

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
 Data File : BM026403.D
 Acq On : 15 Jun 2020 22:09
 Operator : JU/CG
 Sample : L2997-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 294MSD

Quant Time: Jun 16 00:48:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 12:22:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	101849	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	421196	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	259389	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	551176	20.00	ng	0.00
76) Chrysene-d12	21.02	240	572964	20.00	ng	0.00
86) Perylene-d12	23.11	264	604552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.04	112	752916	130.70	ng	0.00
7) Phenol-d6	6.61	99	1049483	125.81	ng	0.00
23) Nitrobenzene-d5	8.55	82	697399	81.30	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	402236	128.01	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1436052	84.04	ng	0.00
79) Terphenyl-d14	19.47	244	2296074	77.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	106834	41.135	ng	98
3) Pyridine	3.40	79	288199	37.780	ng	99
4) n-Nitrosodimethylamine	3.32	42	167091	44.240	ng	92
6) Aniline	6.75	93	354601	32.409	ng	97
8) 2-Chlorophenol	6.97	128	321776	48.428	ng	99
9) Benzaldehyde	6.56	77	192680	36.225	ng	97
10) Phenol	6.64	94	441917	49.746	ng	99
11) bis(2-Chloroethyl)ether	6.85	93	307454	42.969	ng	99
12) 1,3-Dichlorobenzene	7.29	146	331123	45.012	ng	97
13) 1,4-Dichlorobenzene	7.43	146	339692	45.334	ng	98
14) 1,2-Dichlorobenzene	7.75	146	326172	44.562	ng	98
15) Benzyl Alcohol	7.65	79	311865	44.027	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	549261	41.103	ng	99
17) 2-Methylphenol	7.86	107	282547	43.517	ng	98
18) Hexachloroethane	8.46	117	131511	46.343	ng	98
19) n-Nitroso-di-n-propylamine	8.22	70	282730	43.495	ng	98
20) 3+4-Methylphenols	8.19	107	384872	43.491	ng	99
22) Acetophenone	8.22	105	479705	44.292	ng	# 98
24) Nitrobenzene	8.59	77	402205	44.789	ng	98
25) Isophorone	9.12	82	716492	44.458	ng	100
26) 2-Nitrophenol	9.29	139	175396	49.353	ng	97
27) 2,4-Dimethylphenol	9.37	122	288966	51.505	ng	97
28) bis(2-Chloroethoxy)methane	9.60	93	419687	45.901	ng	100
29) 2,4-Dichlorophenol	9.83	162	302043	49.067	ng	99
30) 1,2,4-Trichlorobenzene	10.03	180	312031	46.226	ng	98
31) Naphthalene	10.21	128	972474	45.817	ng	99
32) Benzoic acid	9.55	122	185307	41.819	ng	99
33) 4-Chloroaniline	10.33	127	148902	16.084	ng	98
34) Hexachlorobutadiene	10.50	225	193821	45.483	ng	97
35) Caprolactam	11.13	113	45803	21.179	ng	99
36) 4-Chloro-3-methylphenol	11.48	107	359043	47.866	ng	99
37) 2-Methylnaphthalene	11.83	142	705105	46.618	ng	100
38) 1-Methylnaphthalene	12.06	142	670061	46.765	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	360385	48.808	ng	99

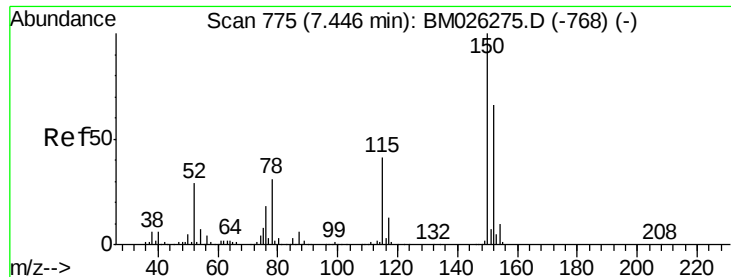
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	418243	96.120	ng	99
43) 2,4,6-Trichlorophenol	12.47	196	245460	49.114	ng	96
44) 2,4,5-Trichlorophenol	12.55	196	263522	45.426	ng	98
46) 1,1'-Biphenyl	12.88	154	869732	47.826	ng	100
47) 2-Chloronaphthalene	12.92	162	686088	46.448	ng	99
48) 2-Nitroaniline	13.13	65	263924	45.083	ng	96
49) Acenaphthylene	13.77	152	1103878	46.724	ng	99
50) Dimethylphthalate	13.54	163	1117149	58.883	ng	100
51) 2,6-Dinitrotoluene	13.65	165	191399	45.974	ng	97
52) Acenaphthene	14.12	154	657681	46.371	ng	99
53) 3-Nitroaniline	13.97	138	126315	27.247	ng	99
54) 2,4-Dinitrophenol	14.20	184	228584	90.340	ng	97
55) Dibenzofuran	14.46	168	1047028	45.817	ng	98
56) 4-Nitrophenol	14.32	139	339965	92.473	ng	97
57) 2,4-Dinitrotoluene	14.45	165	269015	46.473	ng	98
58) Fluorene	15.12	166	857292	46.186	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	239497	48.267	ng	100
60) Diethylphthalate	14.92	149	869777	45.009	ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	433812	44.062	ng	97
62) 4-Nitroaniline	15.15	138	205298	41.525	ng	99
63) Azobenzene	15.42	77	969986	45.877	ng	98
65) 4,6-Dinitro-2-methylphenol	15.22	198	156364	46.652	ng	98
66) n-Nitrosodiphenylamine	15.34	169	744446	46.623	ng	100
67) 4-Bromophenyl-phenylether	16.02	248	263312	43.397	ng	99
68) Hexachlorobenzene	16.13	284	293829	46.409	ng	96
69) Atrazine	16.31	200	242535	50.843	ng	98
70) Pentachlorophenol	16.47	266	366661	96.167	ng	99
71) Phenanthrene	16.85	178	1344107	46.828	ng	99
72) Anthracene	16.94	178	1371070	47.862	ng	99
73) Carbazole	17.22	167	1236570	45.520	ng	99
74) Di-n-butylphthalate	17.80	149	1517647	47.372	ng	99
75) Fluoranthene	18.88	202	1651629	50.190	ng	99
77) Benzidine	19.08	184	929606	78.109	ng	100
78) Pyrene	19.24	202	1659149	43.826	ng	100
80) Butylbenzylphthalate	20.18	149	692185	45.214	ng	95
81) Benzo(a)anthracene	21.00	228	1589702	46.223	ng	100
82) 3,3'-Dichlorobenzidine	20.94	252	395208	37.142	ng	99
83) Chrysene	21.06	228	1554339	47.426	ng	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	1045915	47.914	ng	99
85) Di-n-octyl phthalate	21.82	149	1790391	53.168	ng	99
87) Indeno(1,2,3-cd)pyrene	25.16	276	1873047	53.560	ng	99
88) Benzo(b)fluoranthene	22.50	252	1709526	47.007	ng	100
89) Benzo(k)fluoranthene	22.54	252	1527128	43.223	ng	99
90) Benzo(a)pyrene	23.02	252	1492635	46.212	ng	99
91) Dibenzo(a,h)anthracene	25.17	278	1559404	53.412	ng	99
92) Benzo(g,h,i)perylene	25.77	276	1529261	55.044	ng	99

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

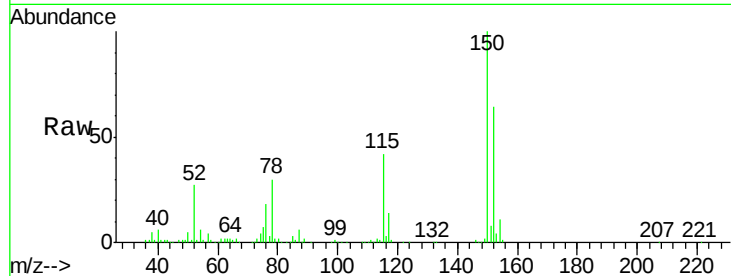


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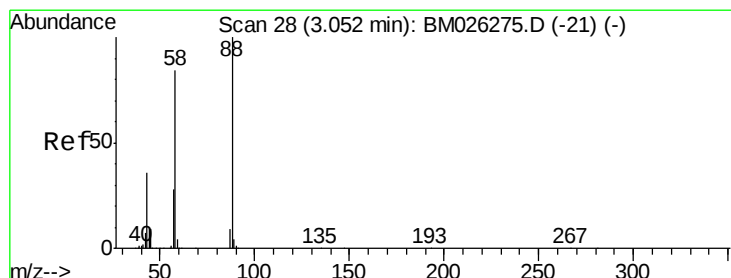
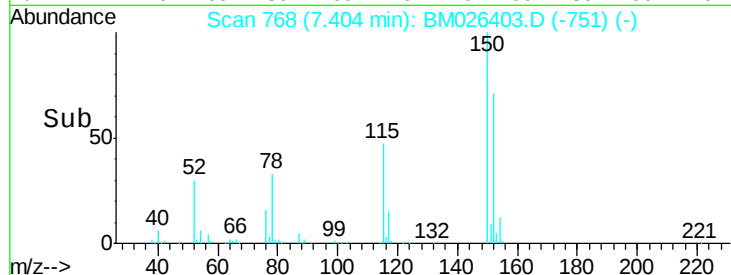
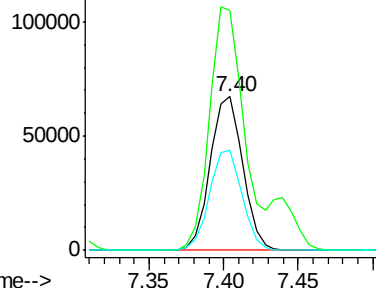
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Instrument :
BNA_M
ClientSampleId :
294MSD

Tot Ion	152	Resp	101849
Ion Ratio	Lower	Upper	
152	100		
150	155.6	127.8	191.6
115	65.3	51.5	77.3



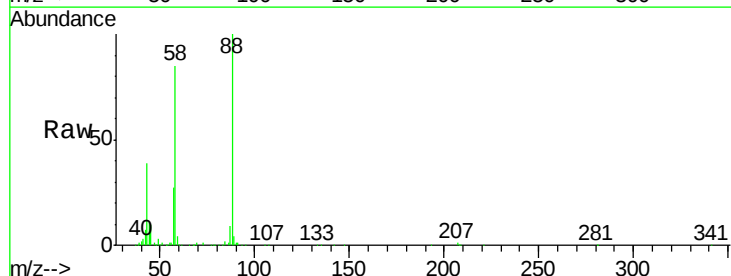
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



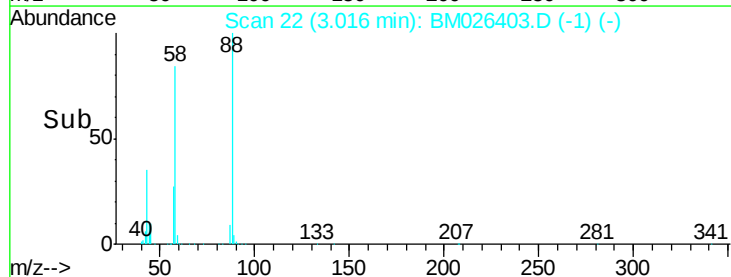
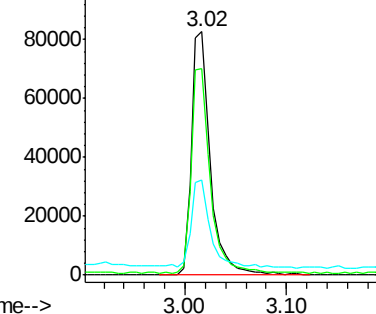
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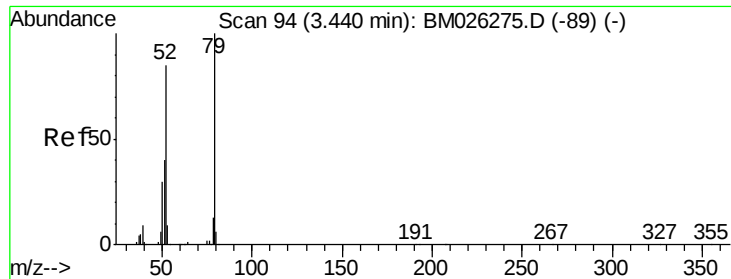
1,4-Dioxane
Concen: 41.135 ng
RT: 3.02 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion	88	Resp	106834
Ion Ratio	Lower	Upper	
88	100		
58	83.4	67.7	101.5
43	36.2	28.0	42.0



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





#3

Pvridine

Concen: 37.780 ng

RT: 3.40 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

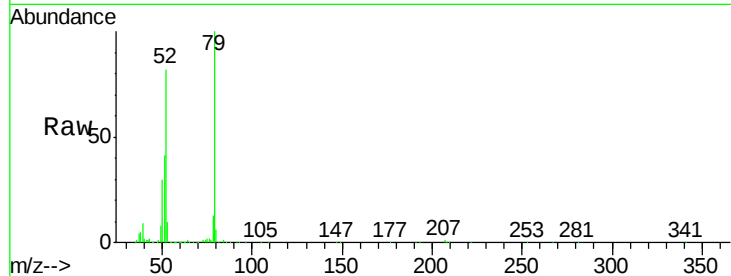
Tot Ion: 79 Resp: 288199

Ion Ratio Lower Upper

79 100

52 82.5 67.4 101.2

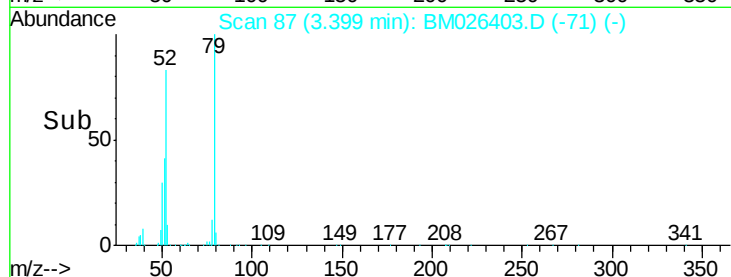
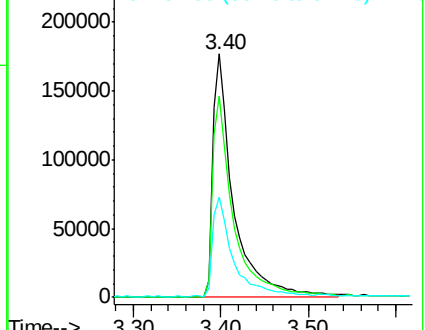
51 41.2 33.0 49.6



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 44.240 ng

RT: 3.32 min Scan# 73

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

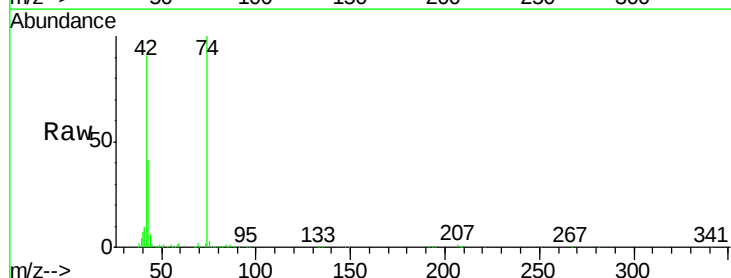
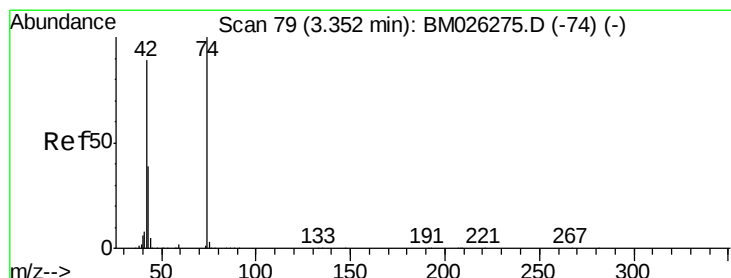
Tgt Ion: 42 Resp: 167091

Ion Ratio Lower Upper

42 100

74 109.8 95.4 143.2

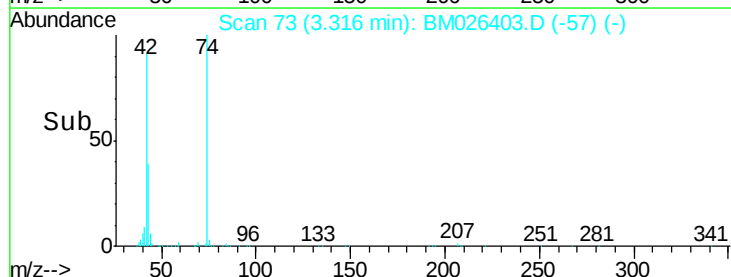
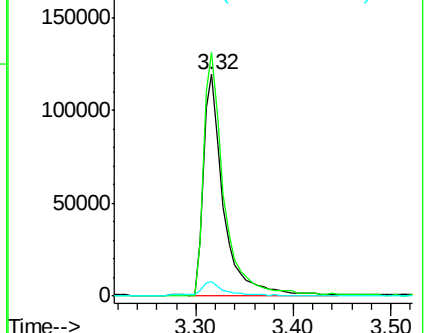
44 6.7 5.9 8.9

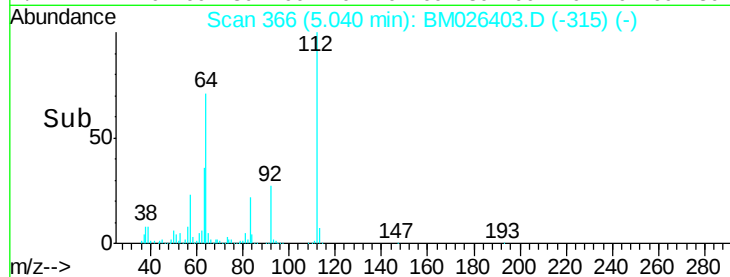
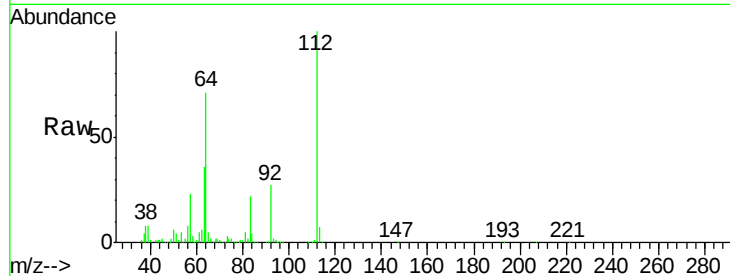
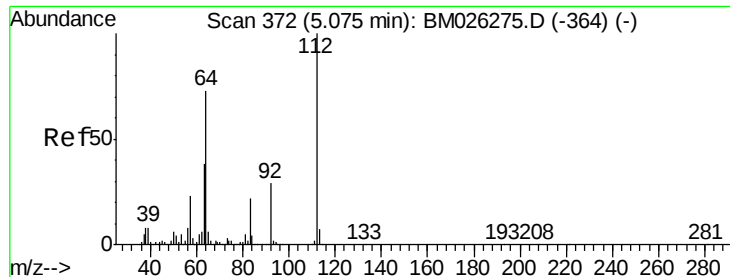


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 130.702 ng

RT: 5.04 min Scan# 366

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

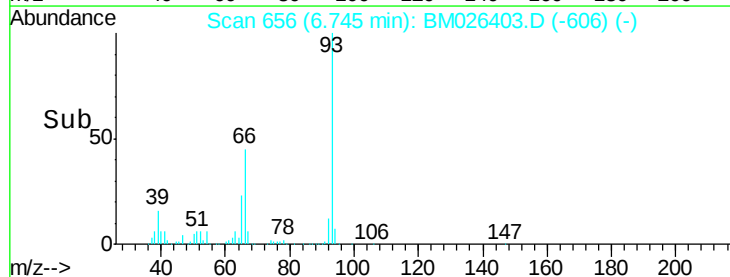
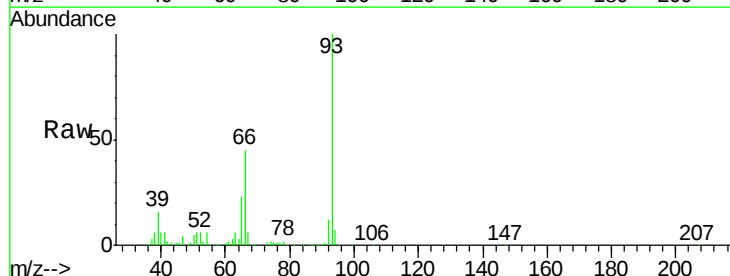
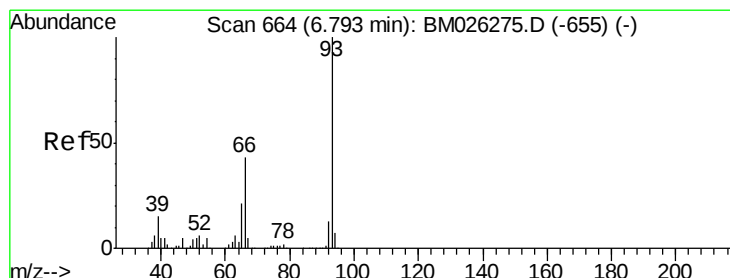
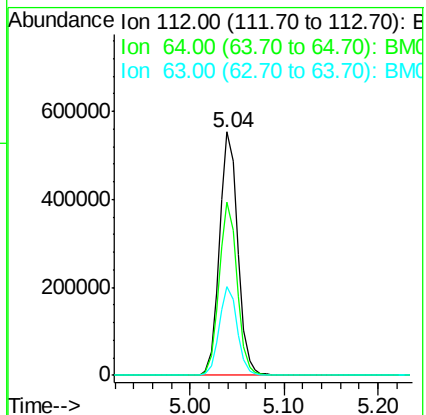
Tot Ion:112 Resp: 752916

Ion Ratio Lower Upper

112 100

64 71.1 56.0 84.0

63 36.4 29.0 43.6



#6

Aniline

Concen: 32.409 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

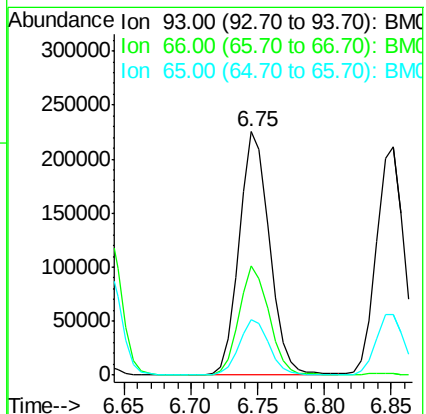
Tgt Ion: 93 Resp: 354601

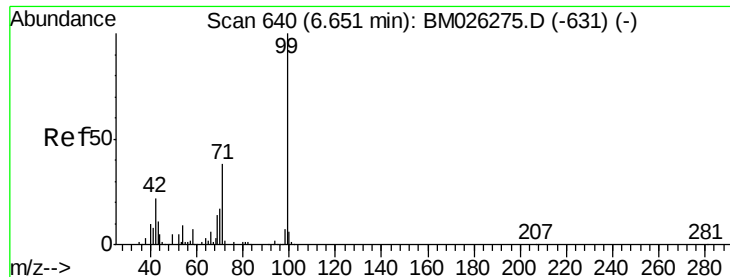
Ion Ratio Lower Upper

93 100

66 44.6 34.1 51.1

65 23.0 17.5 26.3





#7

Phenol-d6

Concen: 125.813 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

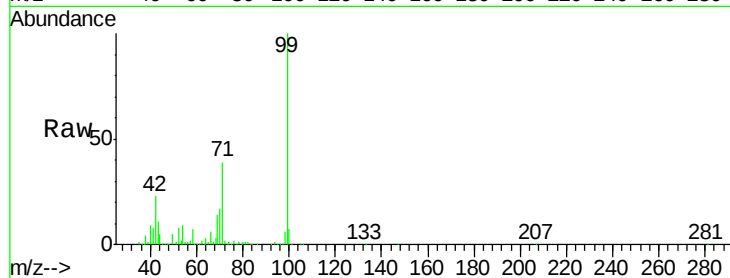
BNA_M

ClientSampleId :

294MSD

Tot Ion: 99 Resp: 1049483

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.8	26.6
71	39.1	31.0	46.4

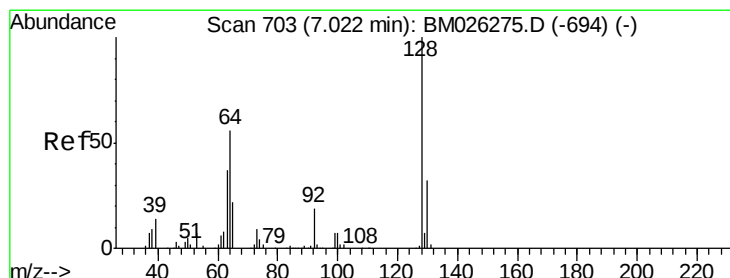
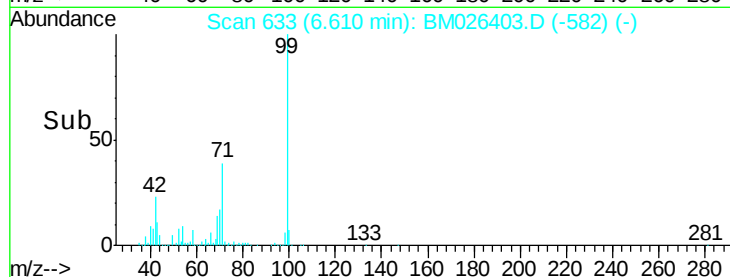
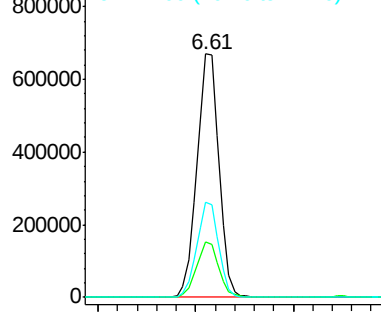


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 48.428 ng

RT: 6.97 min Scan# 695

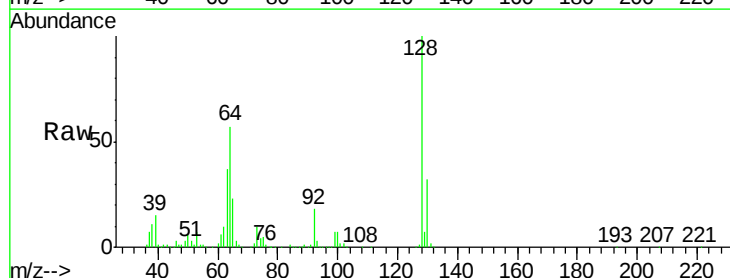
Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Tgt Ion: 128 Resp: 321776

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	56.9	36.4	76.4

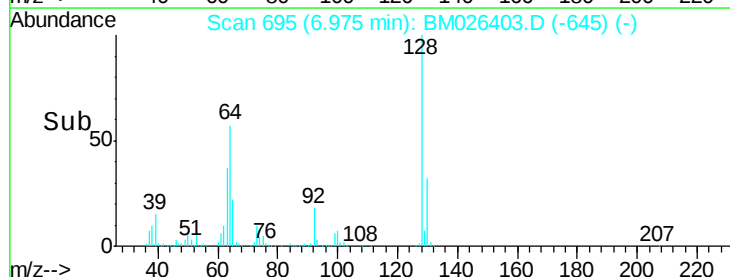
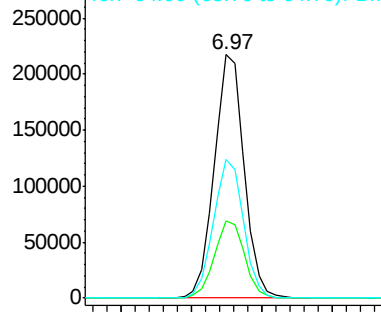


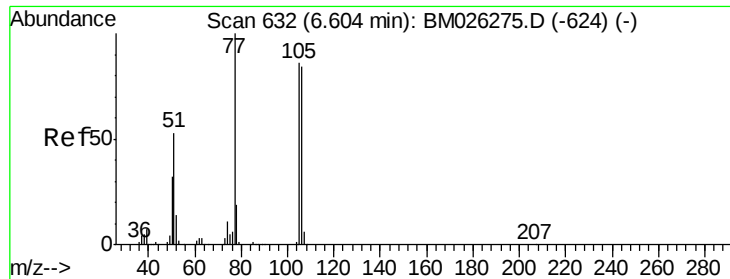
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 36.225 ng

RT: 6.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

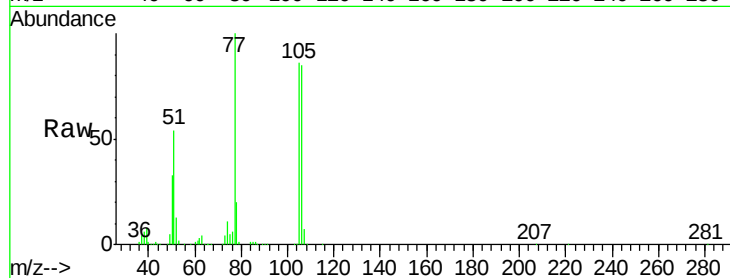
Tot Ion: 77 Resp: 192680

Ion Ratio Lower Upper

77 100

105 86.3 71.5 111.5

106 84.6 64.7 104.7



Abundance Ion 77.00 (76.70 to 77.70): BM026403.D (-574) (-)

Ion 105.00 (104.70 to 105.70): BM026403.D (-574) (-)

Ion 106.00 (105.70 to 106.70): BM026403.D (-574) (-)

6.56

150000

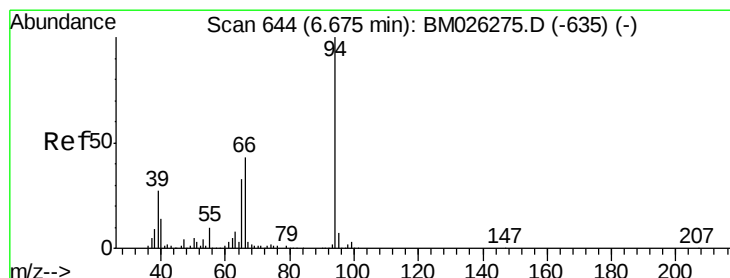
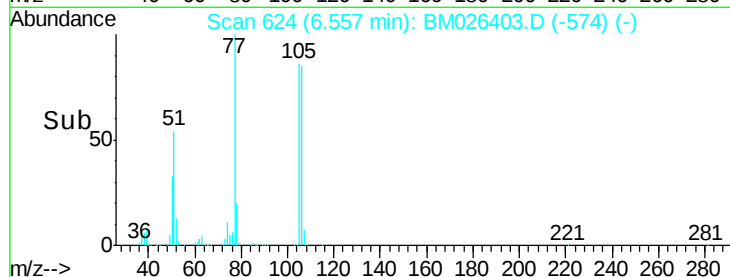
100000

50000

0

6.50 6.55 6.60

Time-->



#10

Phenol

Concen: 49.746 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

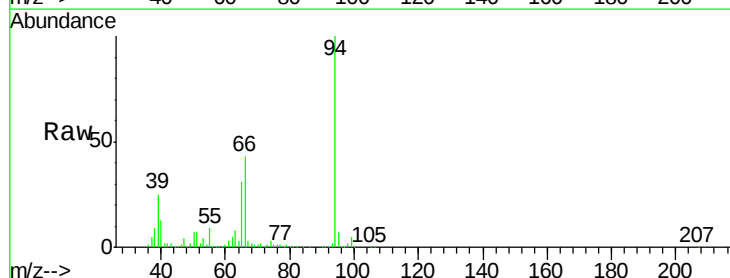
Tgt Ion: 94 Resp: 441917

Ion Ratio Lower Upper

94 100

65 31.3 11.4 51.4

66 42.6 21.7 61.7



Abundance Ion 94.00 (93.70 to 94.70): BM026403.D (-587) (-)

Ion 65.00 (64.70 to 65.70): BM026403.D (-587) (-)

Ion 66.00 (65.70 to 66.70): BM026403.D (-587) (-)

6.64

400000

300000

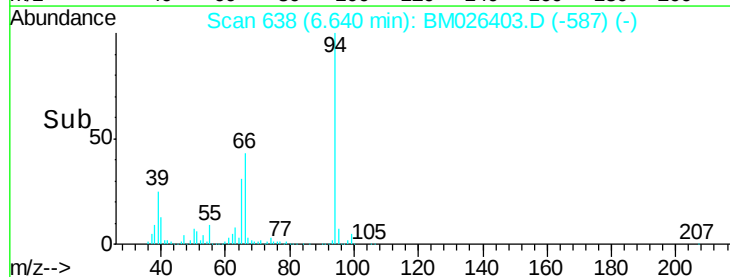
200000

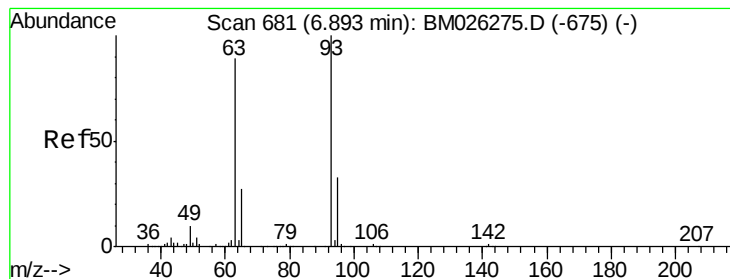
100000

0

6.55 6.60 6.65 6.70 6.75

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 42.969 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

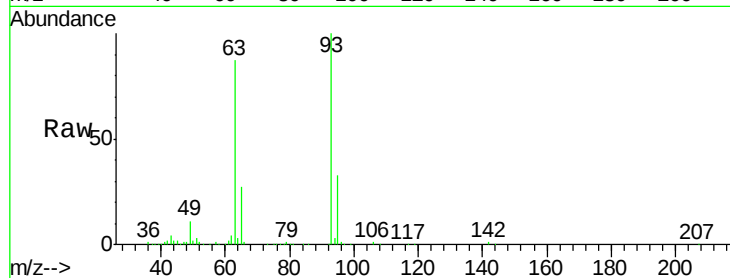
Tot Ion: 93 Resp: 307454

Ion Ratio Lower Upper

93 100

63 87.3 66.7 106.7

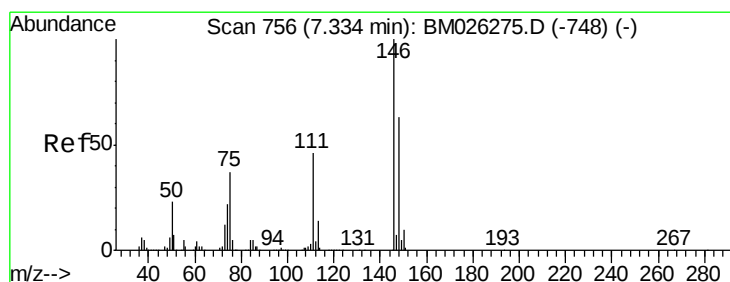
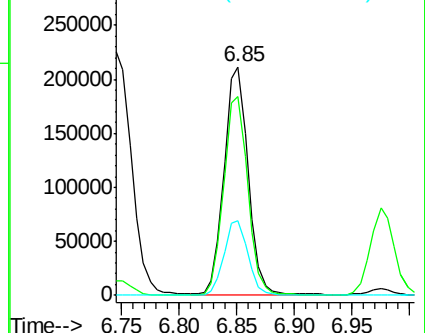
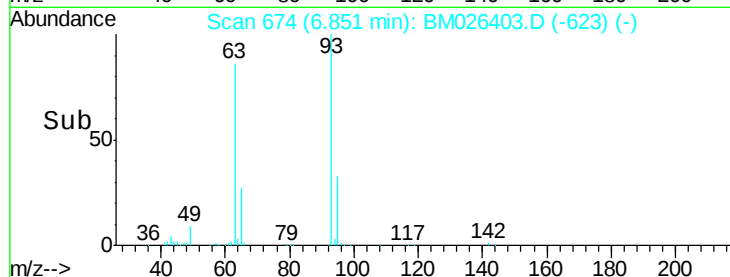
95 32.6 14.5 54.5



Abundance Ion 93.00 (92.70 to 93.70): BM026403.D (-623) (-)

Ion 63.00 (62.70 to 63.70): BM026403.D (-623) (-)

Ion 95.00 (94.70 to 95.70): BM026403.D (-623) (-)



#12

1,3-Dichlorobenzene

Concen: 45.012 ng

RT: 7.29 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

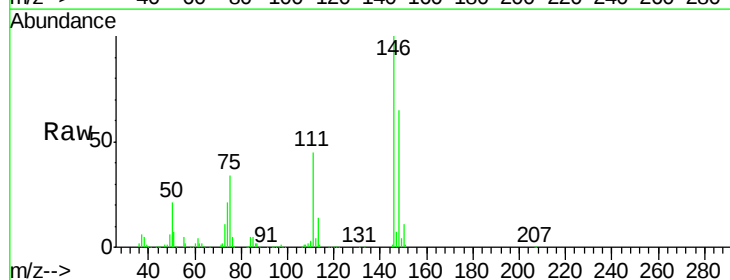
Tgt Ion: 146 Resp: 331123

Ion Ratio Lower Upper

146 100

148 65.0 50.3 75.5

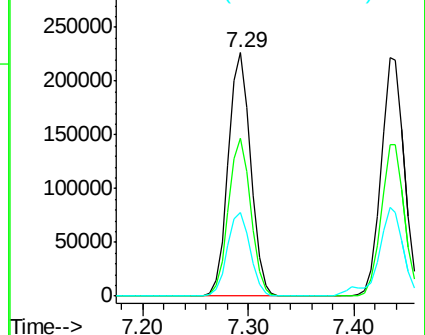
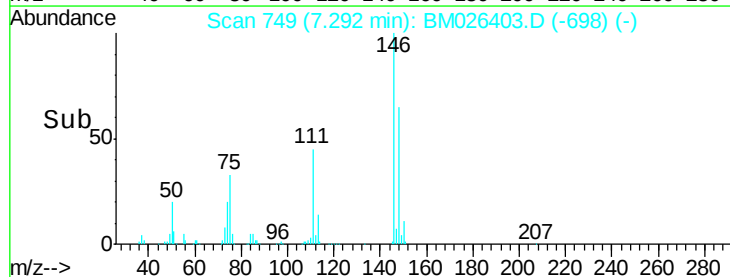
75 34.2 29.0 43.6

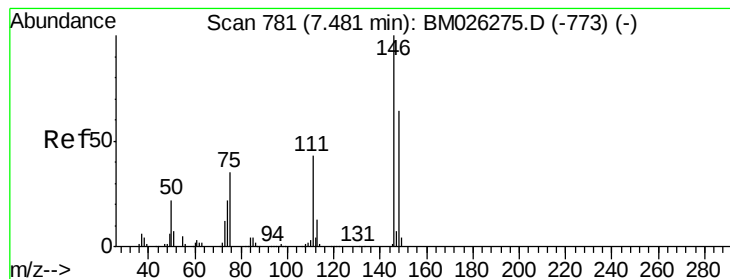


Abundance Ion 146.00 (145.70 to 146.70): BM026403.D (-698) (-)

Ion 148.00 (147.70 to 148.70): BM026403.D (-698) (-)

Ion 75.00 (74.70 to 75.70): BM026403.D (-698) (-)





#13

1,4-Dichlorobenzene

Concen: 45.334 ng

RT: 7.43 min Scan# 773

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

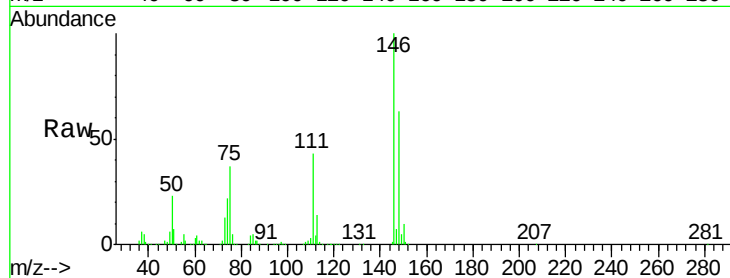
Tot Ion:146 Resp: 339692

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.2

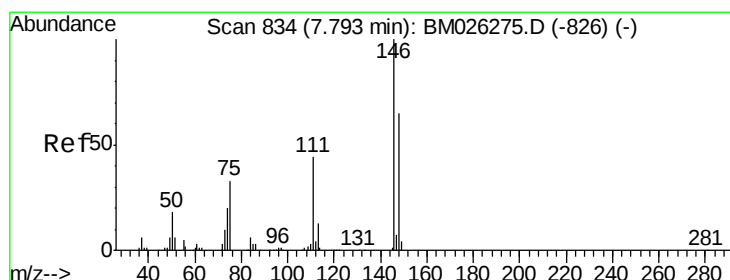
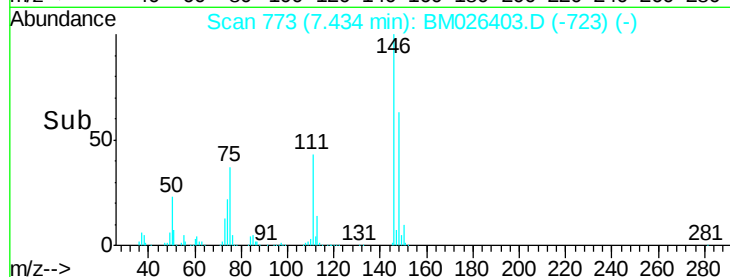
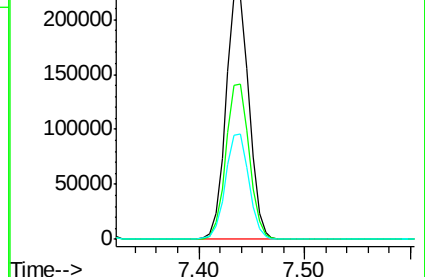
111 42.5 34.9 52.3



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: 44.562 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

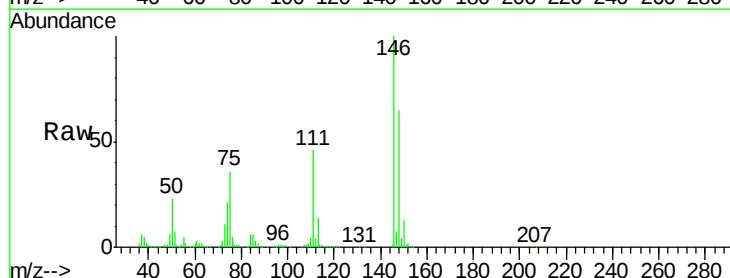
Tgt Ion:146 Resp: 326172

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

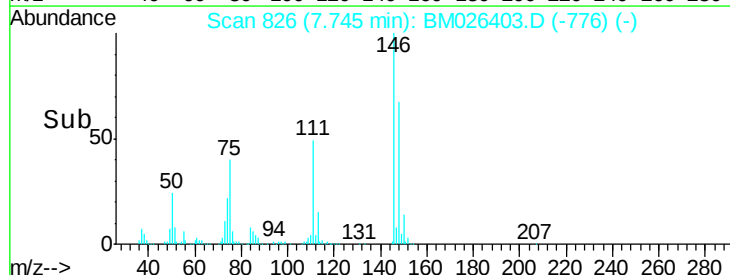
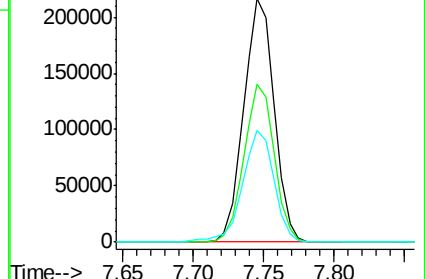
111 45.8 35.4 53.0

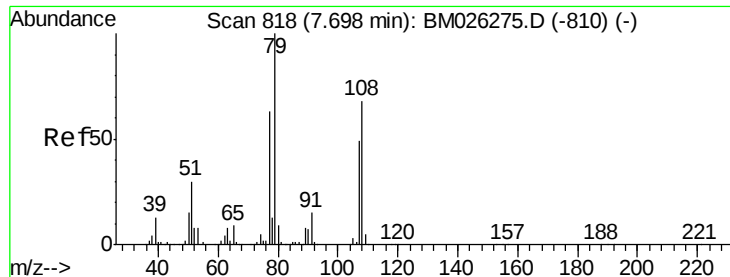


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

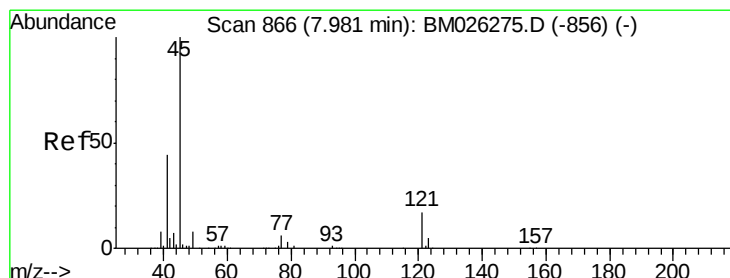
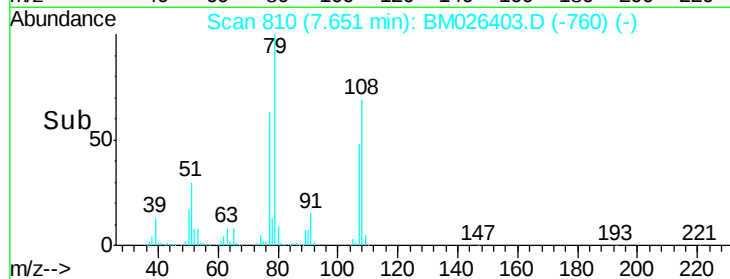
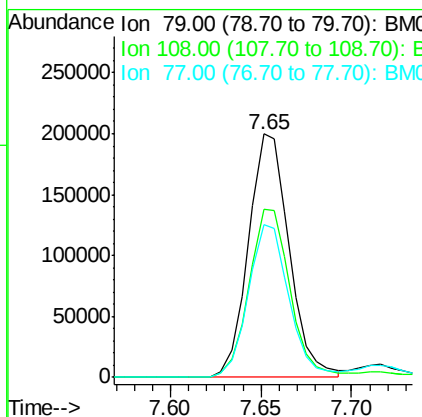
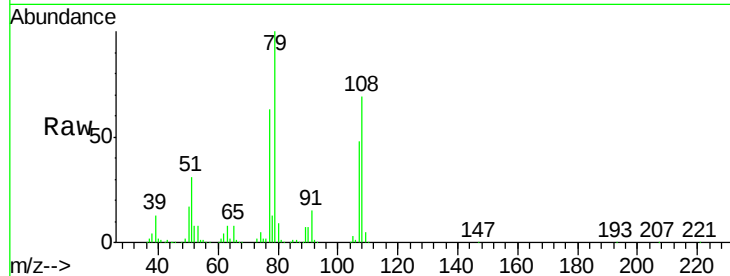




#15
Benzyl Alcohol
Concen: 44.027 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

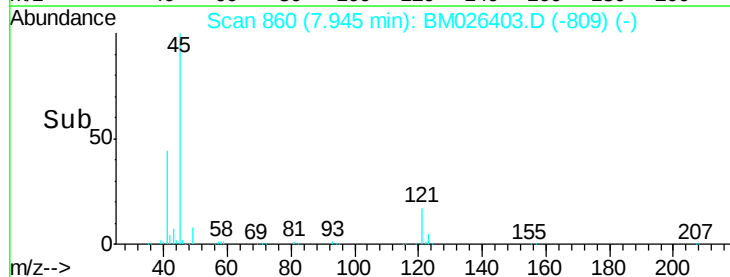
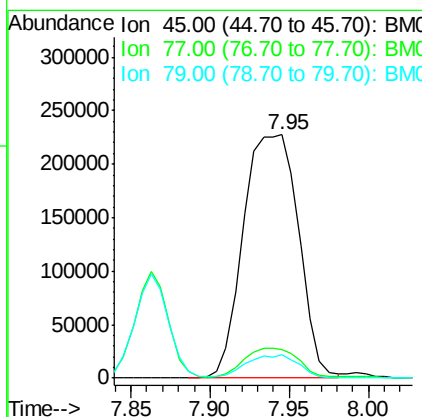
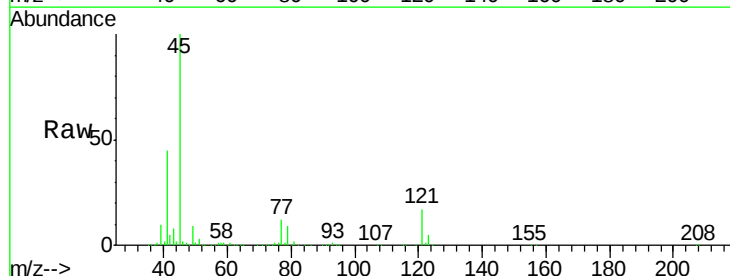
Instrument :
BNA_M
ClientSampled :
294MSD

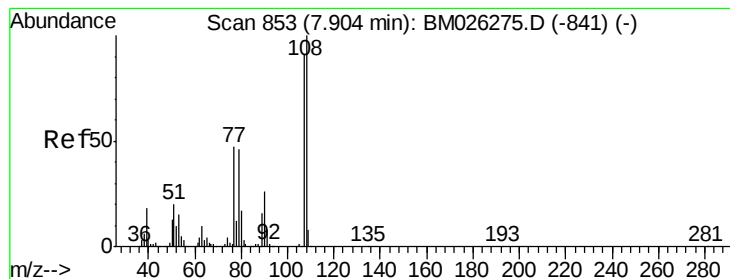
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.8	54.6	82.0
77	62.6	51.0	76.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.103 ng
RT: 7.95 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.8
79	9.4	0.0	28.9





#17

2-Methylphenol

Concen: 43.517 ng

RT: 7.86 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

Tot Ion:107 Resp: 282547

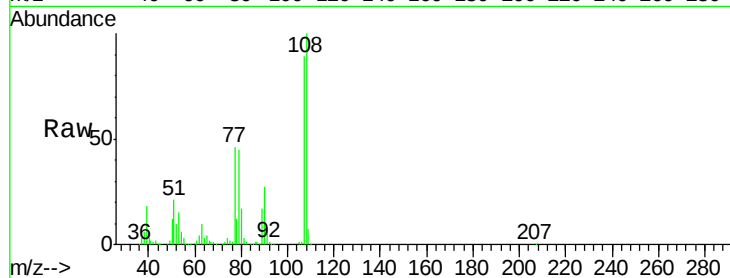
Ion Ratio Lower Upper

107 100

108 112.3 88.5 132.7

77 52.1 40.6 60.8

79 50.7 39.6 59.4

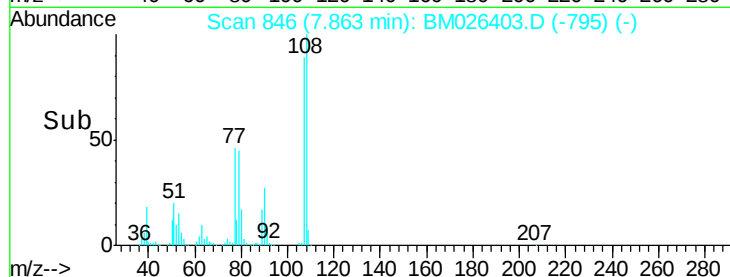


Abundance Ion 107.00 (106.70 to 107.70): E

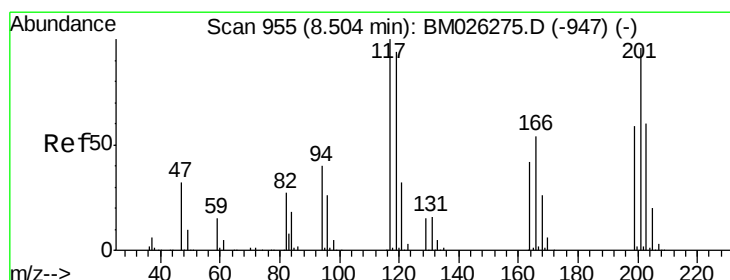
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 46.343 ng

RT: 8.46 min Scan# 947

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

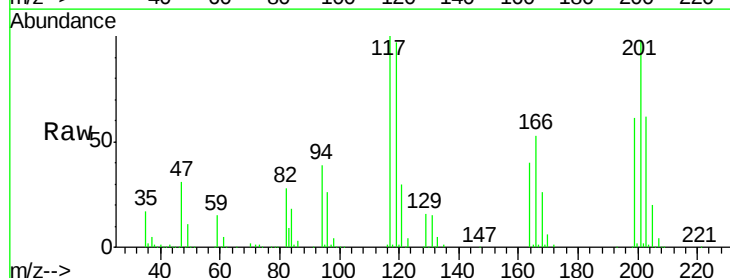
Tgt Ion:117 Resp: 131511

Ion Ratio Lower Upper

117 100

119 96.5 77.8 116.6

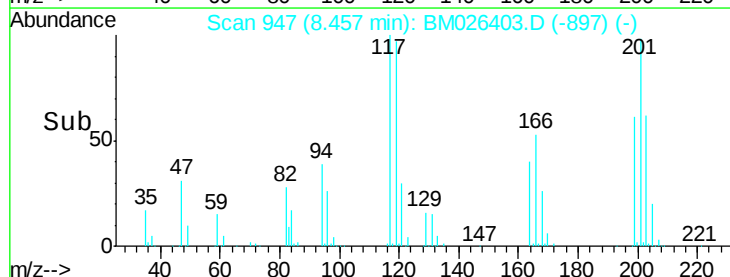
201 97.6 79.9 119.9



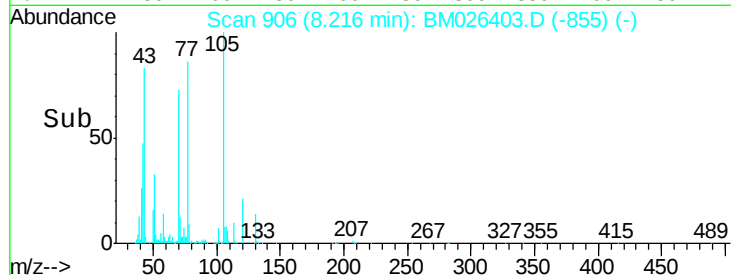
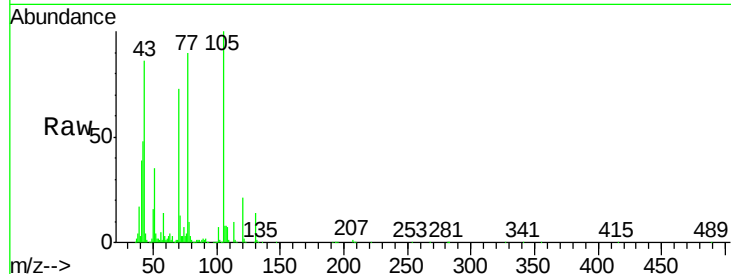
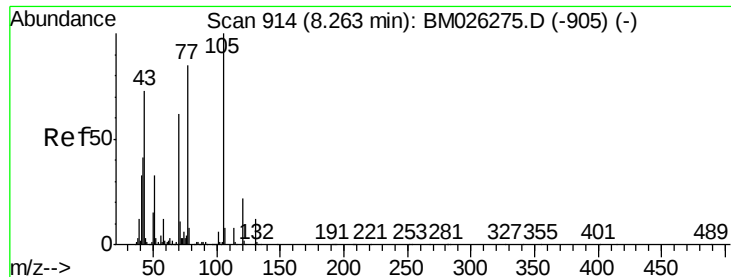
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



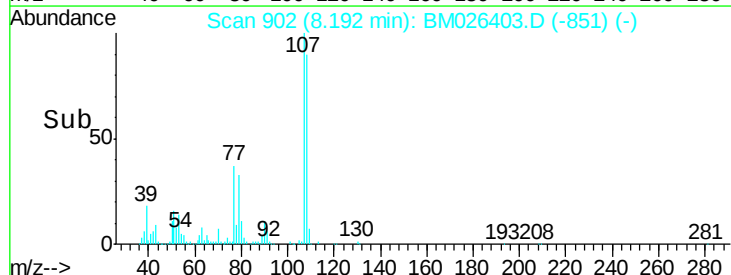
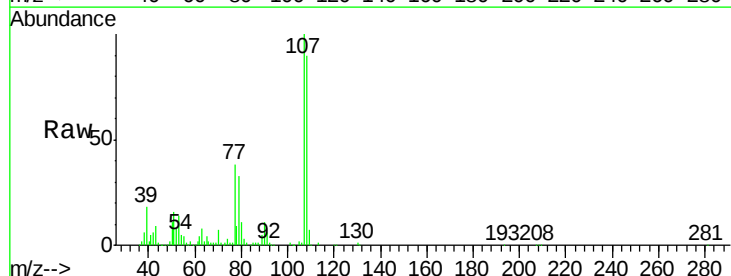
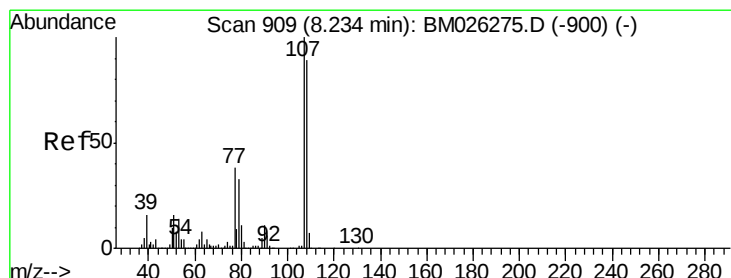
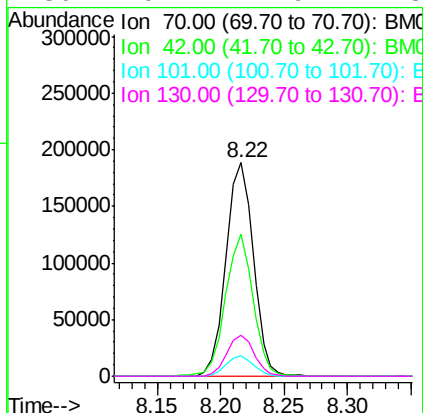
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 43.495 ng
RT: 8.22 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

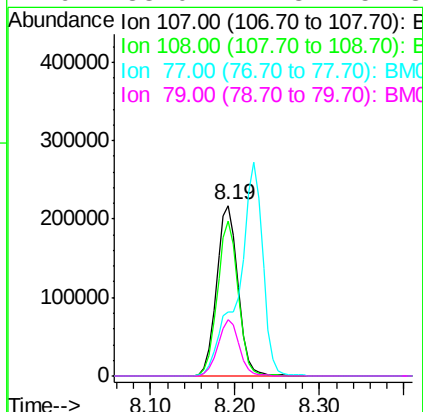
Instrument :
BNA_M
ClientSampleId :
294MSD

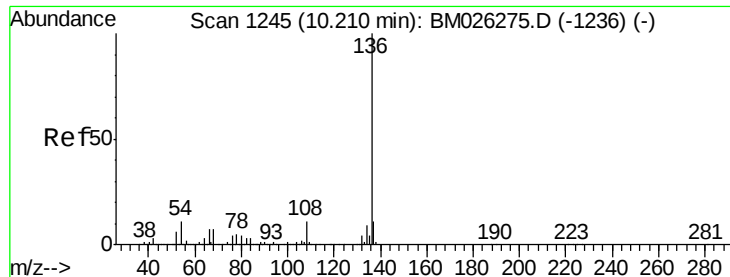
Tot Ion:	70	Resp:	282730
Ion	Ratio	Lower	Upper
70	100		
42	66.6	52.2	78.4
101	9.4	7.0	10.6
130	19.2	14.9	22.3



#20
3+4-Methylphenols
Concen: 43.491 ng
RT: 8.19 min Scan# 902
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:	107	Resp:	384872
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.4	110.4
77	37.8	17.3	57.3
79	33.0	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.16 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

Tot Ion:136 Resp: 421196

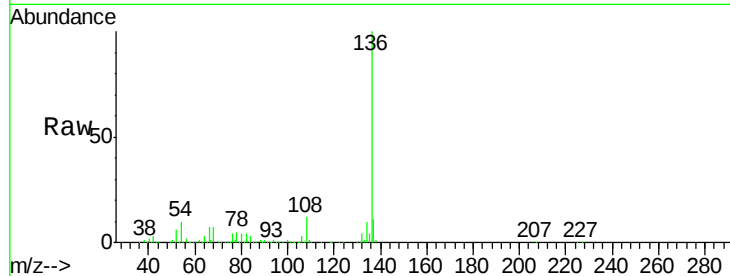
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.1 9.0 13.6

68 6.7 5.6 8.4

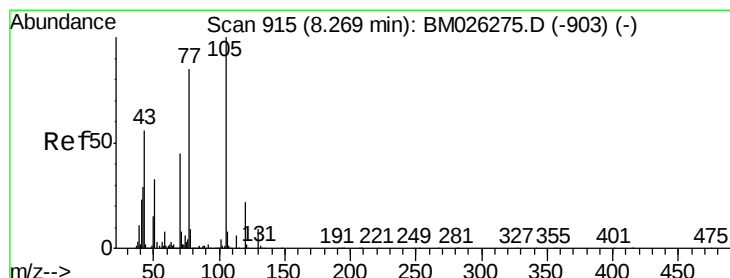
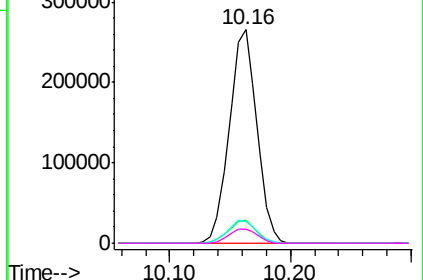
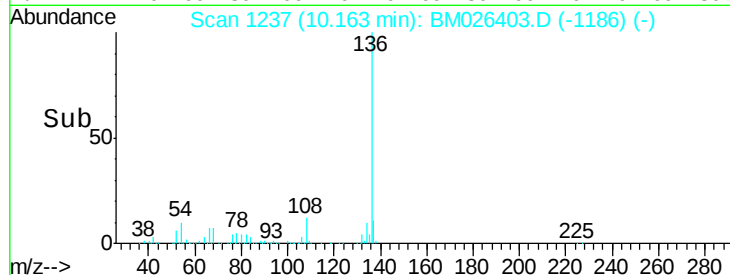


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 44.292 ng

RT: 8.22 min Scan# 907

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Tgt Ion:105 Resp: 479705

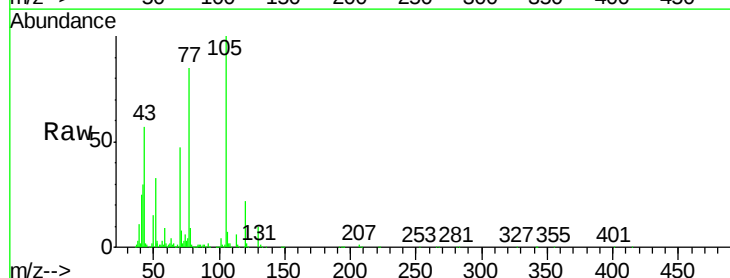
Ion Ratio Lower Upper

105 100

71 7.5 4.5 6.7#

51 32.8 25.2 37.8

120 22.0 17.0 25.6

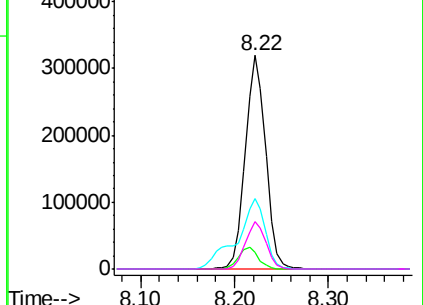
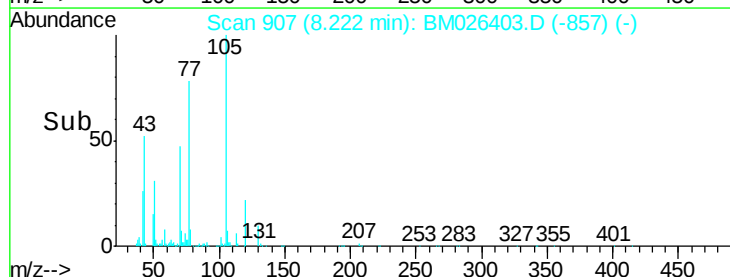


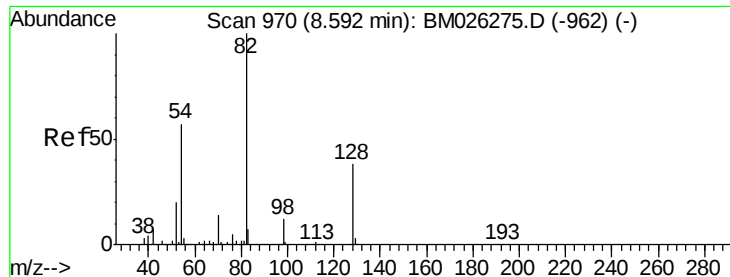
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

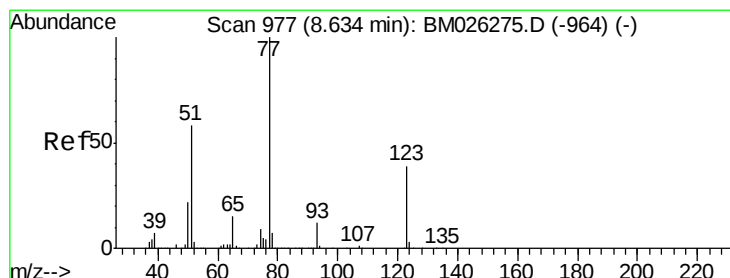
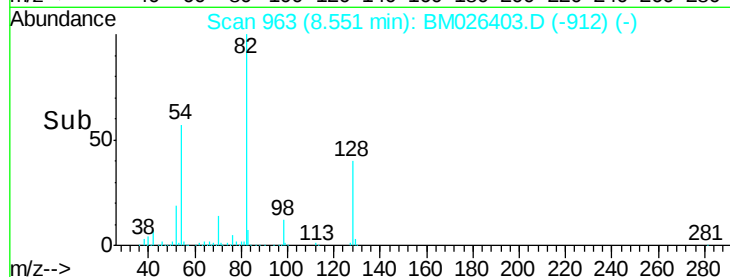
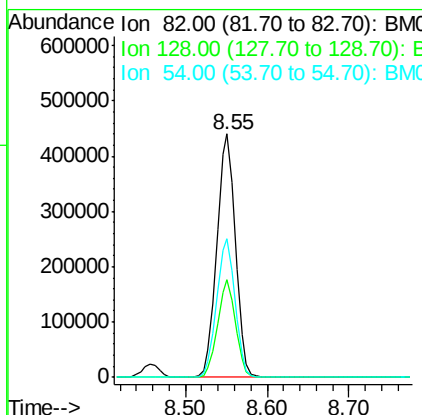
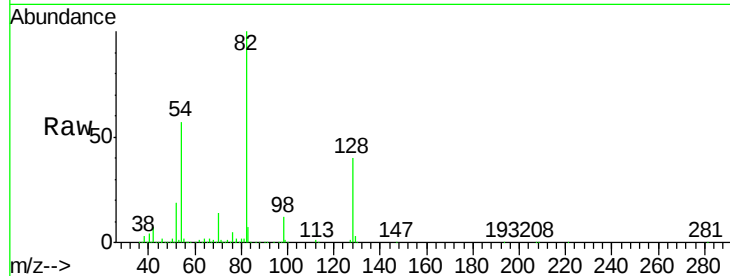




#23
 Nitrobenzene-d5
 Concen: 81.297 ng
 RT: 8.55 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

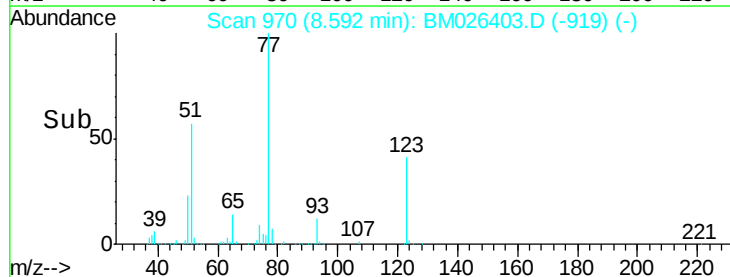
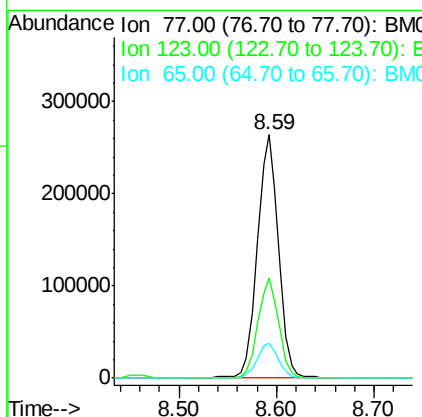
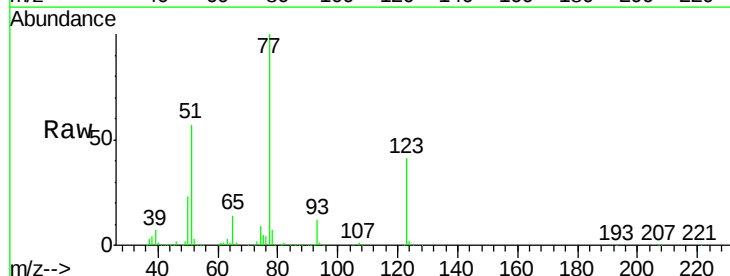
Instrument :
 BNA_M
 ClientSampleId :
 294MSD

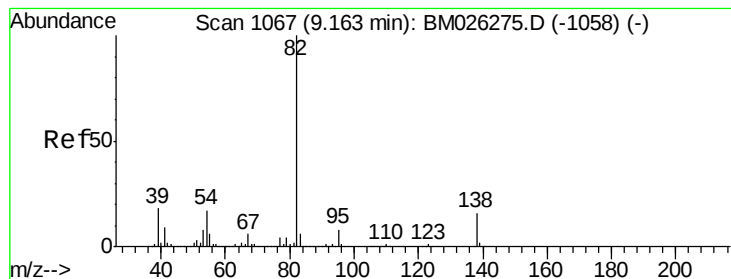
Tot Ion	82	Resp	697399
Ion Ratio	Lower	Upper	
82	100		
128	40.3	31.0	46.6
54	57.2	45.4	68.2



#24
 Nitrobenzene
 Concen: 44.789 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Tgt Ion	77	Resp	402205
Ion Ratio	Lower	Upper	
77	100		
123	41.0	32.0	48.0
65	14.4	11.8	17.8





#25

Isophorone

Concen: 44.458 ng

RT: 9.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

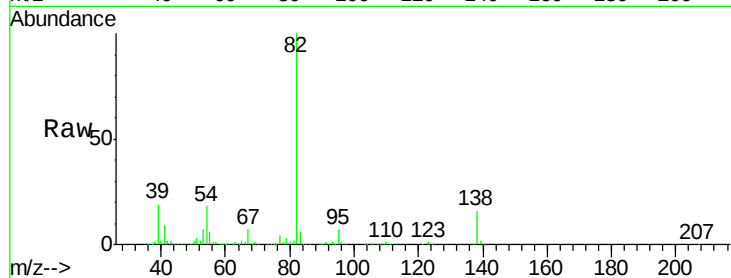
Tot Ion: 82 Resp: 716492

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

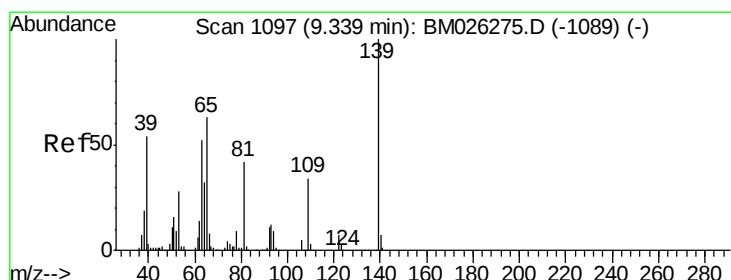
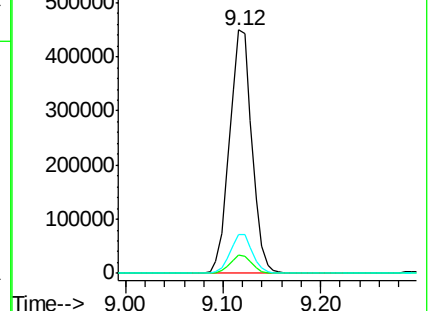
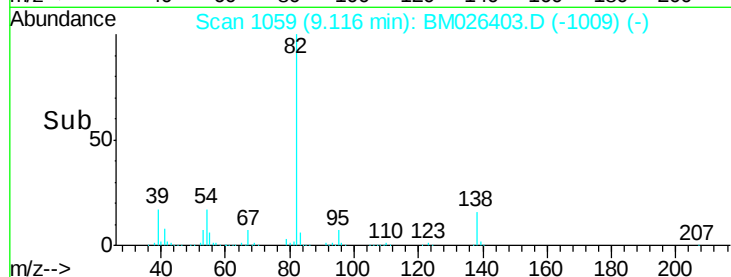
138 16.0 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BM026403.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM026403.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM026403.D (-1058) (-)



#26

2-Nitrophenol

Concen: 49.353 ng

RT: 9.29 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

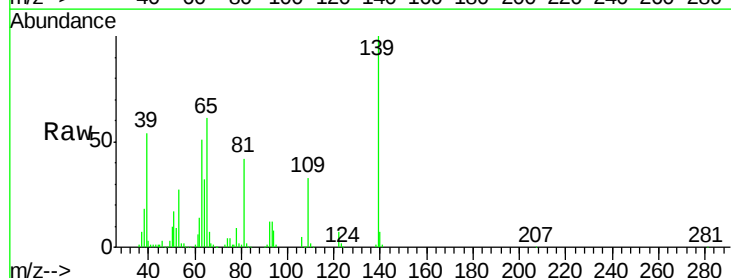
Tgt Ion: 139 Resp: 175396

Ion Ratio Lower Upper

139 100

109 33.0 25.2 37.8

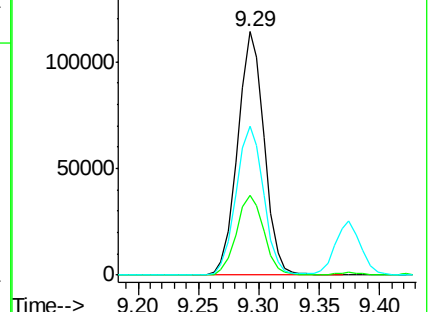
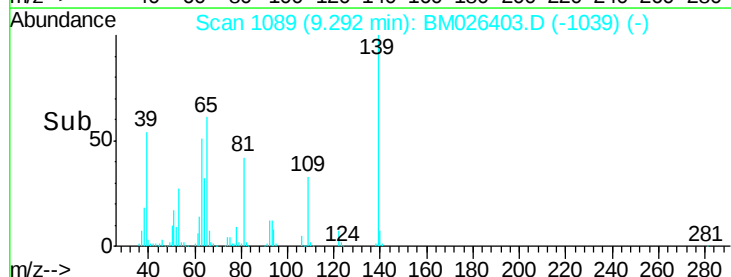
65 61.1 47.1 70.7

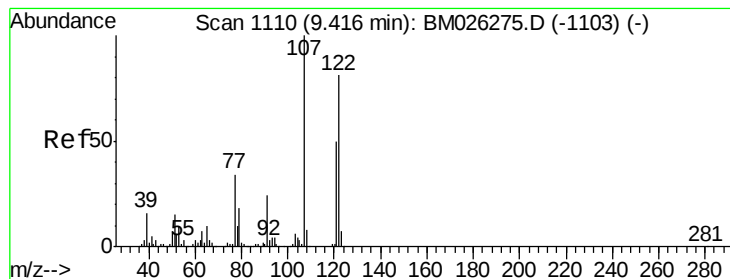


Abundance Ion 139.00 (138.70 to 139.70): BM026403.D (-1089) (-)

Ion 109.00 (108.70 to 109.70): BM026403.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BM026403.D (-1089) (-)





#27

2,4-Dimethylphenol

Concen: 51.505 ng

RT: 9.37 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

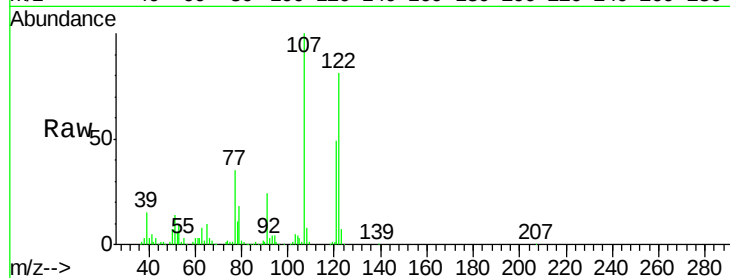
Tot Ion:122 Resp: 288966

Ion Ratio Lower Upper

122 100

107 123.4 96.1 144.1

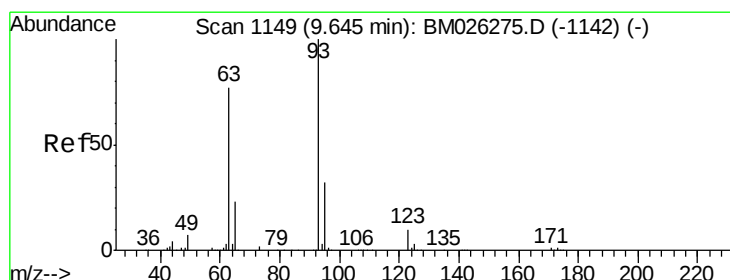
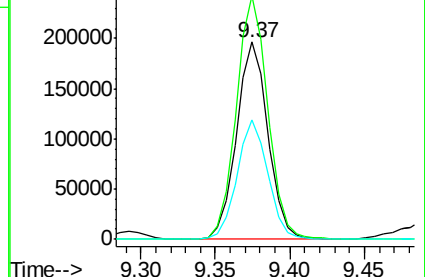
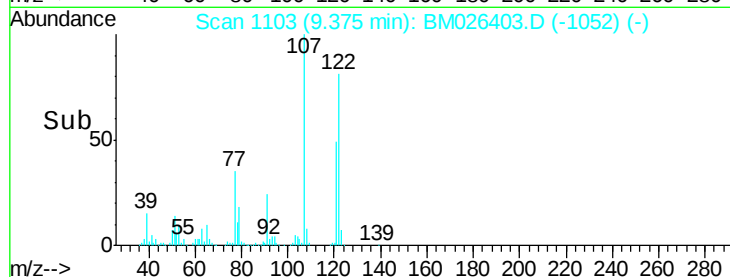
121 60.4 46.0 69.0



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: 45.901 ng

RT: 9.60 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

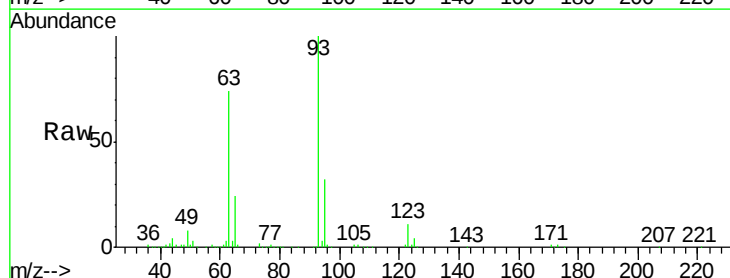
Tgt Ion: 93 Resp: 419687

Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

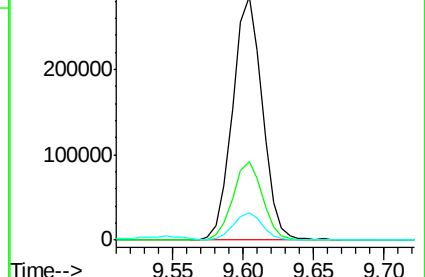
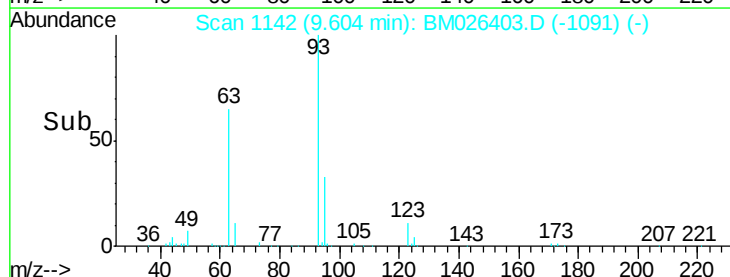
123 11.0 8.9 13.3

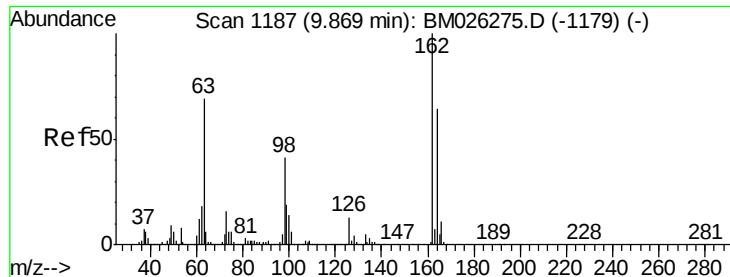


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

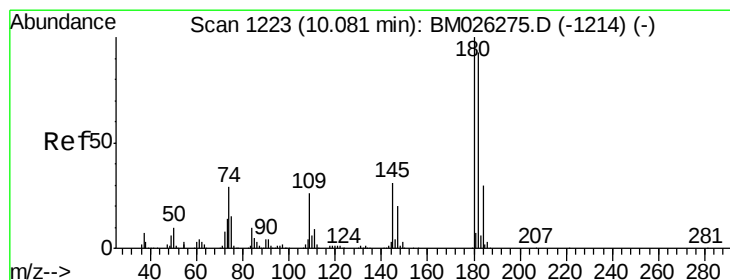
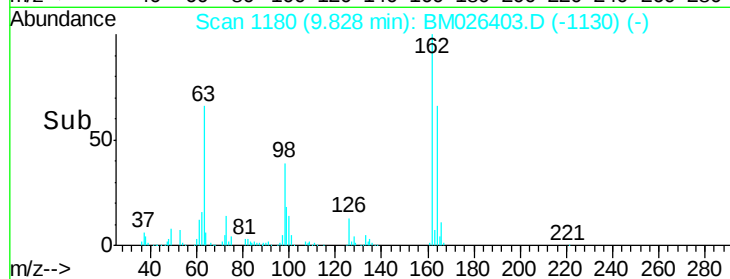
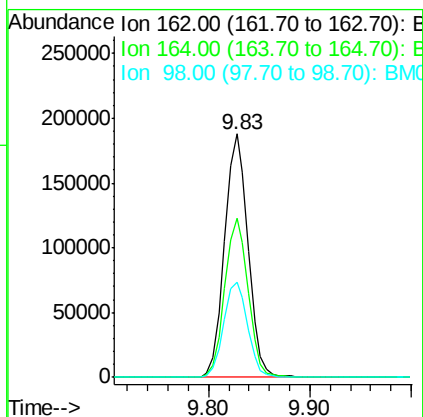
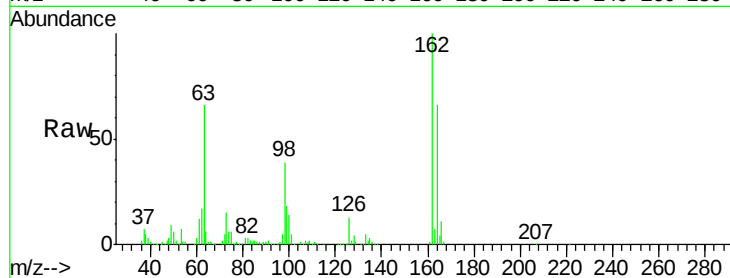




#29
2,4-Dichlorophenol
Concen: 49.067 ng
RT: 9.83 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

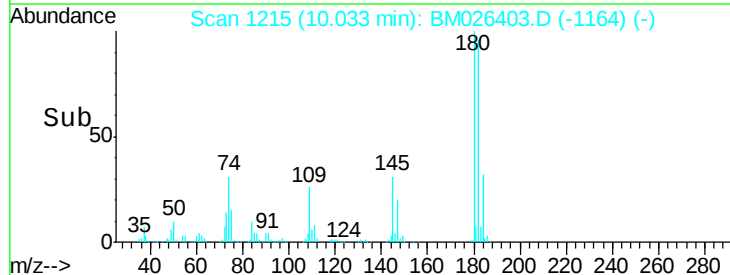
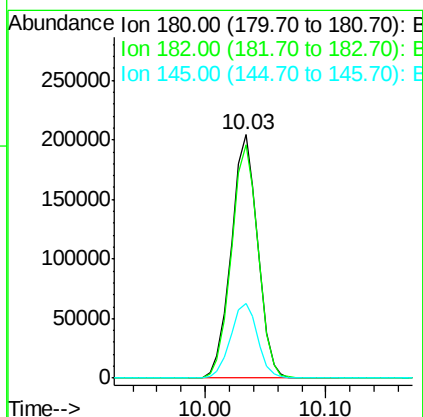
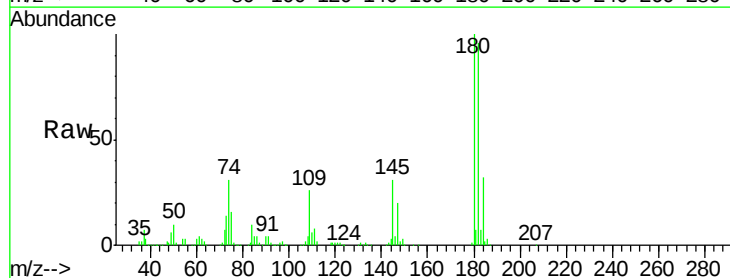
Instrument :
BNA_M
ClientSampleId :
294MSD

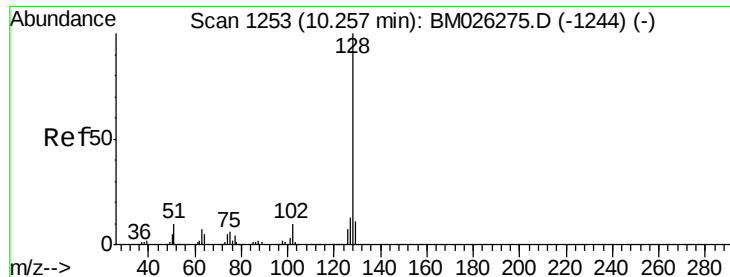
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.2	86.2
98	39.0	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 46.226 ng
RT: 10.03 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.3	115.9
145	30.5	26.6	40.0

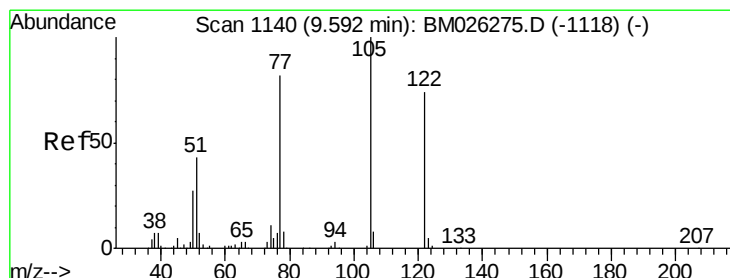
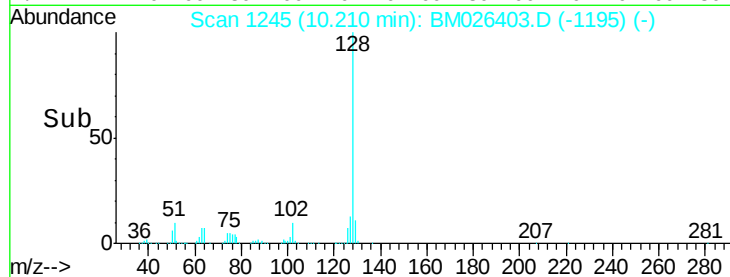
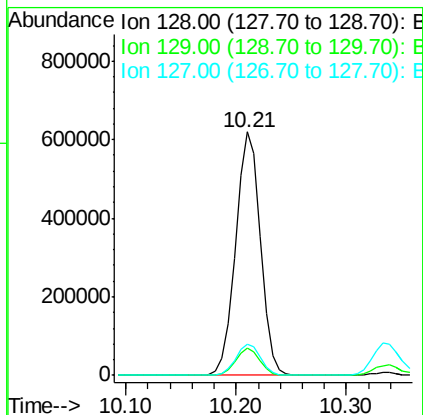
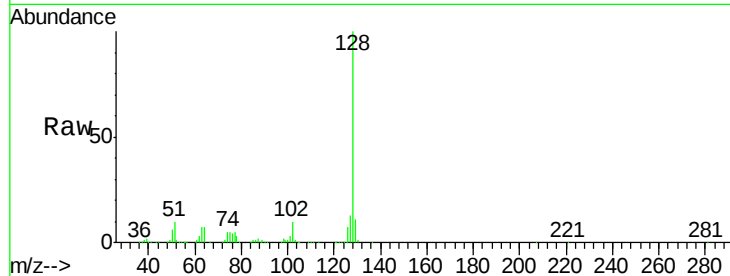




#31
Naphthalene
Concen: 45.817 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

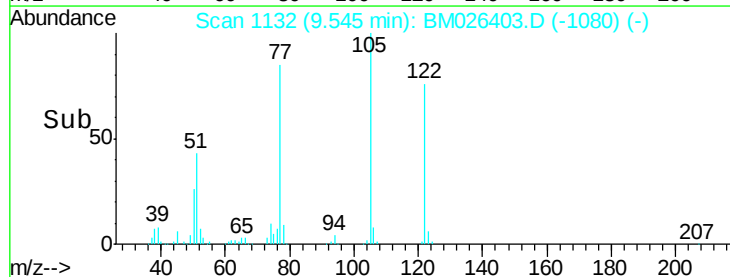
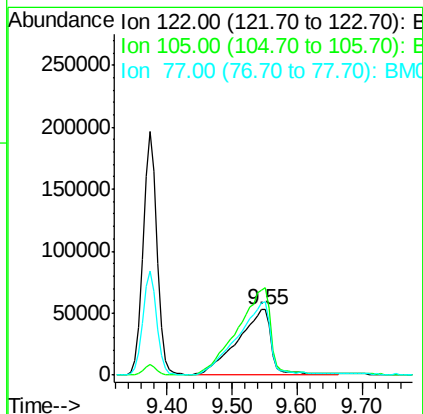
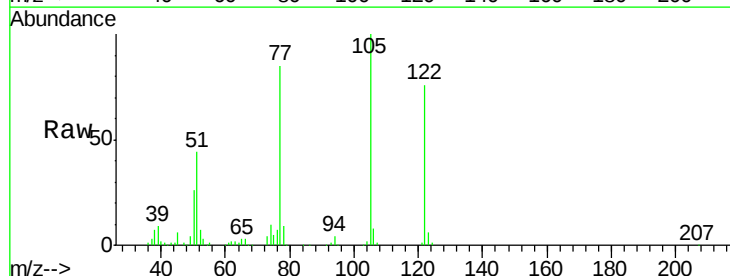
Instrument :
BNA_M
ClientSampleId :
294MSD

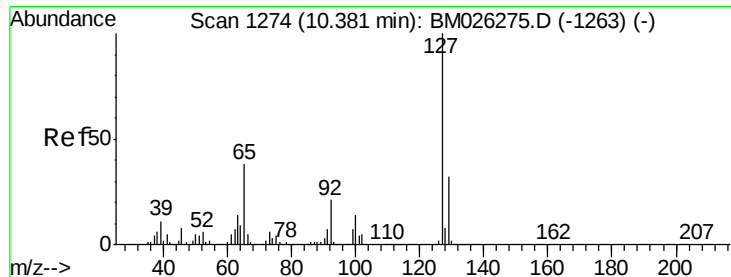
Tot Ion:128 Resp: 972474
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 41.819 ng
RT: 9.55 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:122 Resp: 185307
Ion Ratio Lower Upper
122 100
105 131.0 108.9 148.9
77 110.9 90.1 130.1

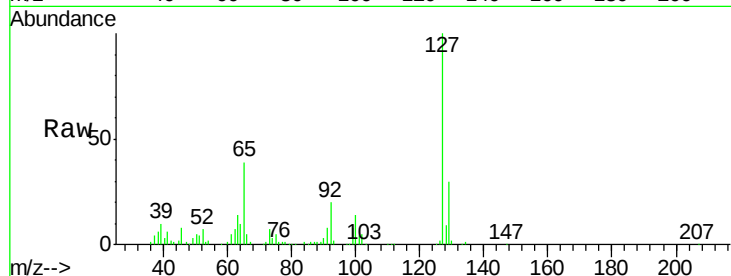




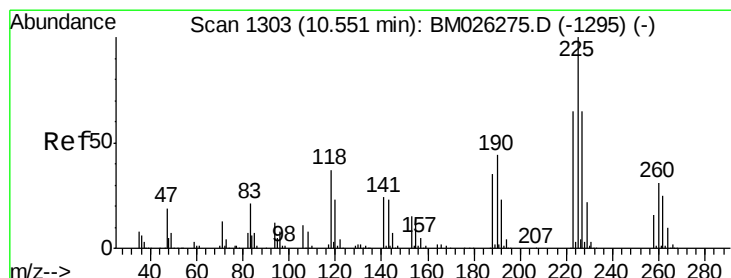
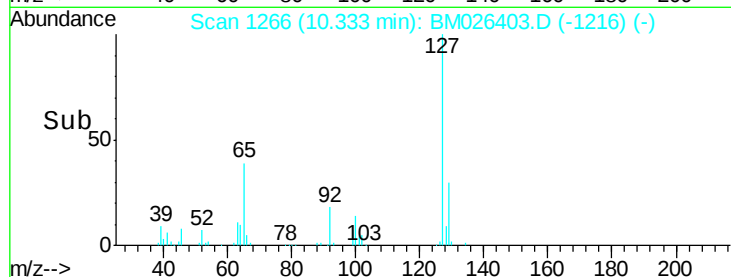
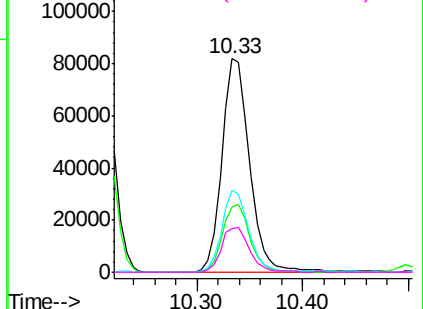
#33
4-Chloroaniline
Concen: 16.084 ng
RT: 10.33 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Instrument :
BNA_M
ClientSampleId :
294MSD

Tot Ion:	127	Resp:	148902
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.3	37.9
65	38.5	30.0	45.0
92	20.2	17.1	25.7

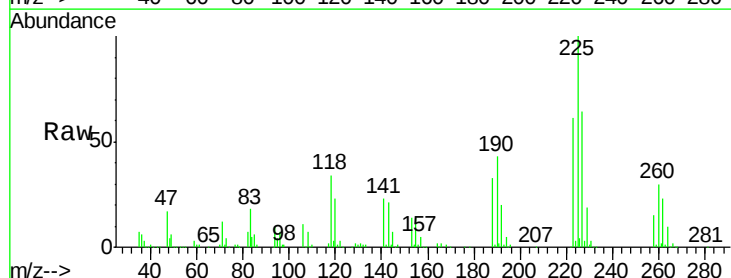


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

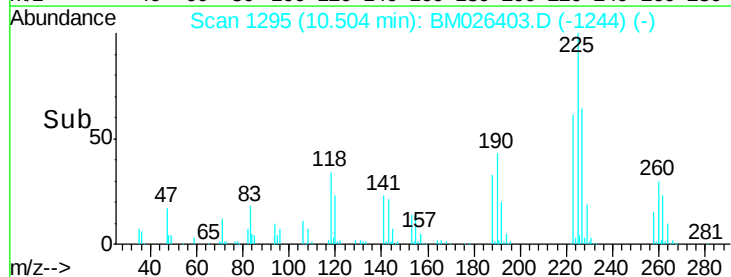
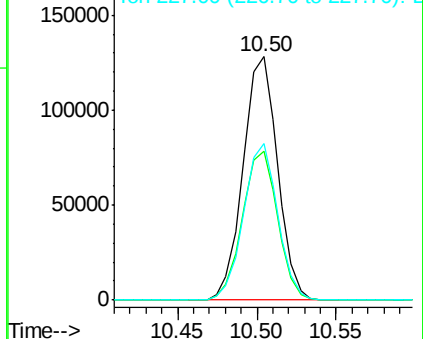


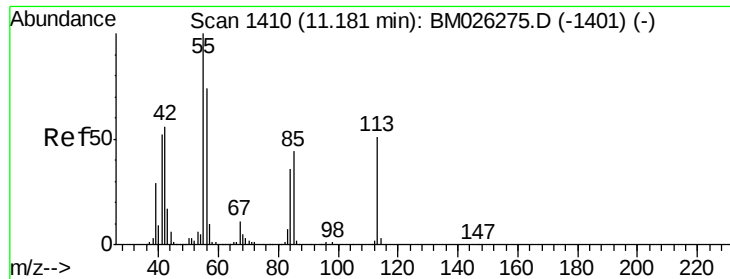
#34
Hexachlorobutadiene
Concen: 45.483 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:	225	Resp:	193821
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.4
227	64.4	49.5	74.3



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





#35

Caprolactam

Concen: 21.179 ng

RT: 11.13 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

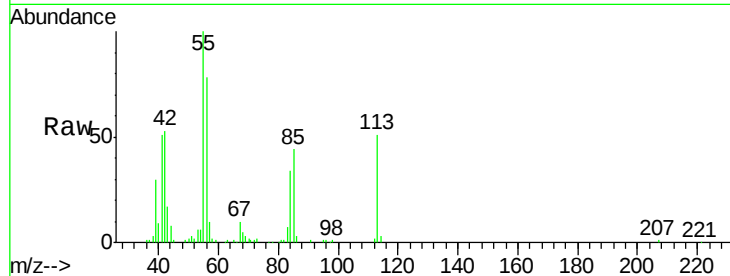
Tot Ion:113 Resp: 45803

Ion Ratio Lower Upper

113 100

55 196.3 177.1 217.1

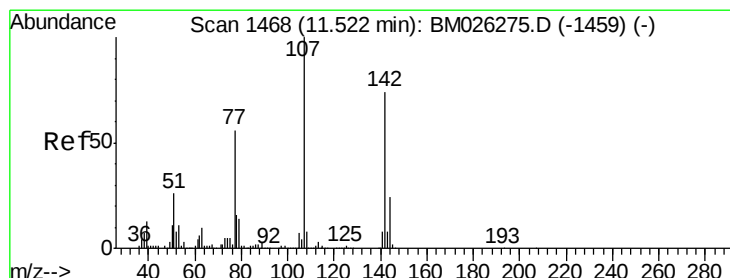
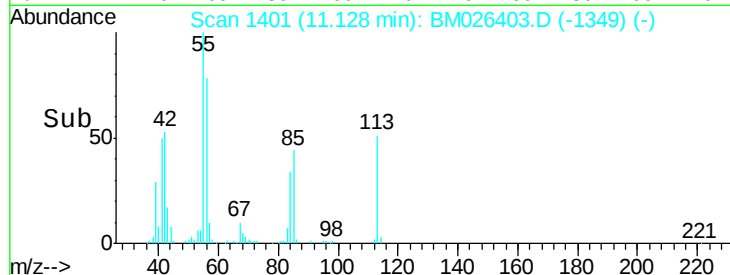
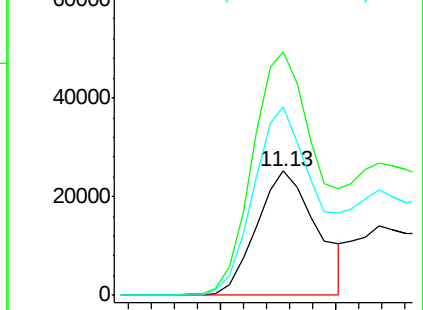
56 152.4 134.8 174.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 47.866 ng

RT: 11.48 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

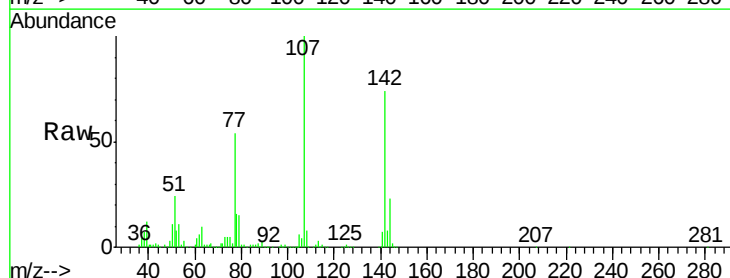
Tgt Ion:107 Resp: 359043

Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

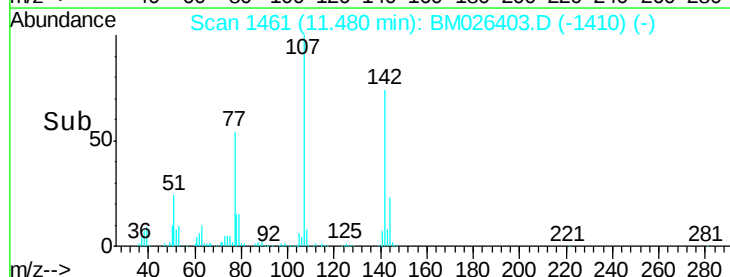
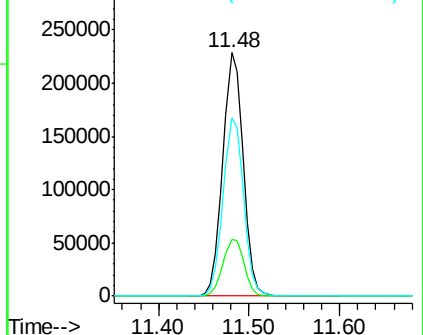
142 73.5 57.7 86.5

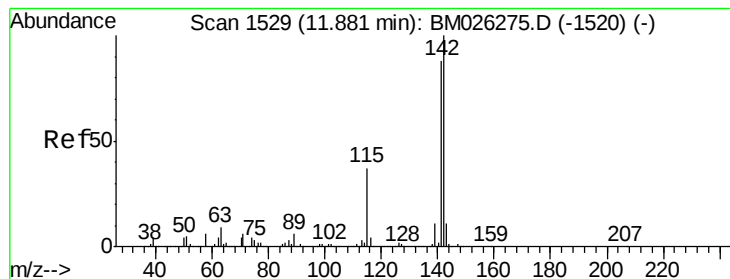


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.618 ng

RT: 11.83 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

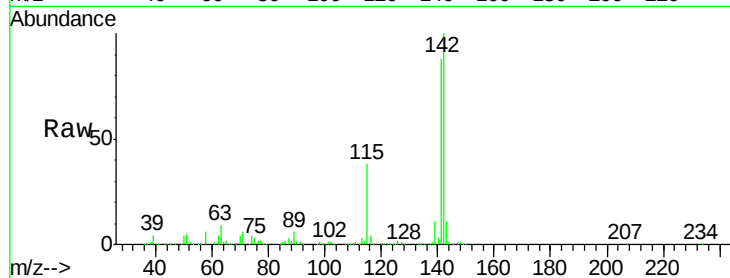
Tot Ion:142 Resp: 705105

Ion Ratio Lower Upper

142 100

141 88.3 70.5 105.7

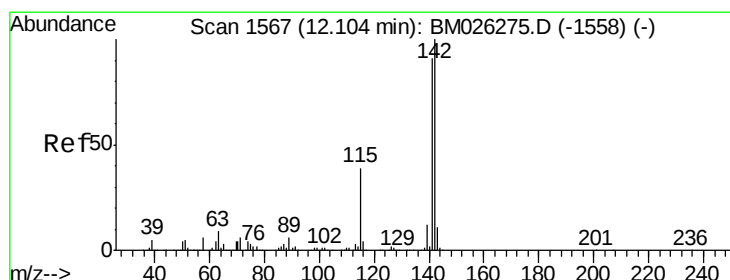
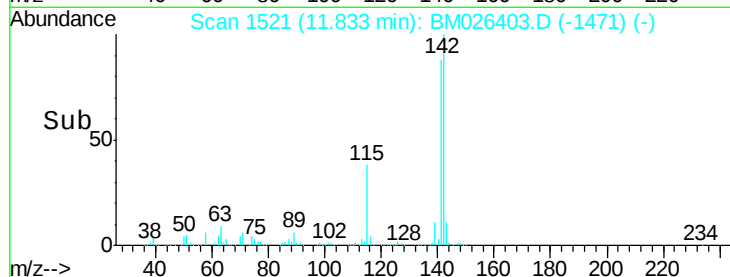
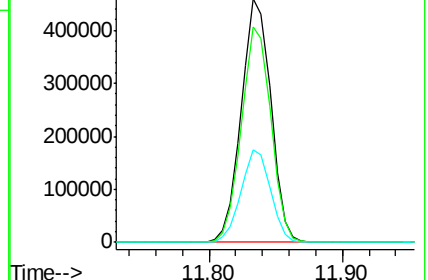
115 38.2 30.2 45.4



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: 46.765 ng

RT: 12.06 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

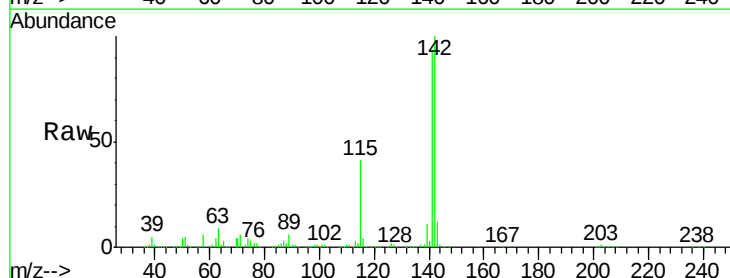
Tgt Ion:142 Resp: 670061

Ion Ratio Lower Upper

142 100

141 93.4 73.3 109.9

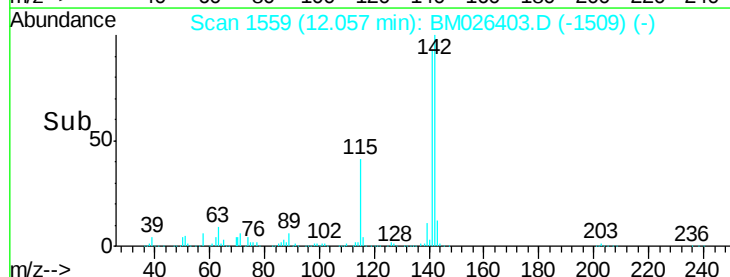
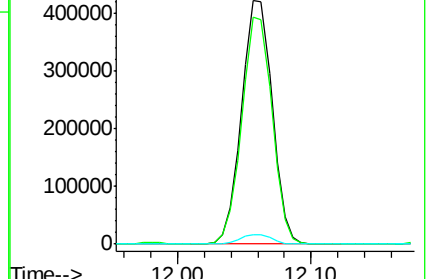
116 4.0 3.4 5.0

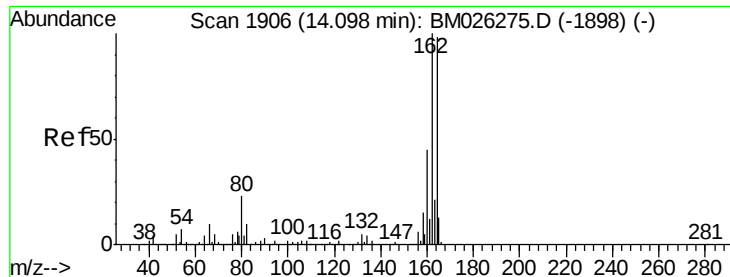


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.06 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

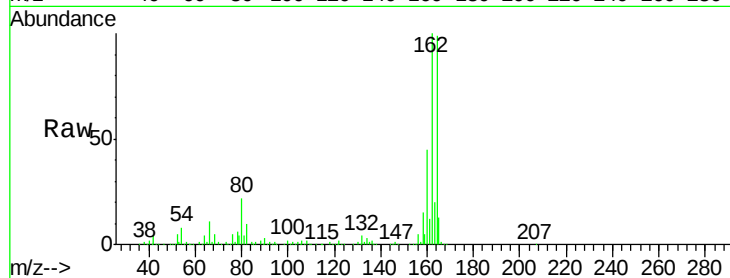
Tot Ion:164 Resp: 259389

Ion Ratio Lower Upper

164 100

162 101.2 77.7 116.5

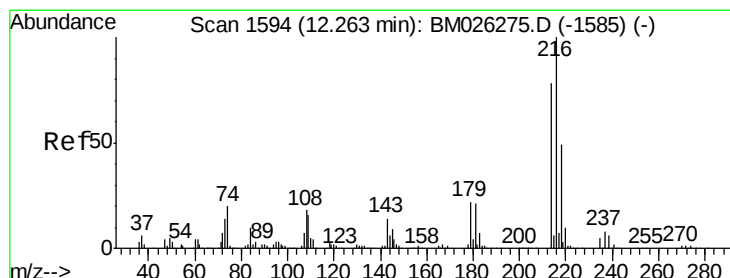
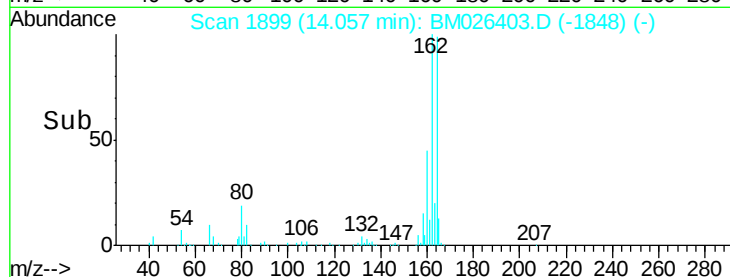
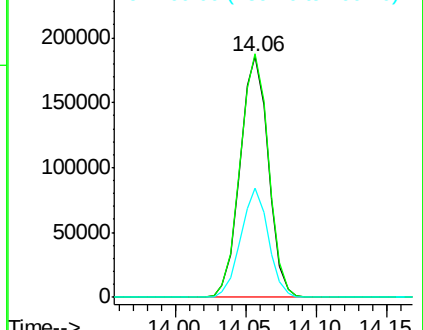
160 45.1 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.808 ng

RT: 12.22 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Tgt Ion:216 Resp: 360385

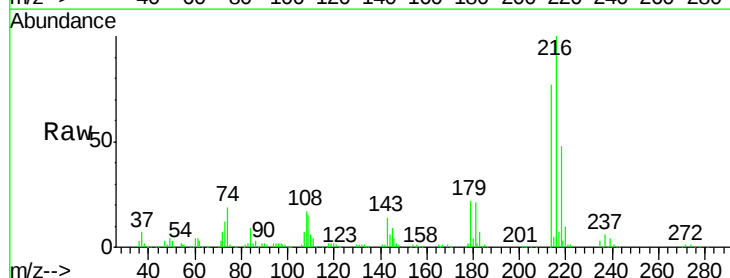
Ion Ratio Lower Upper

216 100

214 77.5 61.9 92.9

179 21.2 16.3 24.5

108 21.8 15.3 22.9

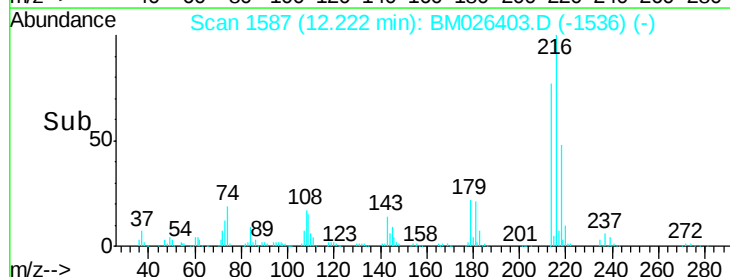
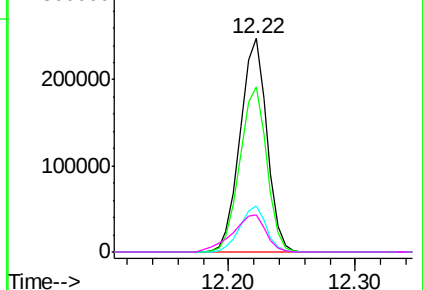


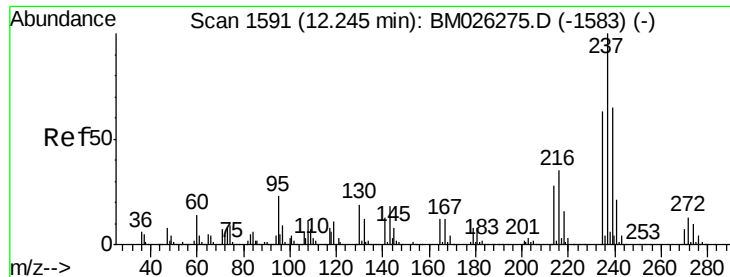
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.120 ng

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

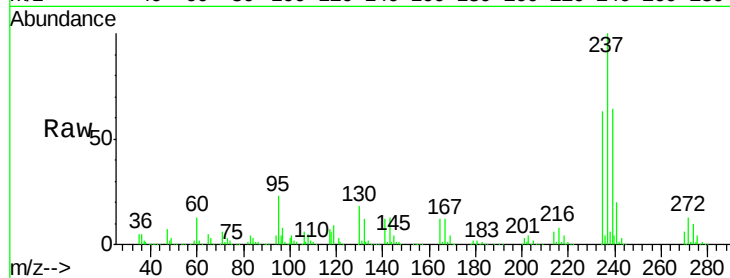
Tot Ion:237 Resp: 418243

Ion Ratio Lower Upper

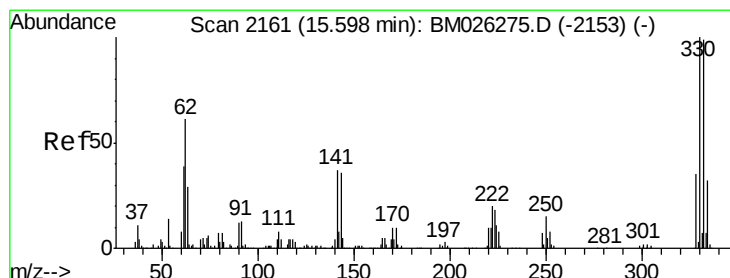
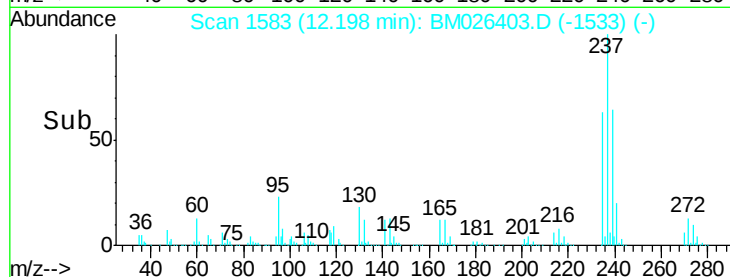
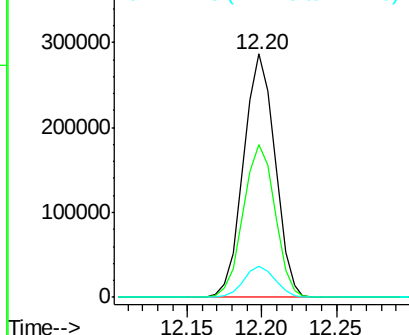
237 100

235 63.0 42.1 82.1

272 12.9 0.0 33.5



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: 128.015 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

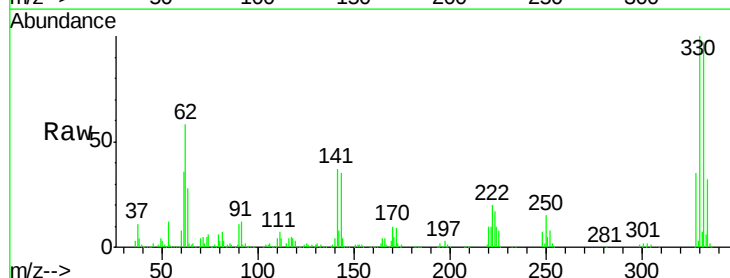
Tgt Ion:330 Resp: 402236

Ion Ratio Lower Upper

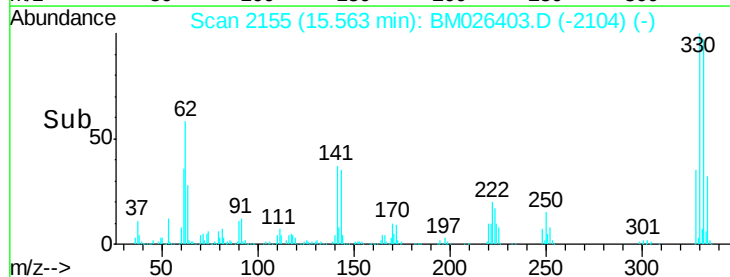
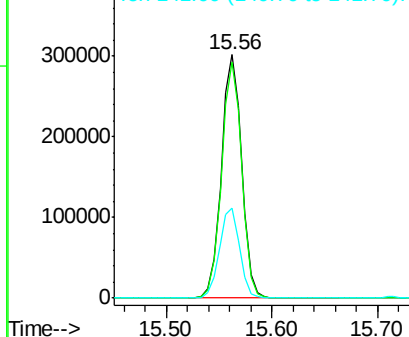
330 100

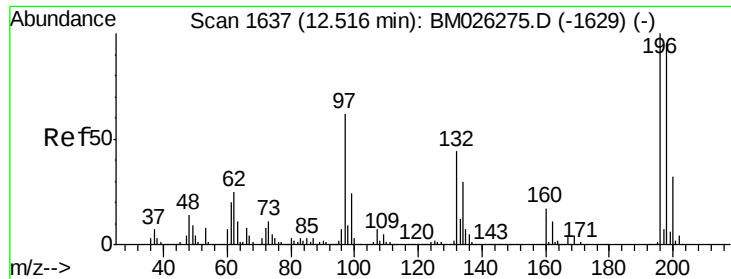
332 96.2 77.7 116.5

141 37.3 29.7 44.5



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

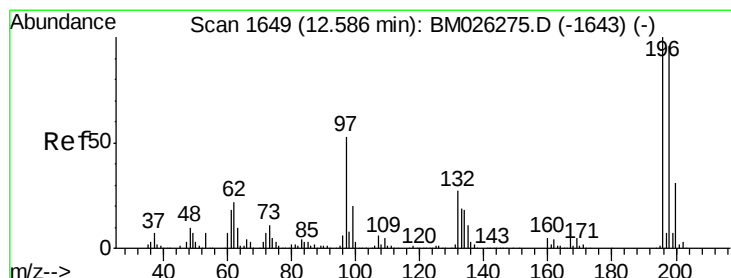
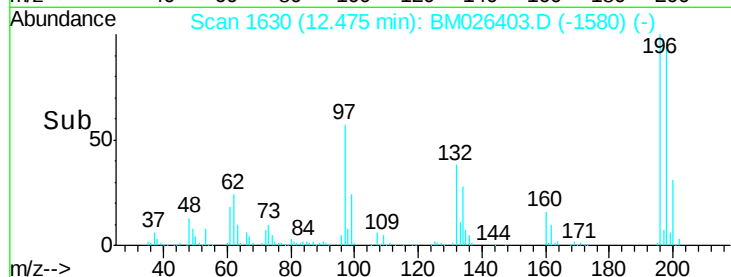
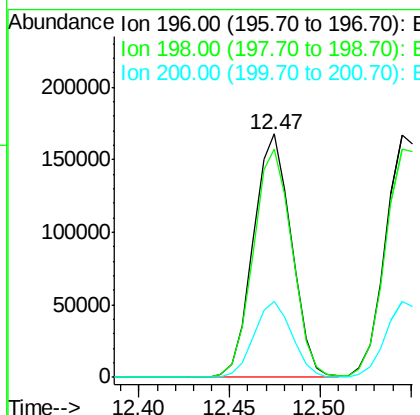
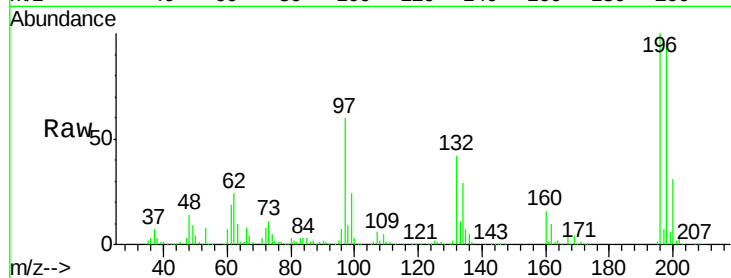




#43
 2,4,6-Trichlorophenol
 Concen: 49.114 ng
 RT: 12.47 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

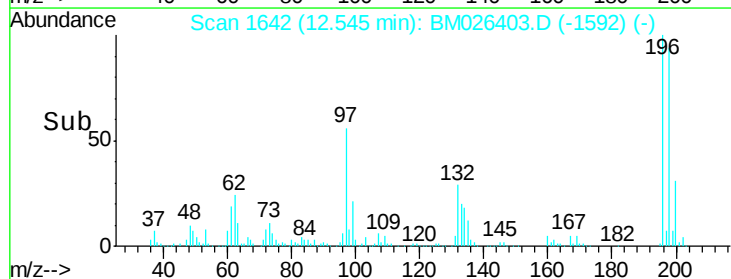
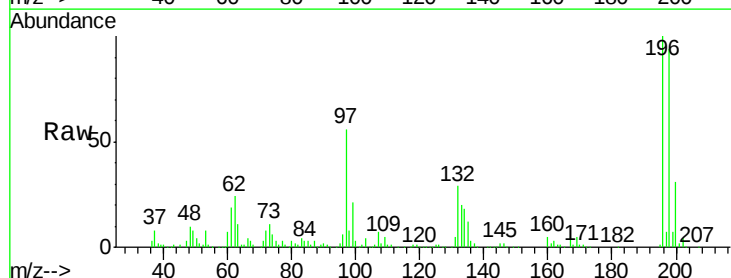
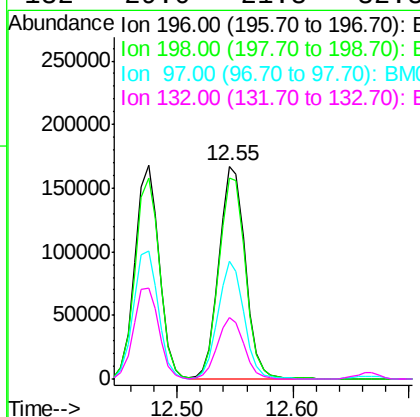
Instrument :
 BNA_M
 ClientSampleId :
 294MSD

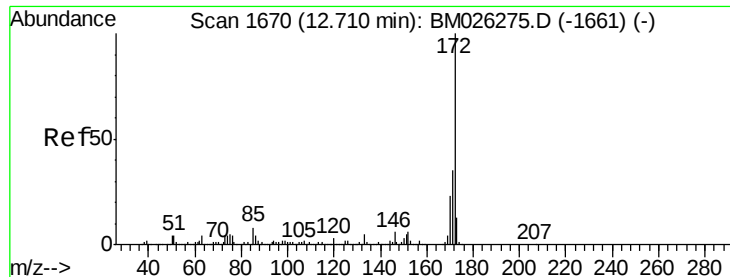
Tot Ion:196 Resp: 245460
 Ion Ratio Lower Upper
 196 100
 198 93.9 79.0 118.4
 200 31.0 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.426 ng
 RT: 12.55 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Tgt Ion:196 Resp: 263522
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.1 115.7
 97 55.5 43.0 64.4
 132 29.0 21.8 32.8

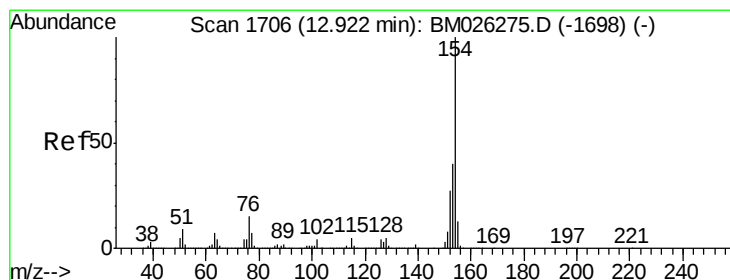
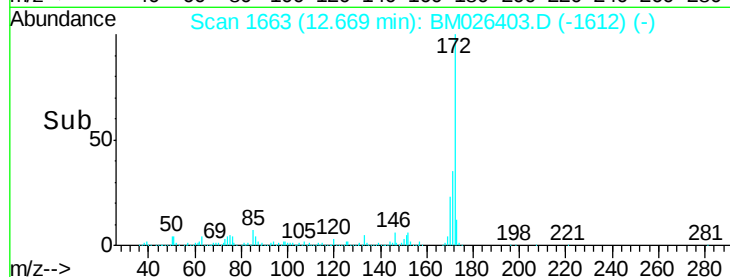
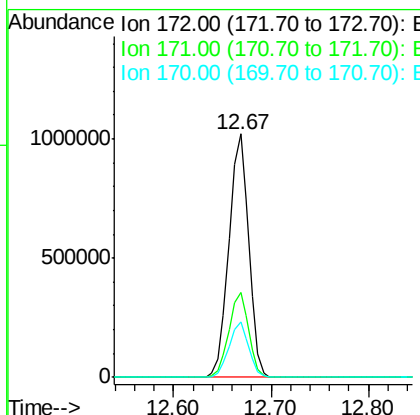
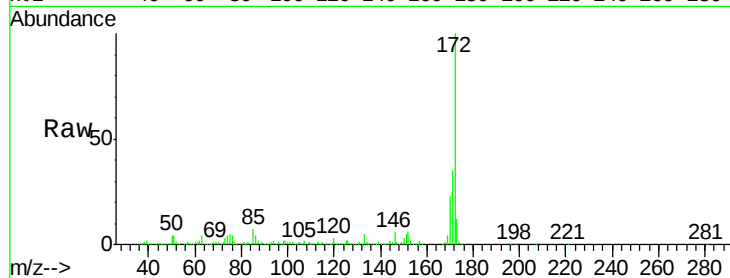




#45
2-Fluorobiphenyl
Concen: 84.039 ng
RT: 12.67 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

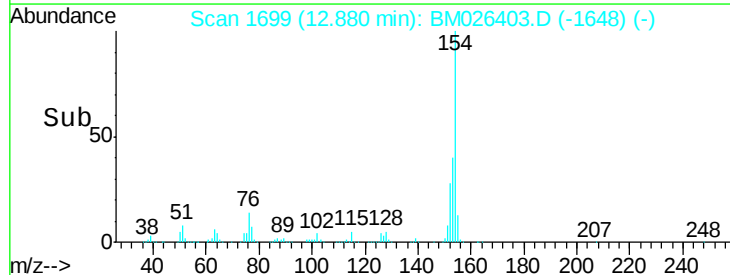
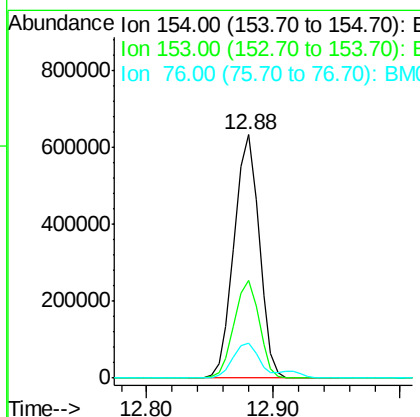
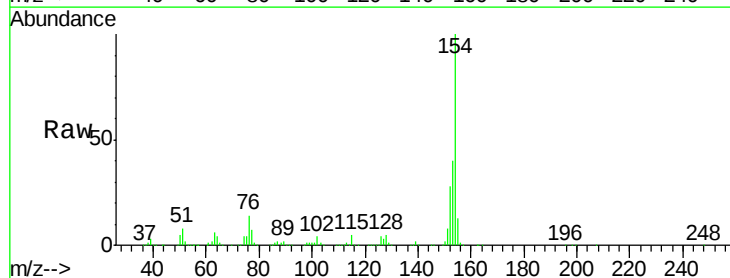
Instrument :
BNA_M
ClientSampleId :
294MSD

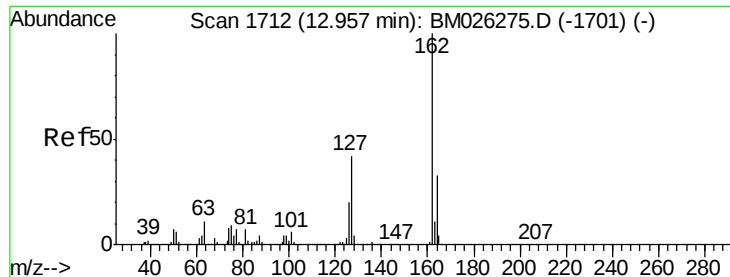
Tot Ion:172 Resp: 1436052
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.8 18.2 27.4



#46
1,1'-Biphenyl
Concen: 47.826 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:154 Resp: 869732
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 14.4 0.0 34.6

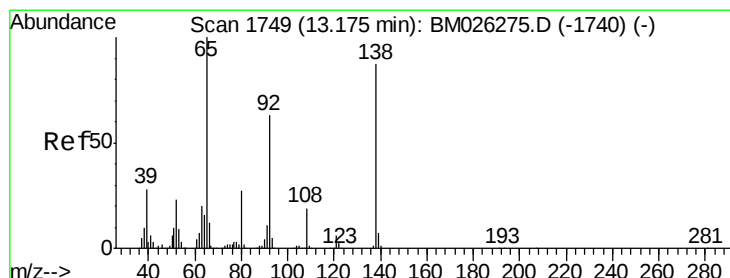
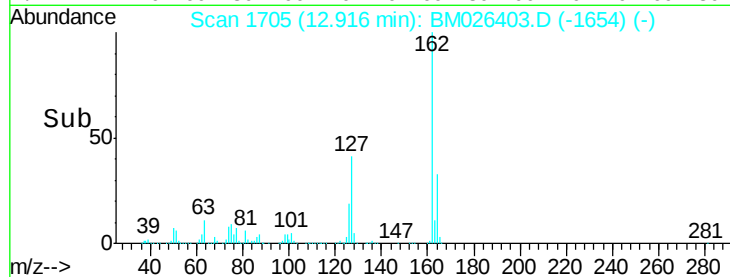
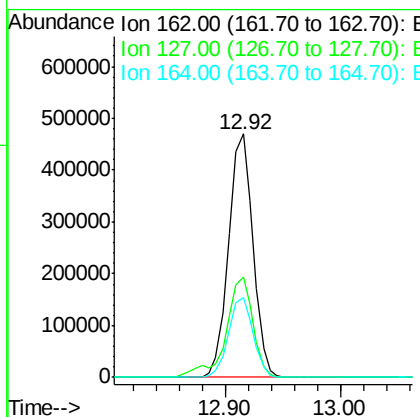
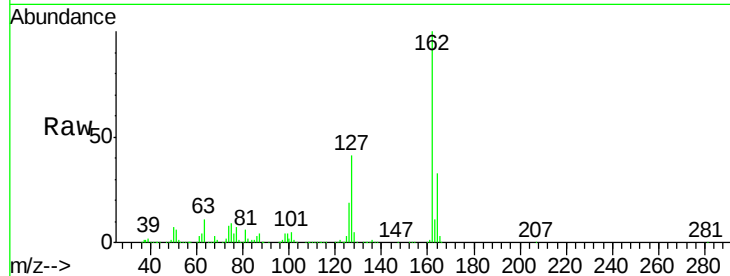




#47
 2-Chloronaphthalene
 Concen: 46.448 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

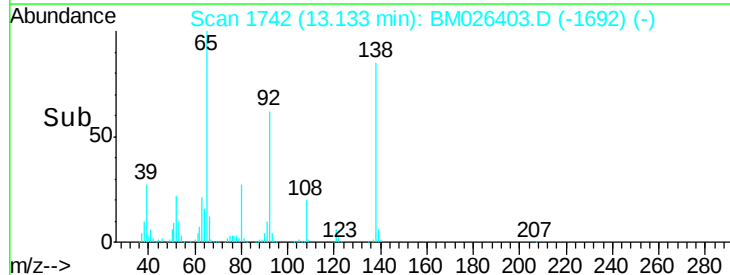
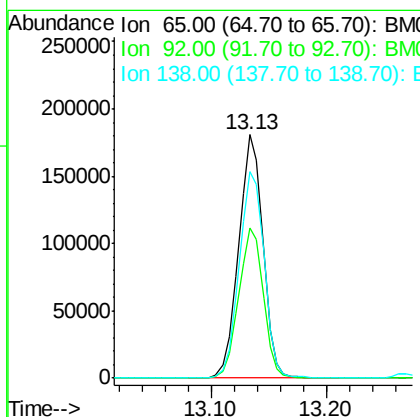
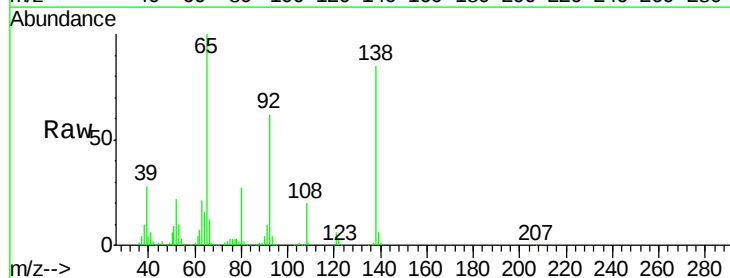
Instrument :
 BNA_M
 ClientSampleId :
 294MSD

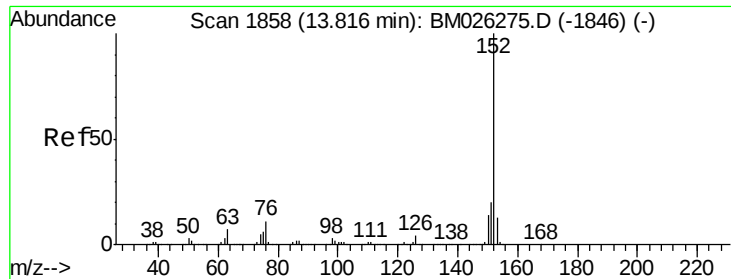
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	32.9	26.3	39.5



#48
 2-Nitroaniline
 Concen: 45.083 ng
 RT: 13.13 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.8	50.6	76.0
138	84.8	71.6	107.4





#49

Acenaphthylene

Concen: 46.724 ng

RT: 13.77 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

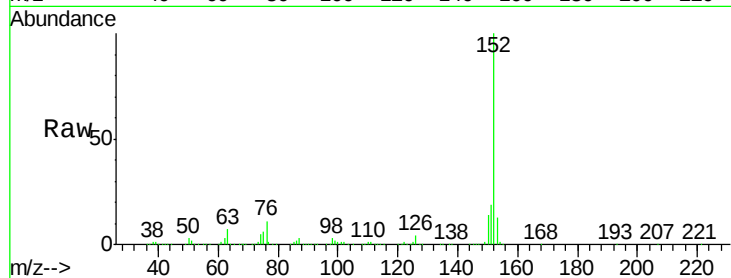
Tot Ion:152 Resp: 1103878

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

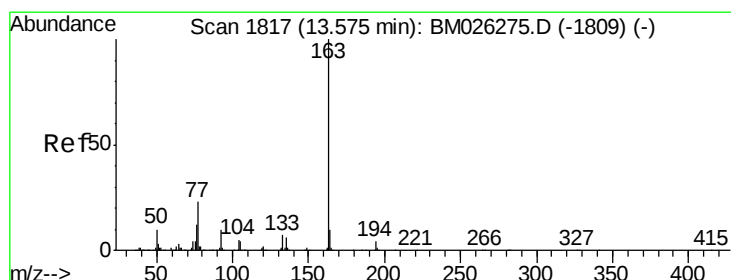
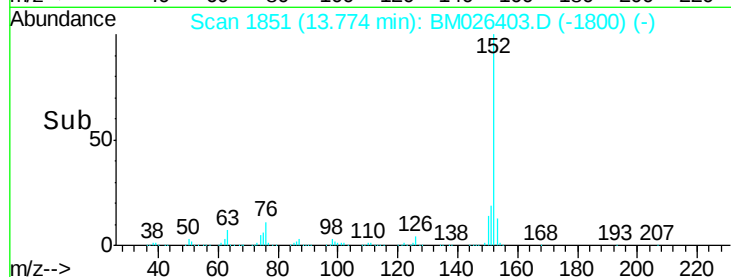
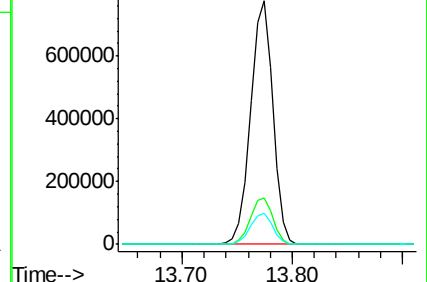
153 12.6 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.883 ng

RT: 13.54 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

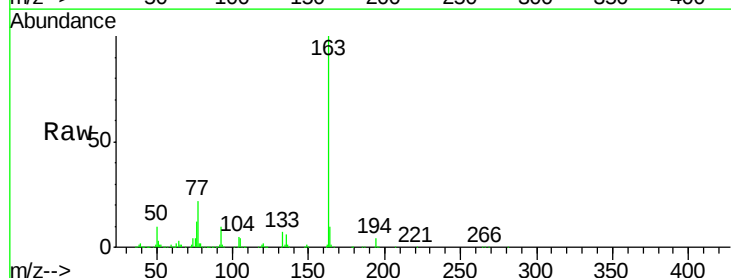
Tgt Ion:163 Resp: 1117149

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

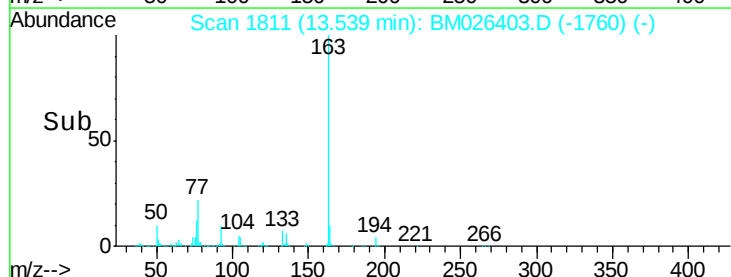
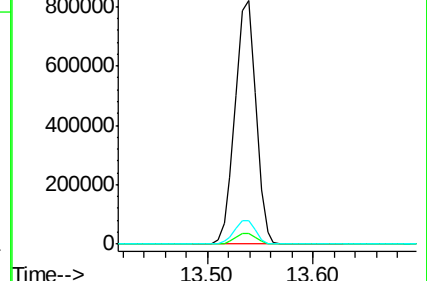
164 9.8 7.8 11.8

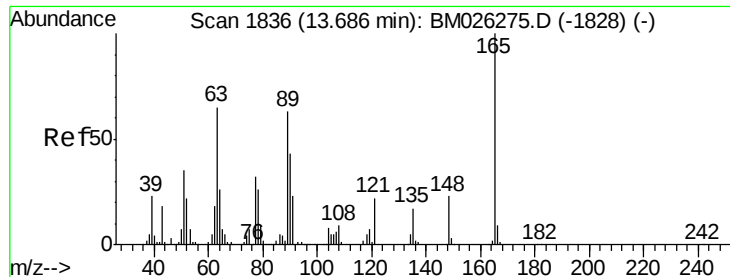


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

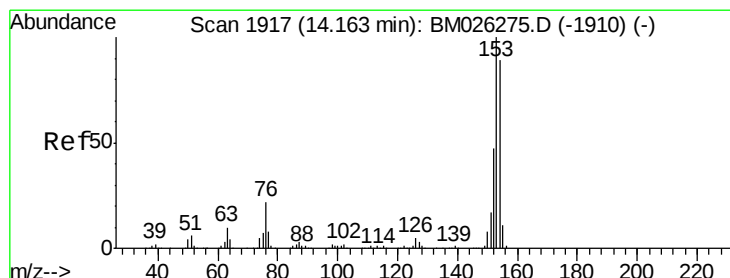
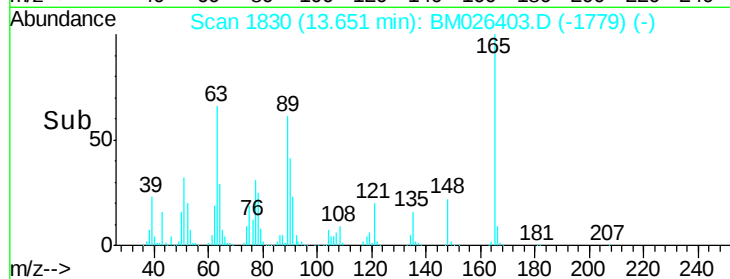
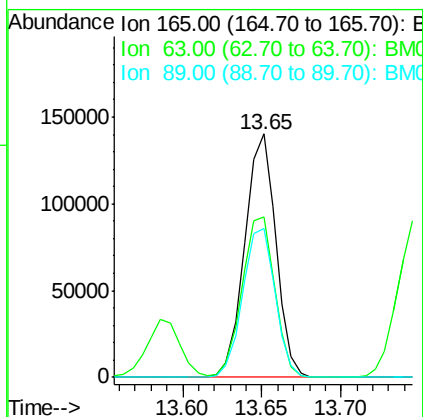
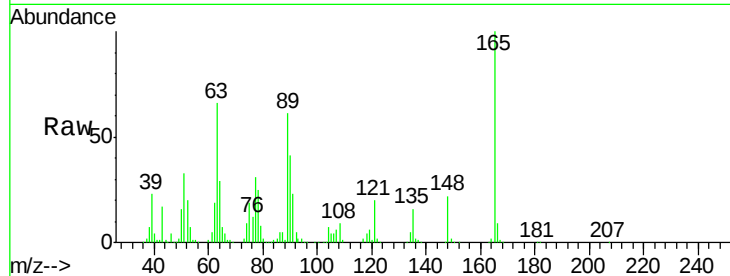




#51
2,6-Dinitrotoluene
Concen: 45.974 ng
RT: 13.65 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

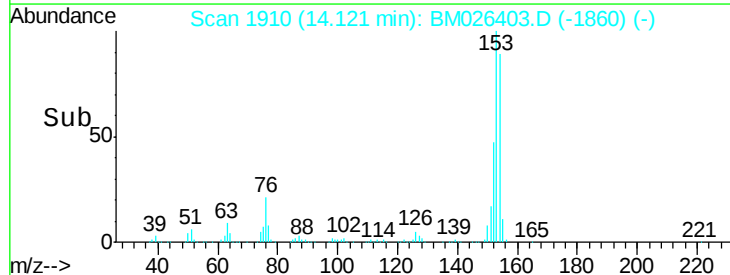
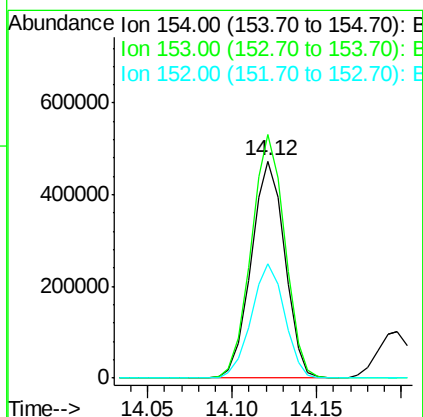
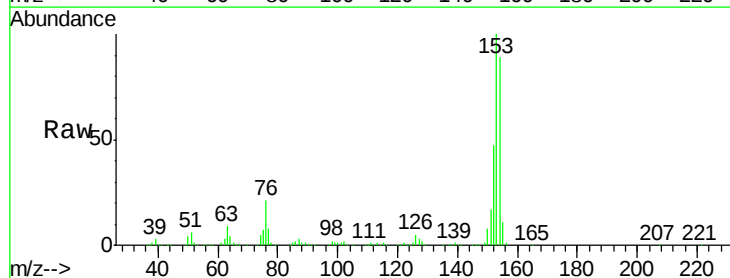
Instrument :
BNA_M
ClientSampleId :
294MSD

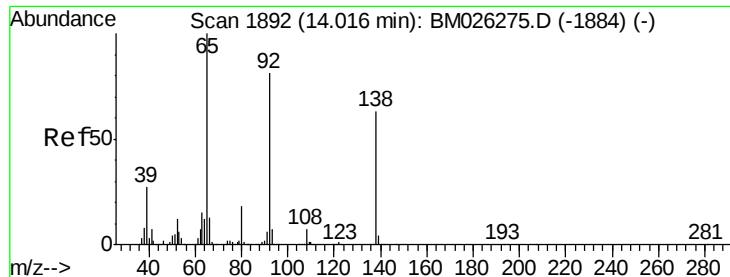
Tot Ion:165 Resp: 191399
Ion Ratio Lower Upper
165 100
63 65.9 54.3 81.5
89 61.3 51.5 77.3



#52
Acenaphthene
Concen: 46.371 ng
RT: 14.12 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:154 Resp: 657681
Ion Ratio Lower Upper
154 100
153 112.0 88.6 132.8
152 52.3 42.0 63.0





#53

3-Nitroaniline

Concen: 27.247 ng

RT: 13.97 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

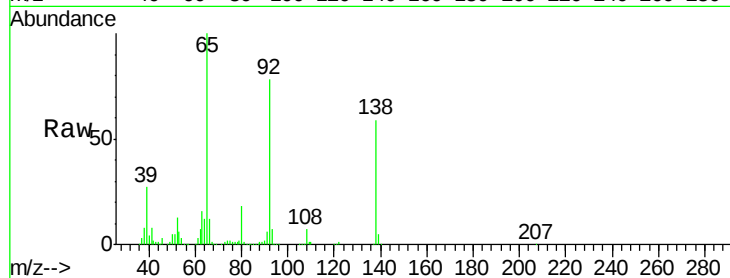
Tot Ion:138 Resp: 126315

Ion Ratio Lower Upper

138 100

108 12.3 9.4 14.0

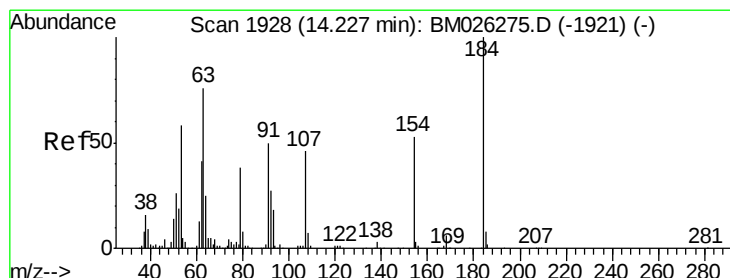
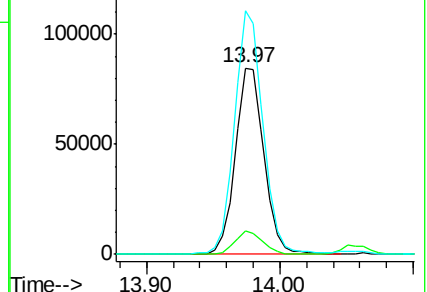
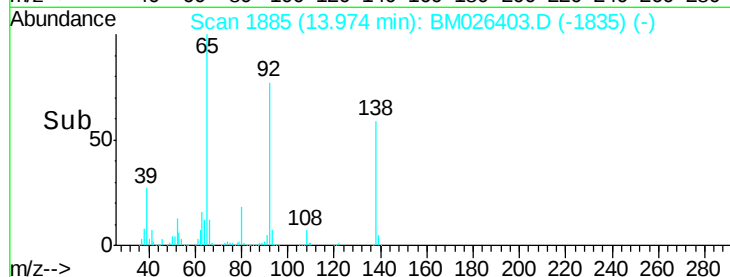
92 130.9 105.4 158.2



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): BM



#54

2,4-Dinitrophenol

Concen: 90.340 ng

RT: 14.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

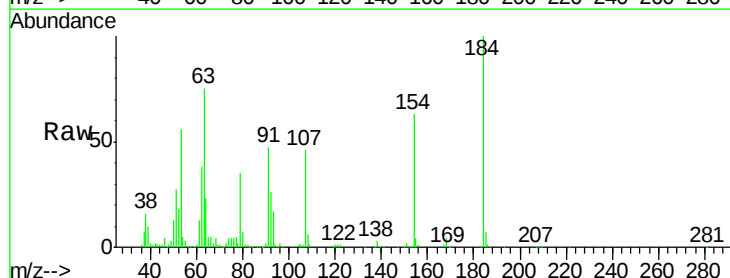
Tgt Ion:184 Resp: 228584

Ion Ratio Lower Upper

184 100

63 75.2 61.8 92.6

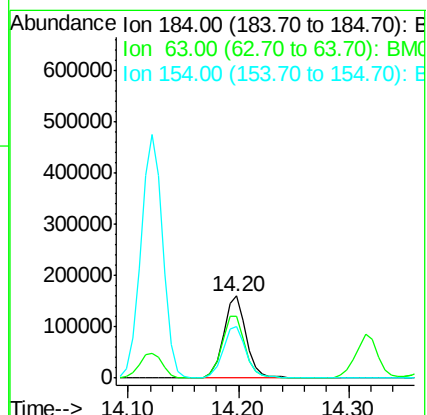
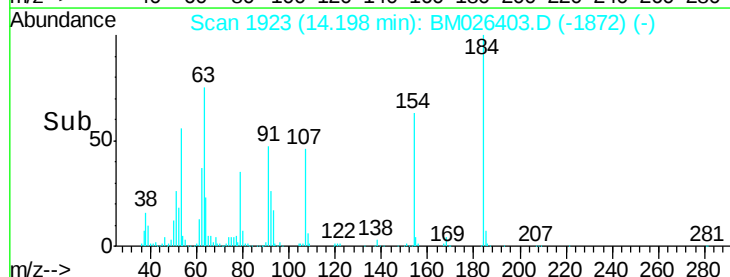
154 63.4 53.1 79.7

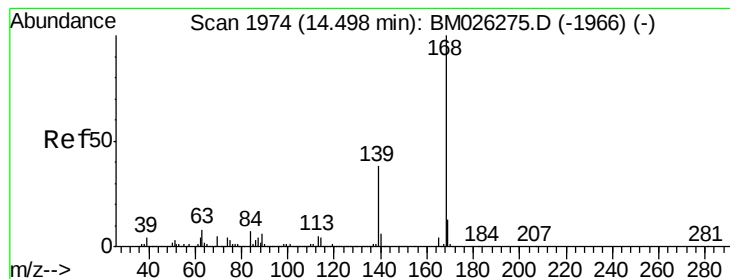


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.817 ng

RT: 14.46 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampled :

294MSD

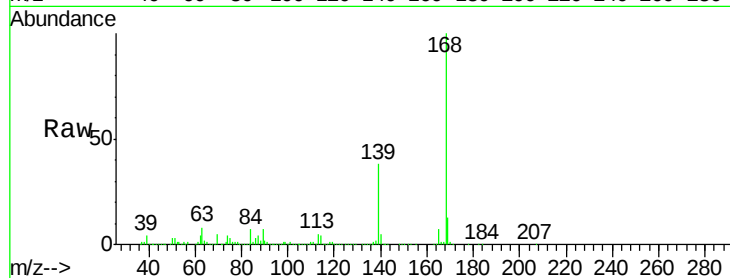
Tot Ion:168 Resp: 1047028

Ion Ratio Lower Upper

168 100

139 38.2 31.4 47.0

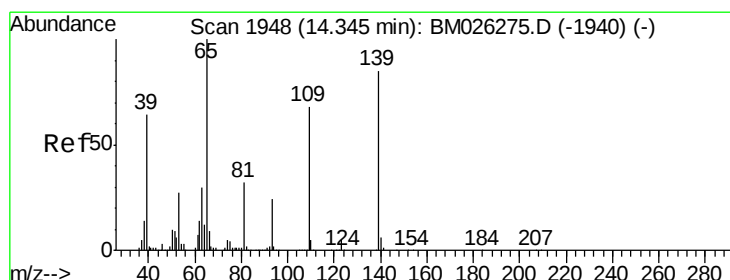
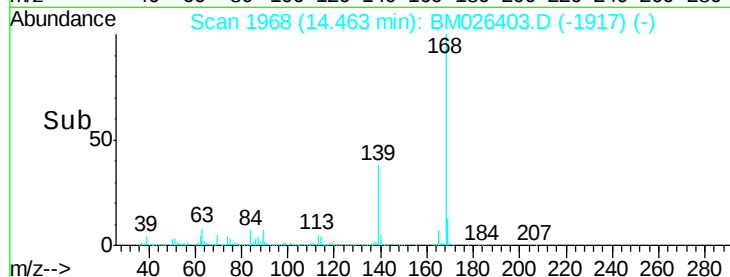
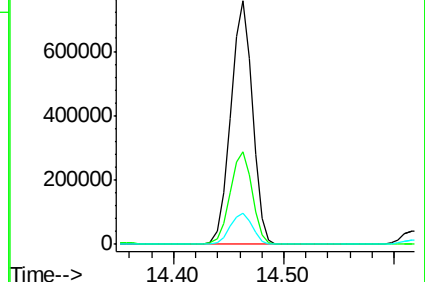
169 12.9 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.473 ng

RT: 14.32 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

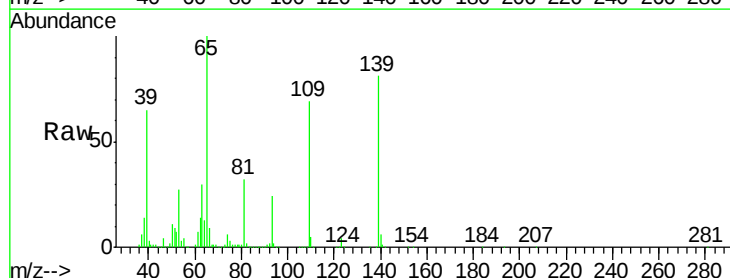
Tgt Ion:139 Resp: 339965

Ion Ratio Lower Upper

139 100

109 84.5 64.9 104.9

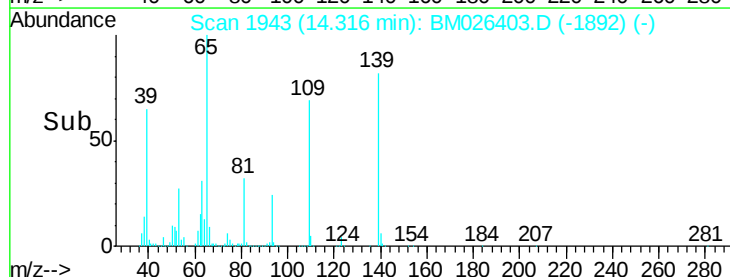
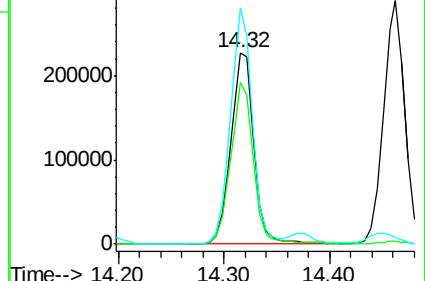
65 123.2 98.1 138.1

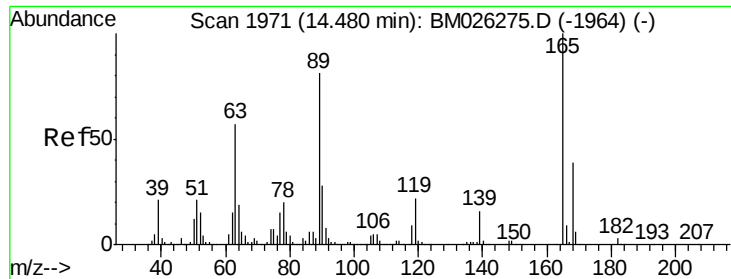


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

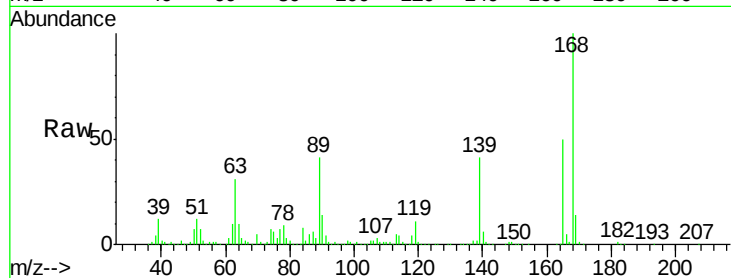




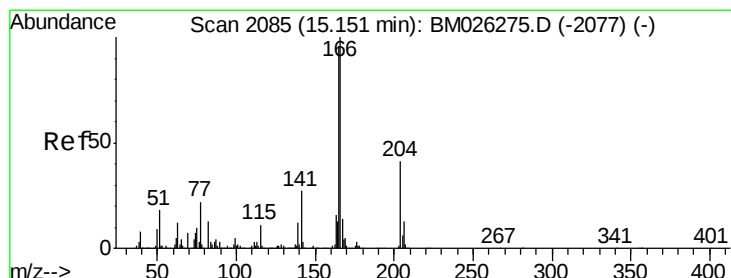
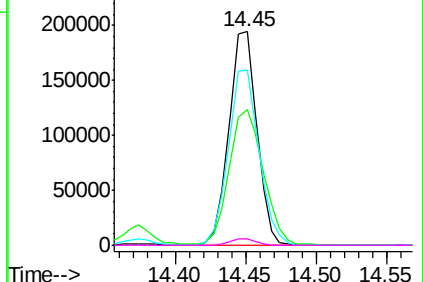
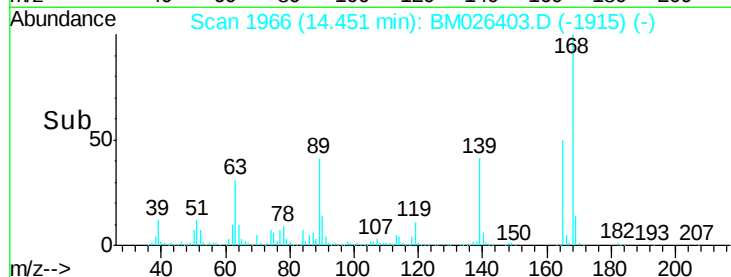
#57
2,4-Dinitrotoluene
Concen: 46.473 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Instrument :
BNA_M
ClientSampleId :
294MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.4	48.1	72.1
89	82.1	65.6	98.4
182	3.0	2.7	4.1

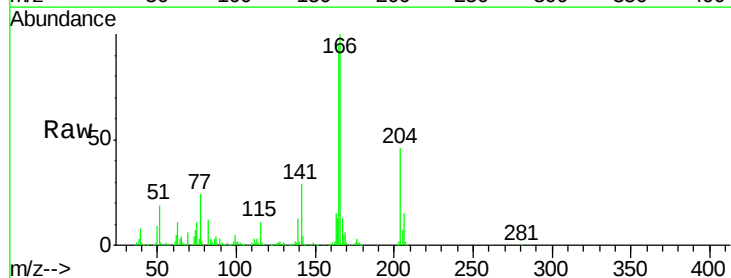


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

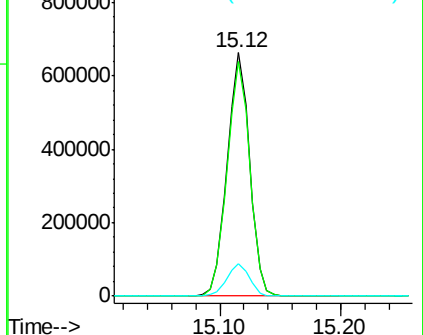
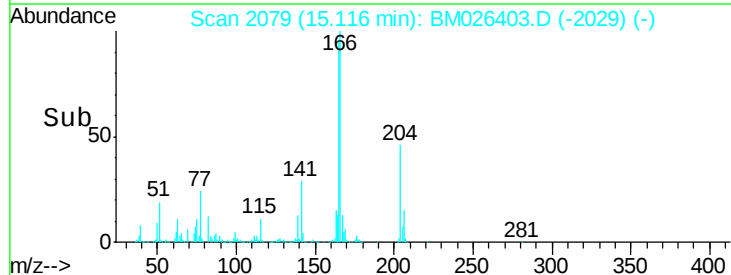


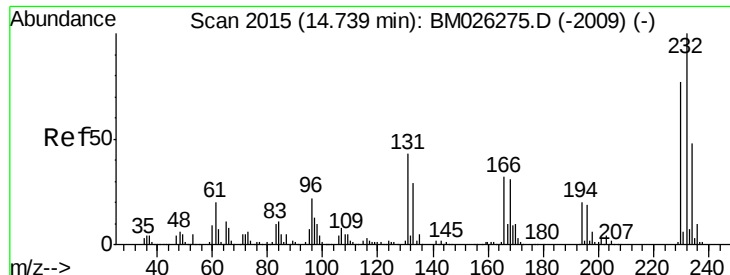
#58
Fluorene
Concen: 46.186 ng
RT: 15.12 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.5	116.3
167	13.3	10.9	16.3



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

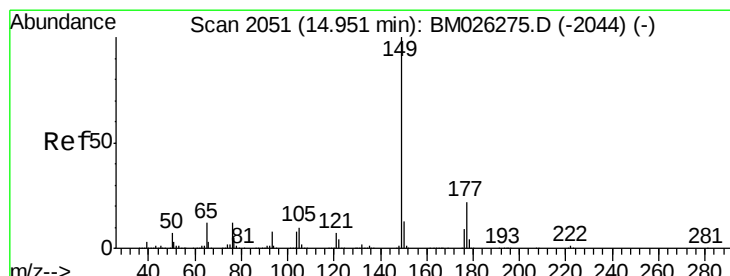
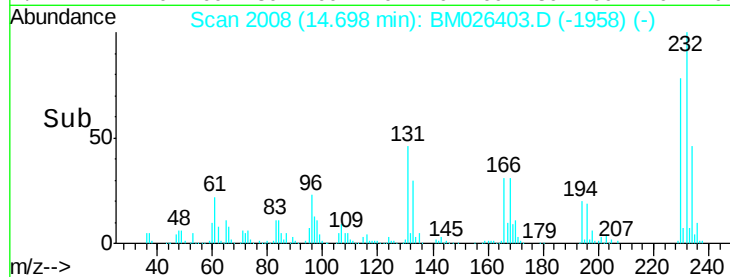
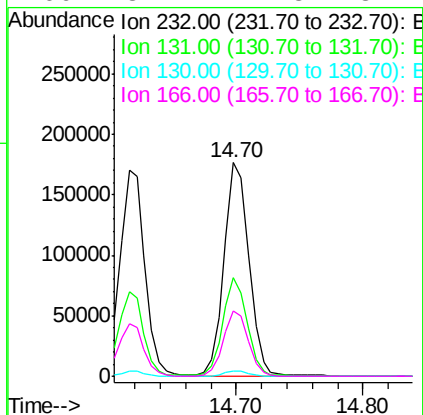
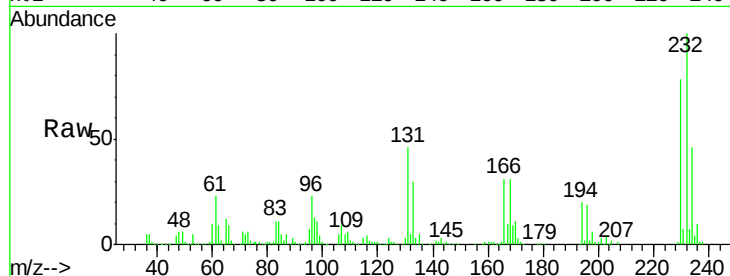




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.267 ng
 RT: 14.70 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

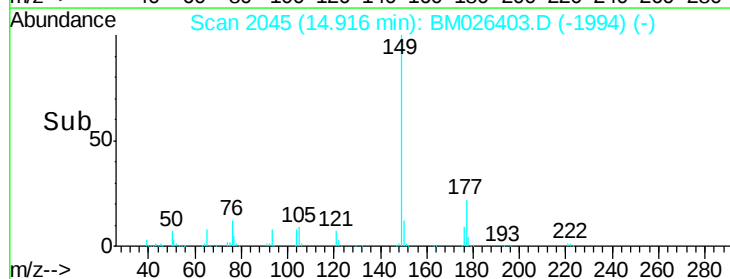
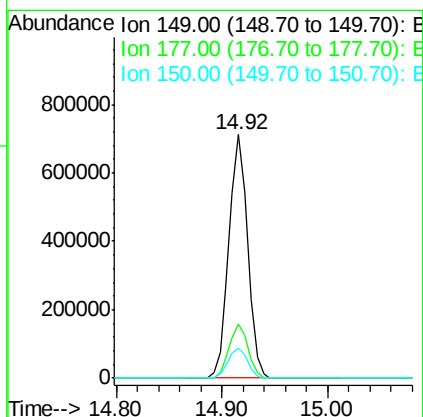
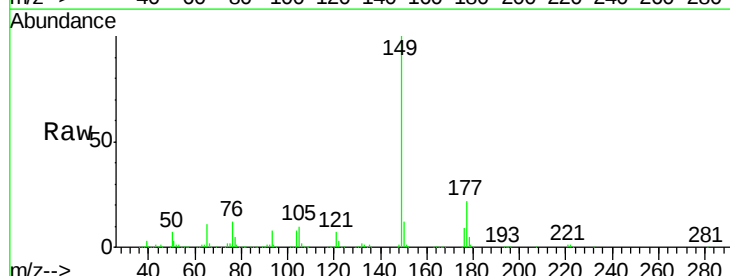
Instrument :
 BNA_M
 ClientSampled :
 294MSD

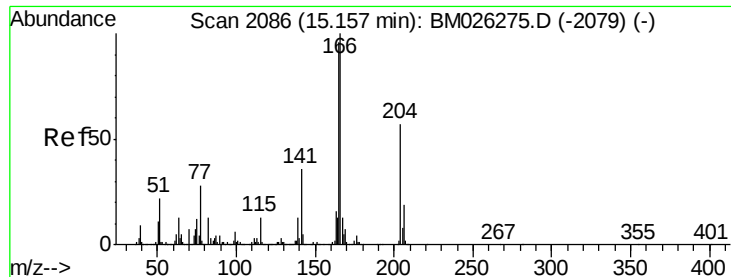
Tot Ion:	232	Resp:	239497
Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.4	54.6
130	2.5	2.0	3.0
166	31.1	24.8	37.2



#60
 Diethylphthalate
 Concen: 45.009 ng
 RT: 14.92 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Tgt Ion:	149	Resp:	869777
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.4	9.9	14.9

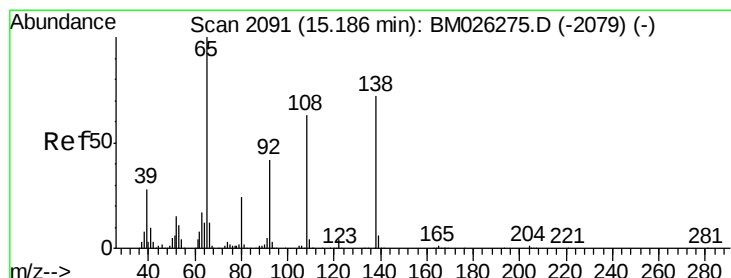
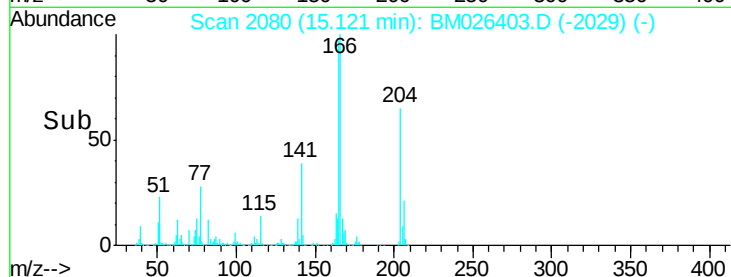
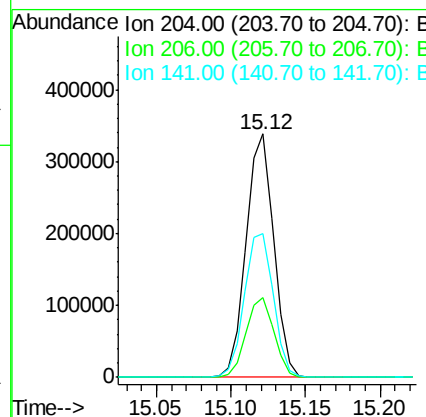
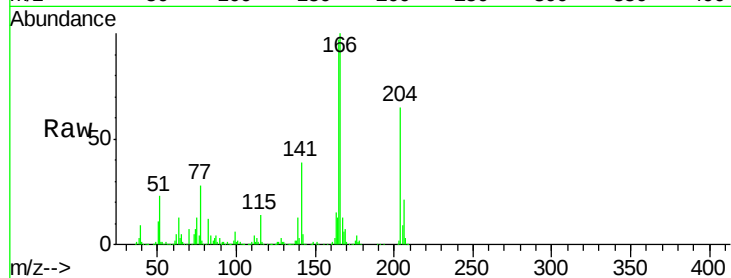




#61
 4-Chlorophenyl-phenylether
 Concen: 44.062 ng
 RT: 15.12 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

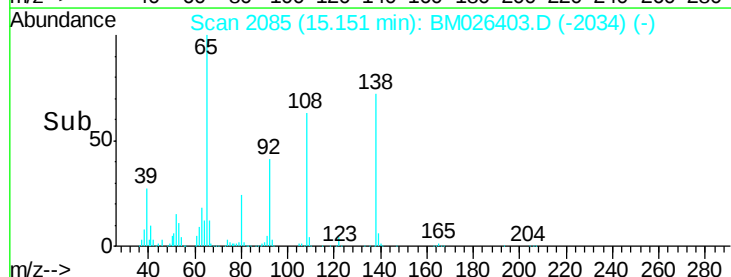
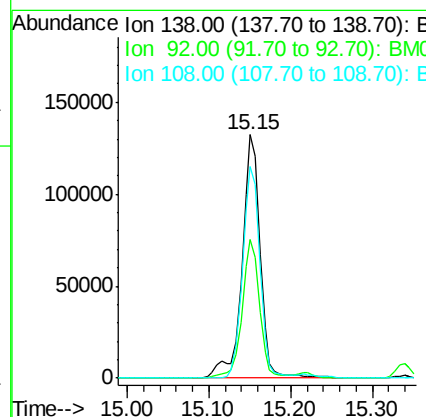
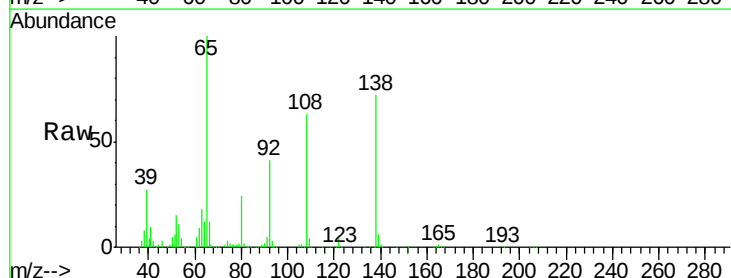
Instrument :
 BNA_M
 ClientSampleId :
 294MSD

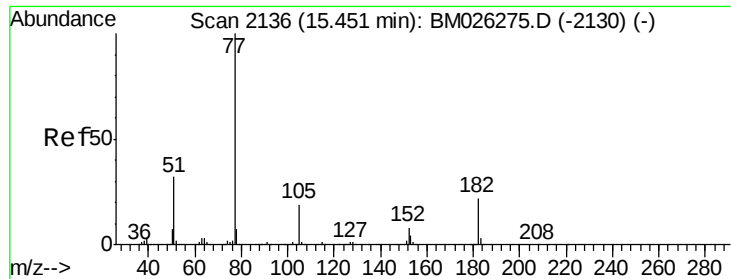
Tot Ion:204 Resp: 433812
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.6 40.0
 141 59.1 49.4 74.2



#62
 4-Nitroaniline
 Concen: 41.525 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Tgt Ion:138 Resp: 205298
 Ion Ratio Lower Upper
 138 100
 92 56.9 37.5 77.5
 108 87.0 66.3 106.3





#63

Azobenzene

Concen: 45.877 ng

RT: 15.42 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

Tot Ion: 77 Resp: 969986

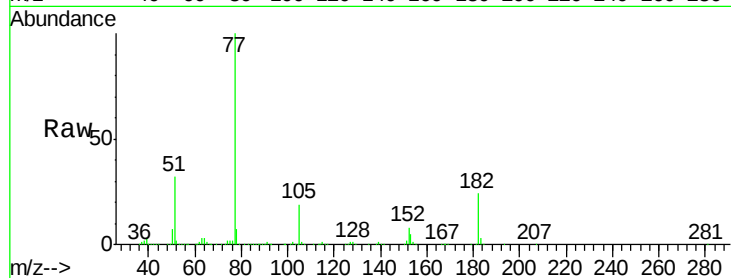
Ion Ratio Lower Upper

77 100

182 23.6 2.1 42.1

105 19.0 0.0 38.3

51 32.3 13.5 53.5

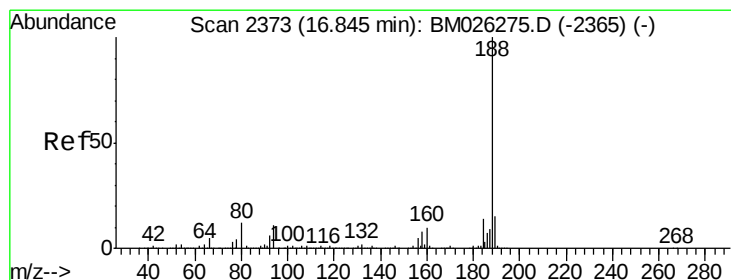
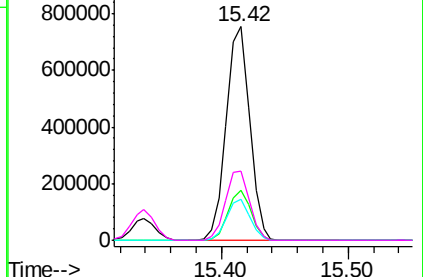
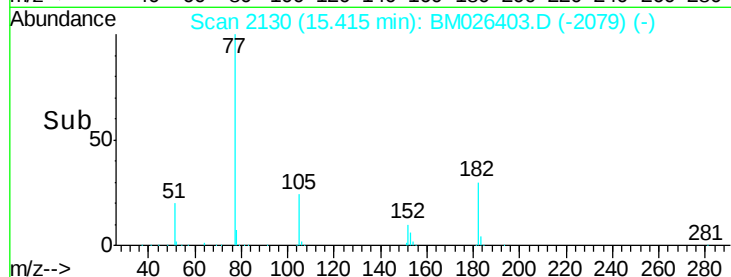


Abundance Ion 77.00 (76.70 to 77.70): BM0

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.81 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

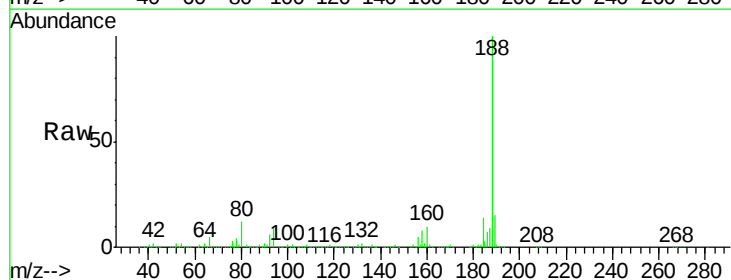
Tgt Ion: 188 Resp: 551176

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

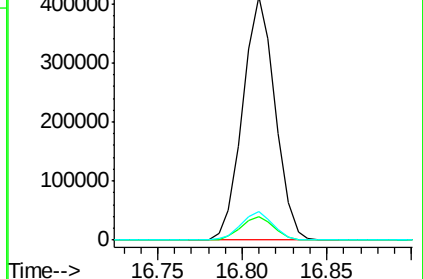
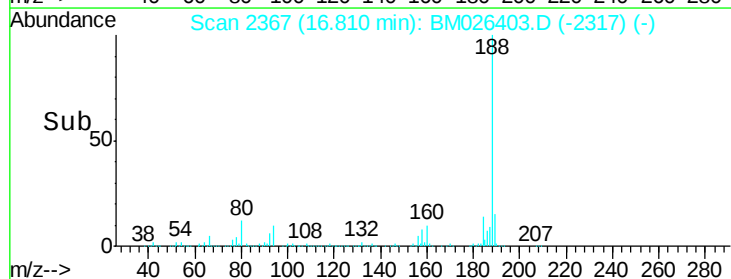
80 11.6 9.5 14.3

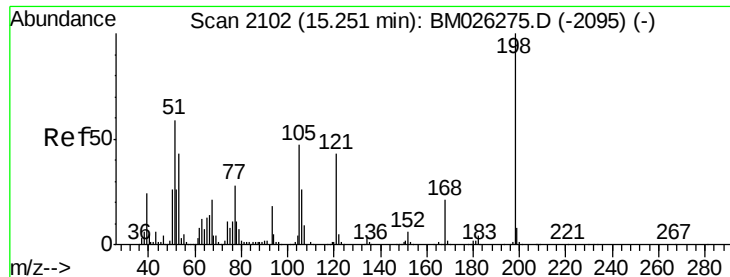


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 46.652 ng

RT: 15.22 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

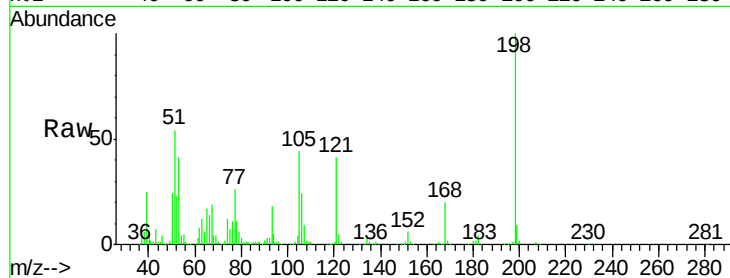
Tot Ion:198 Resp: 156364

Ion Ratio Lower Upper

198 100

51 53.9 35.6 75.6

105 43.9 24.3 64.3



Abundance Ion 198.00 (197.70 to 198.70): E

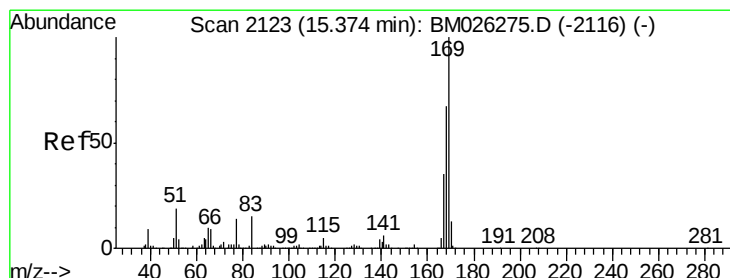
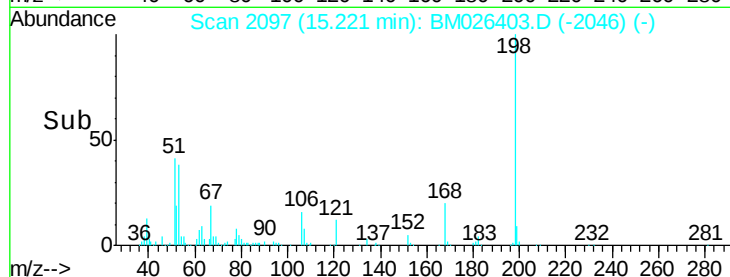
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

15.22

15.30

Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.623 ng

RT: 15.34 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

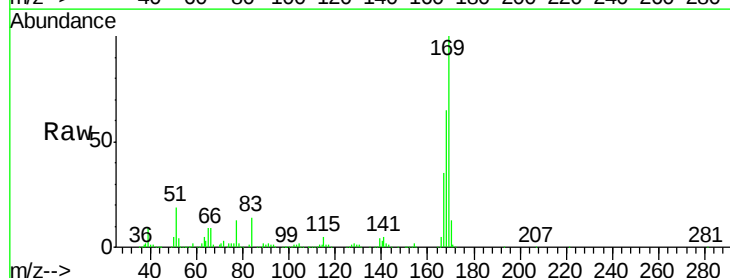
Tgt Ion:169 Resp: 744446

Ion Ratio Lower Upper

169 100

168 64.6 51.6 77.4

167 35.0 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E

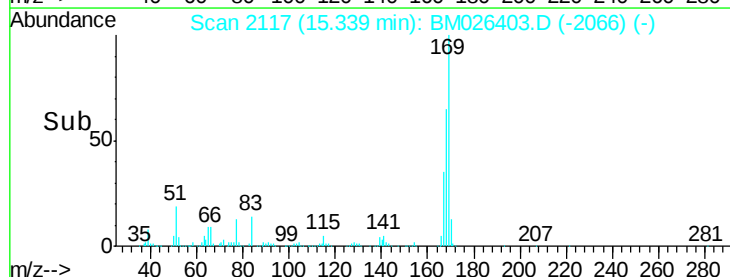
Ion 168.00 (167.70 to 168.70): E

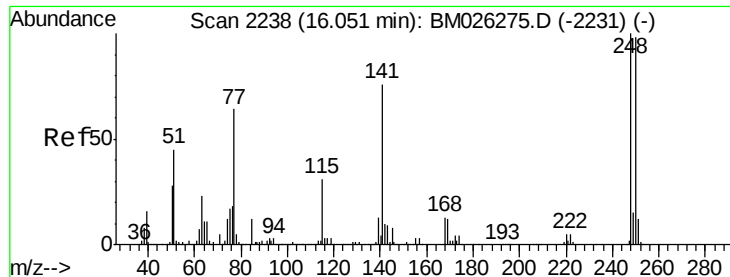
Ion 167.00 (166.70 to 167.70): E

15.34

15.40

Time-->

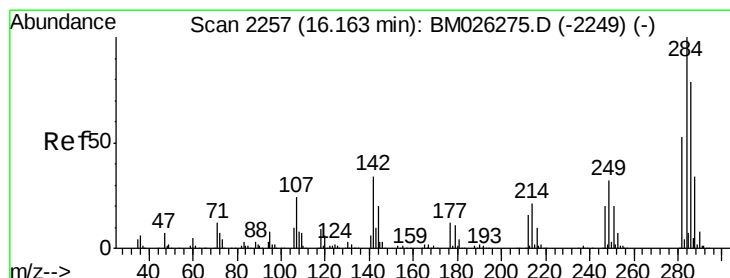
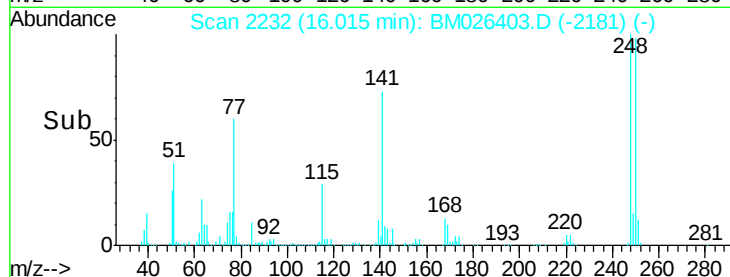
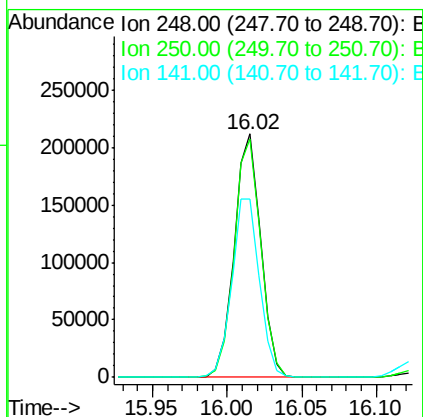
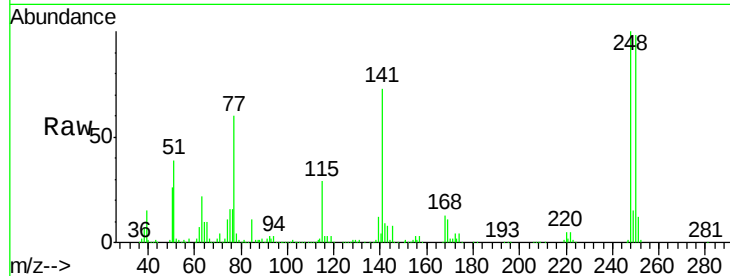




#67
4-Bromophenyl-phenylether
Concen: 43.397 ng
RT: 16.02 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

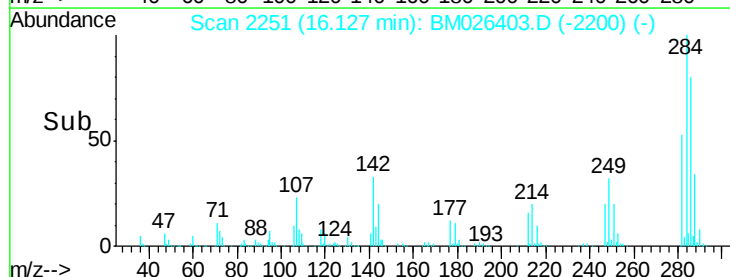
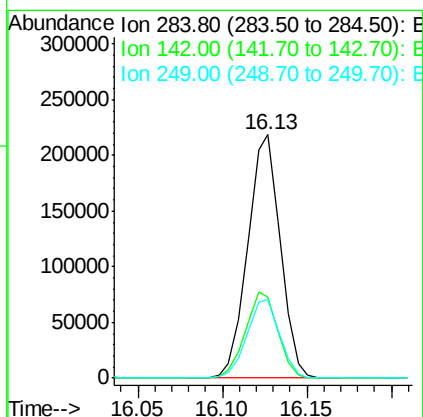
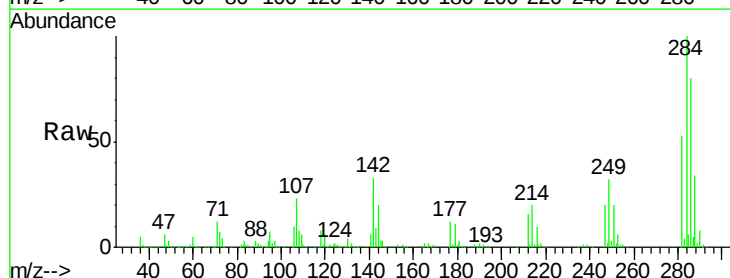
Instrument :
BNA_M
ClientSampled :
294MSD

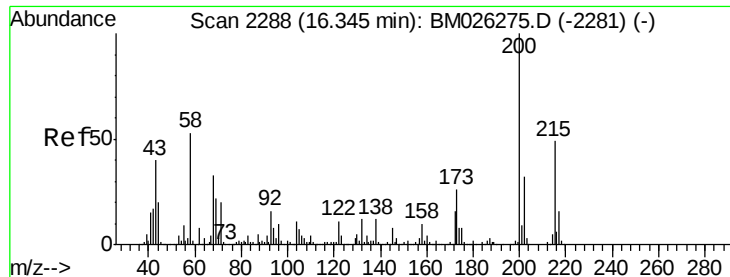
Tot Ion:248 Resp: 263312
Ion Ratio Lower Upper
248 100
250 97.7 78.4 117.6
141 73.4 60.6 91.0



#68
Hexachlorobenzene
Concen: 46.409 ng
RT: 16.13 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:284 Resp: 293829
Ion Ratio Lower Upper
284 100
142 33.2 29.1 43.7
249 32.2 27.2 40.8





#69

Atrazine

Concen: 50.843 ng

RT: 16.31 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

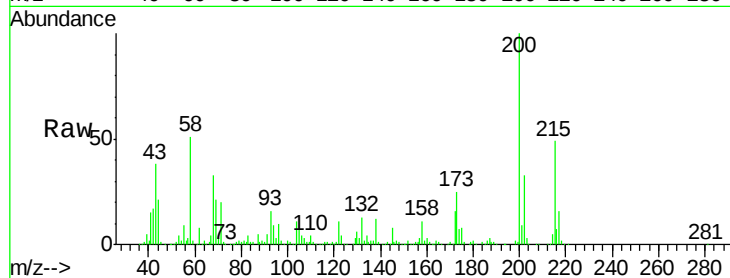
Tot Ion:200 Resp: 242535

Ion Ratio Lower Upper

200 100

173 24.6 6.6 46.6

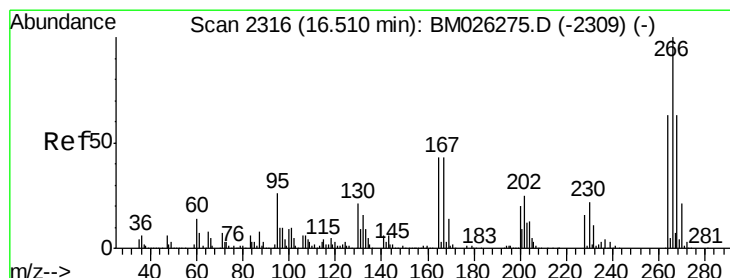
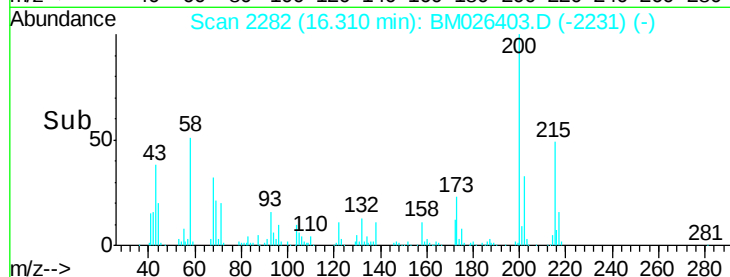
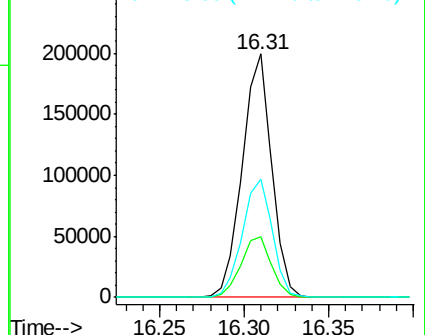
215 48.6 29.8 69.8



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: 96.167 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

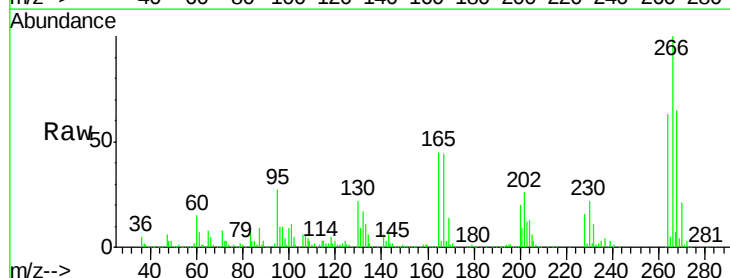
Tgt Ion:266 Resp: 366661

Ion Ratio Lower Upper

266 100

268 64.7 50.2 75.4

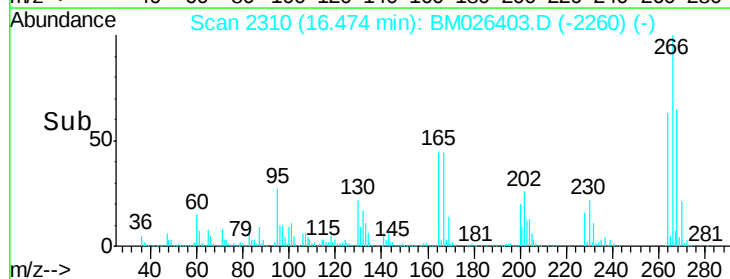
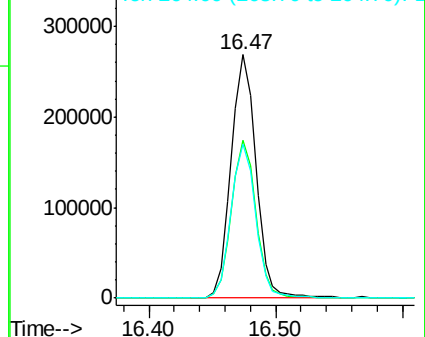
264 63.0 50.6 75.8

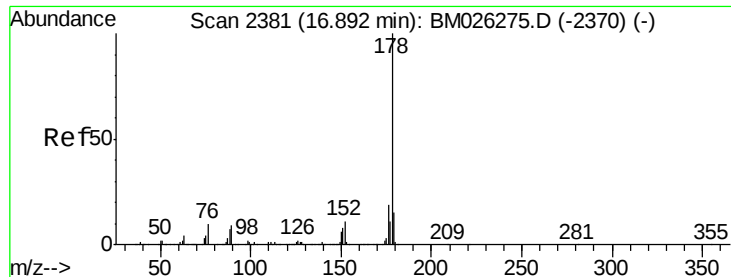


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

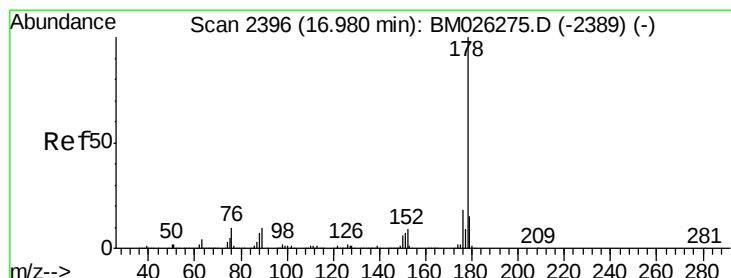
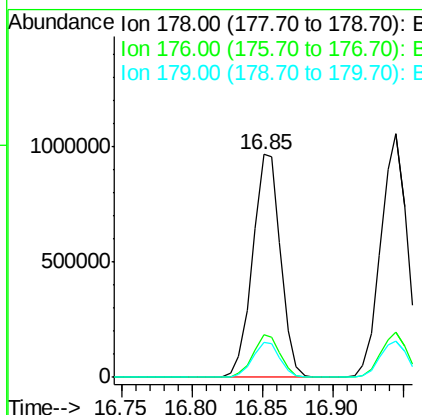
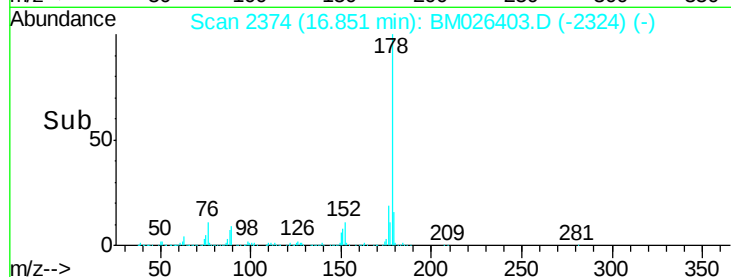
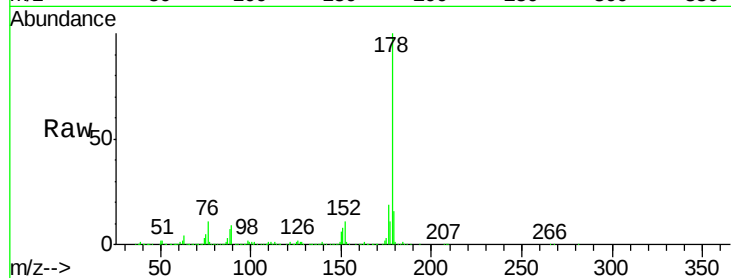




#71
Phenanthrene
Concen: 46.828 ng
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

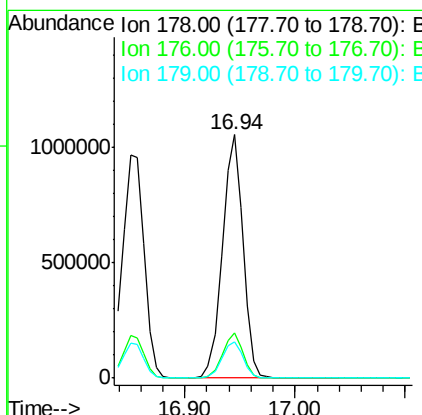
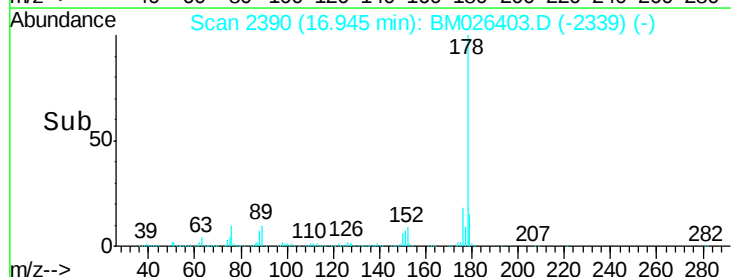
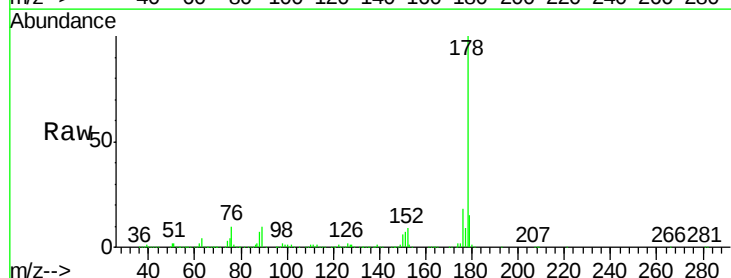
Instrument :
BNA_M
ClientSampleId :
294MSD

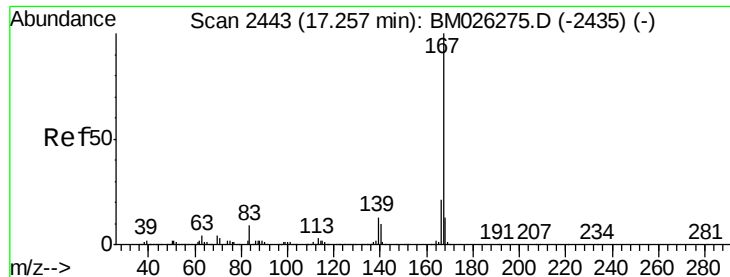
Tot Ion:178 Resp: 1344107
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.7 12.3 18.5



#72
Anthracene
Concen: 47.862 ng
RT: 16.94 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:178 Resp: 1371070
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.0 12.3 18.5



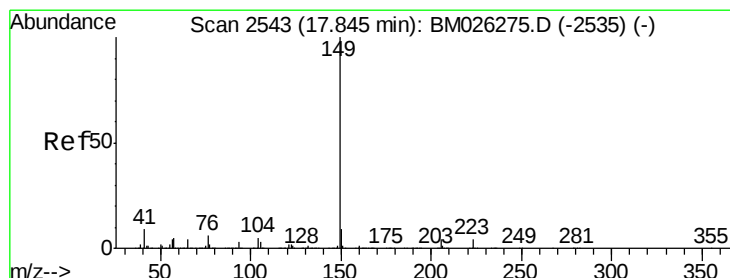
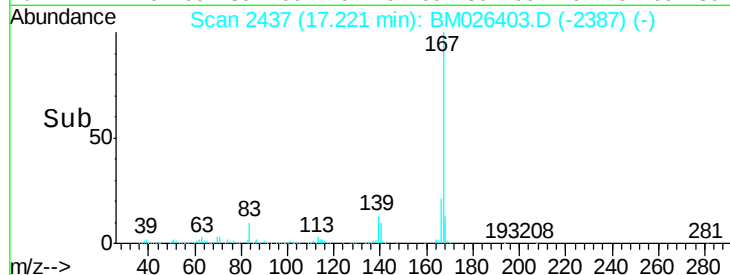
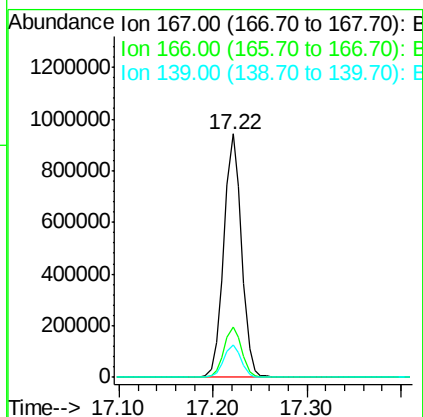
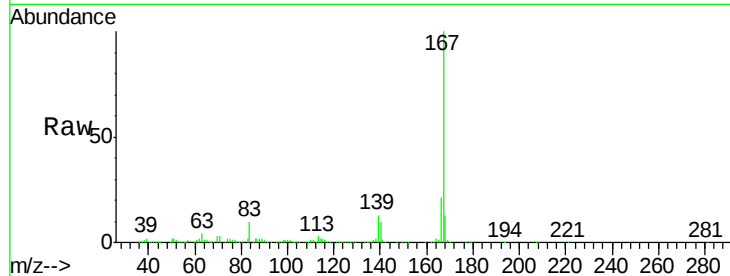


#73
 Carbazole
 Concen: 45.520 ng
 RT: 17.22 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Instrument :
 BNA_M
 ClientSampleId :
 294MSD

Tot Ion:167 Resp: 1236570

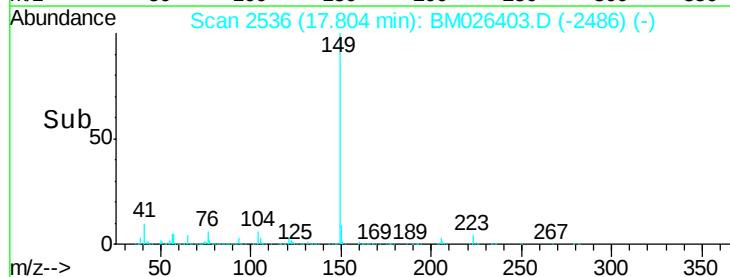
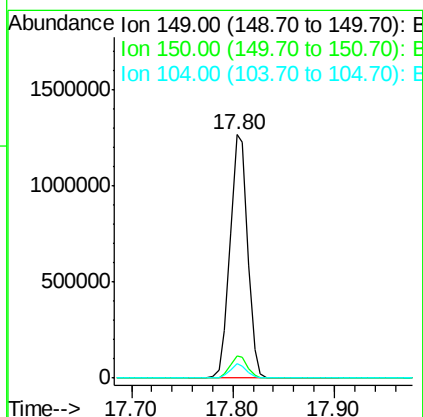
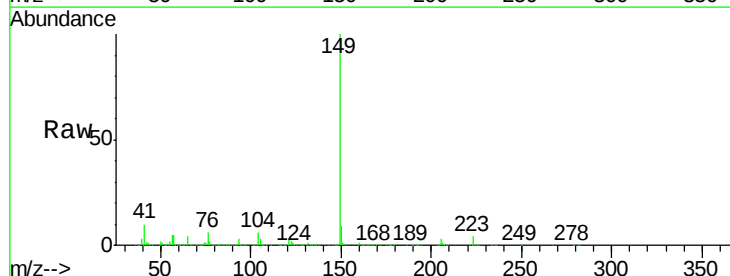
Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.9	25.3
139	13.3	10.2	15.4

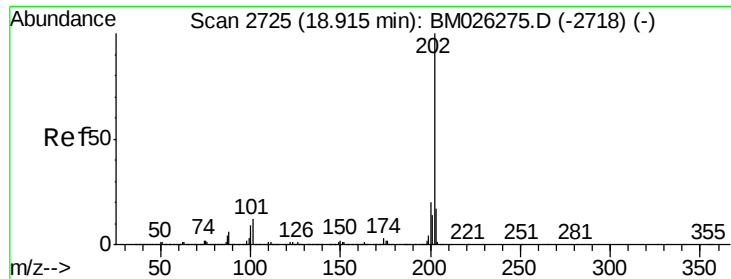


#74
 Di-n-butylphthalate
 Concen: 47.372 ng
 RT: 17.80 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Tgt Ion:149 Resp: 1517647

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 50.190 ng

RT: 18.88 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

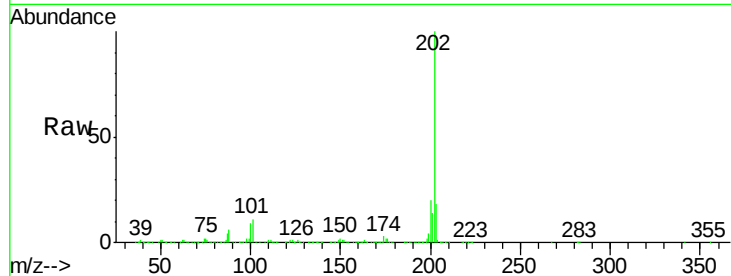
Tot Ion:202 Resp: 1651629

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.9

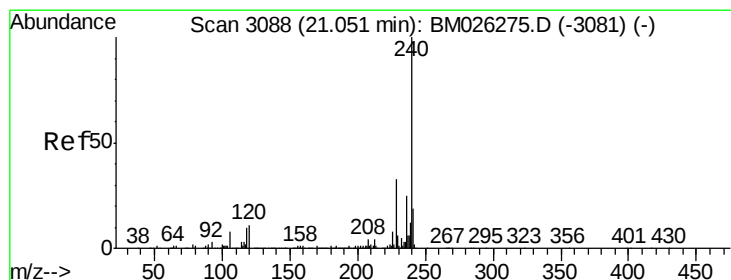
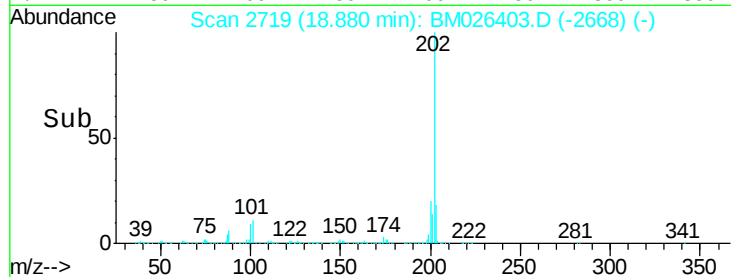
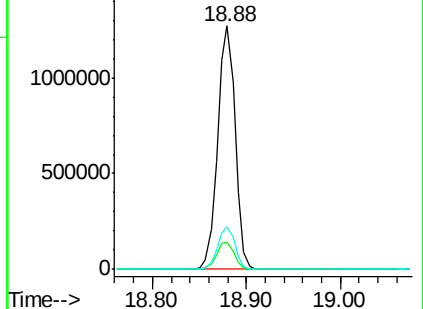
203 17.7 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

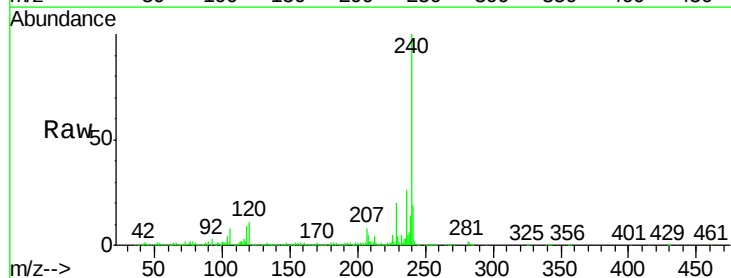
Tgt Ion:240 Resp: 572964

Ion Ratio Lower Upper

240 100

120 10.8 9.3 13.9

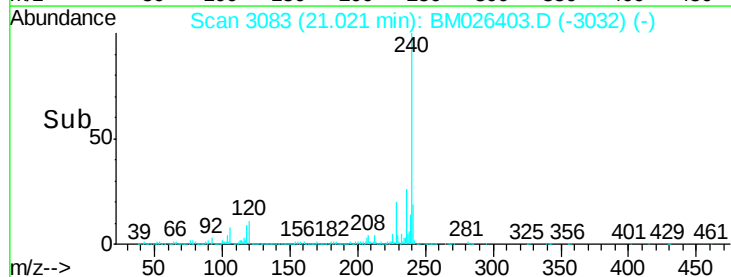
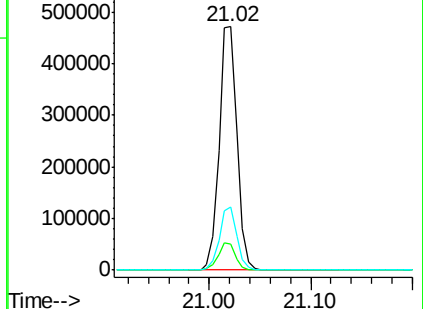
236 25.9 19.4 29.0

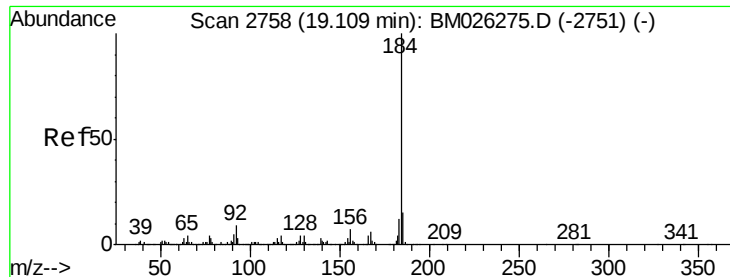


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 78.109 ng

RT: 19.08 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

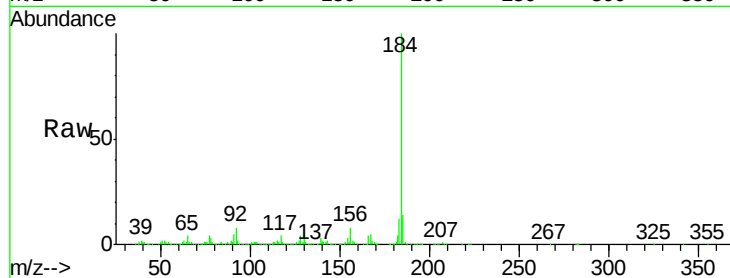
Tot Ion:184 Resp: 929606

Ion Ratio Lower Upper

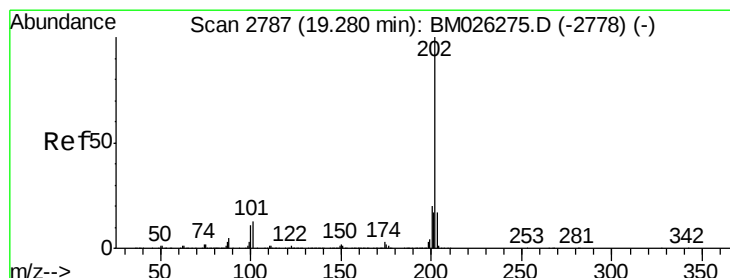
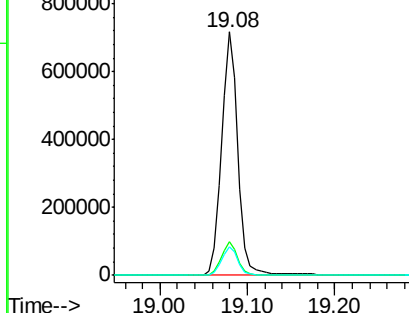
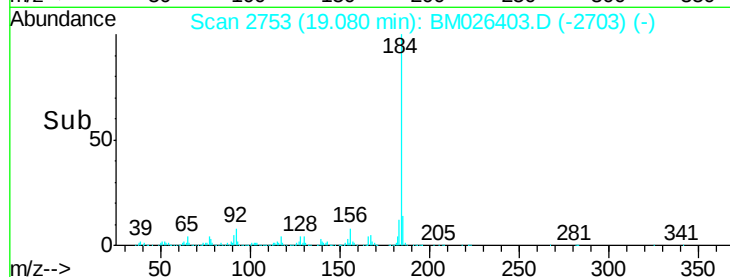
184 100

185 14.1 11.2 16.8

183 11.7 9.4 14.2



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



#78

Pyrene

Concen: 43.826 ng

RT: 19.24 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

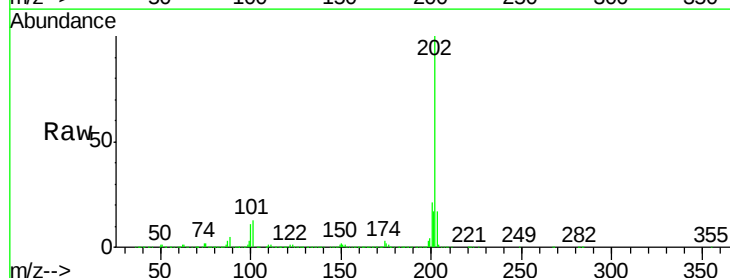
Tgt Ion:202 Resp: 1659149

Ion Ratio Lower Upper

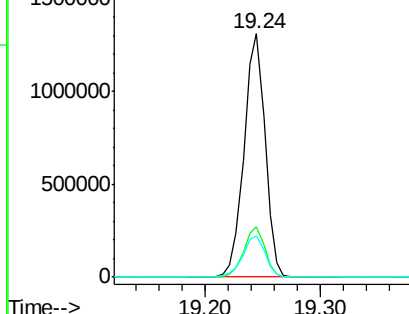
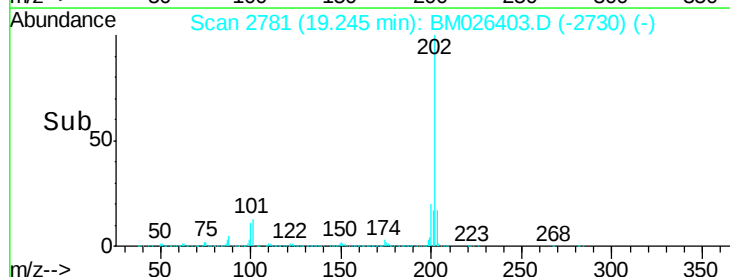
202 100

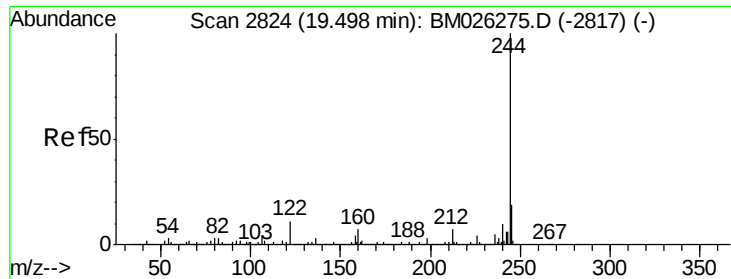
200 20.5 16.3 24.5

203 17.3 13.8 20.6



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





#79

Terphenyl-d14

Concen: 77.790 ng

RT: 19.47 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

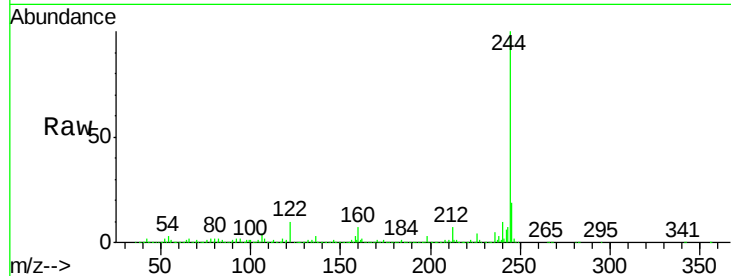
Tot Ion:244 Resp: 2296074

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

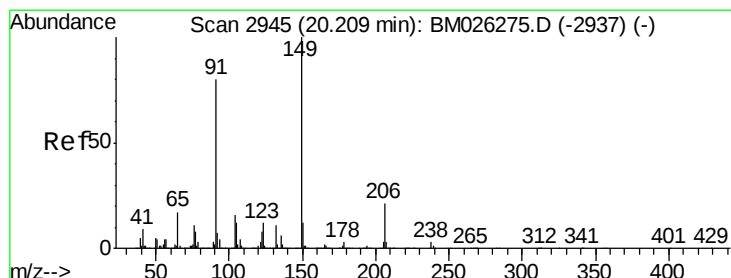
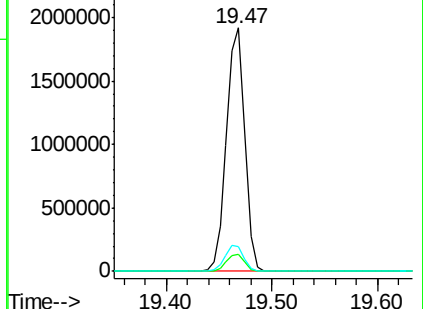
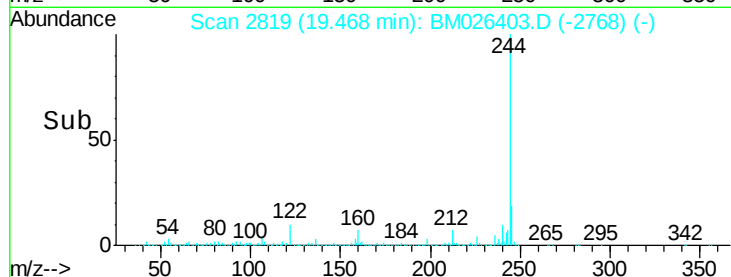
122 10.1 8.6 13.0



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: 45.214 ng

RT: 20.18 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

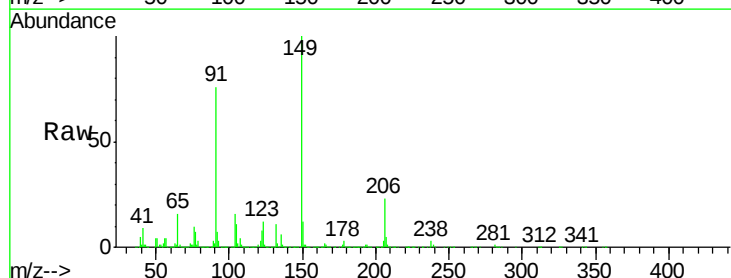
Tgt Ion:149 Resp: 692185

Ion Ratio Lower Upper

149 100

91 76.1 64.6 97.0

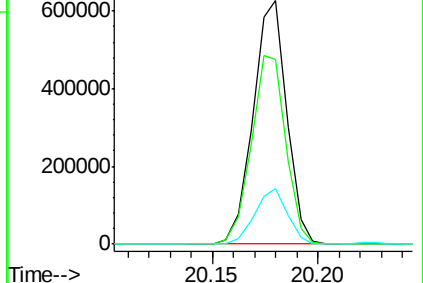
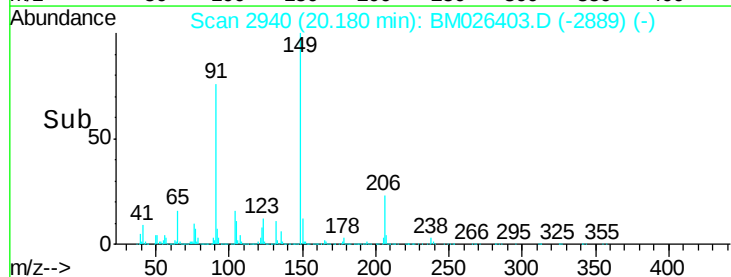
206 23.0 17.6 26.4

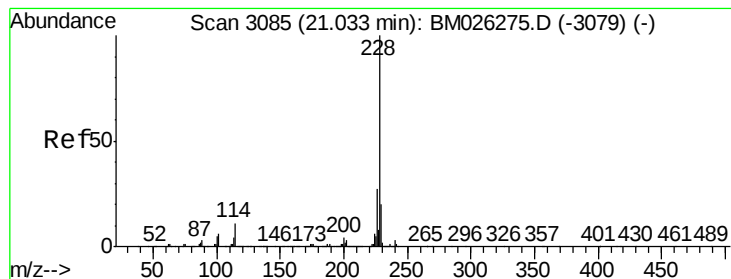


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.223 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

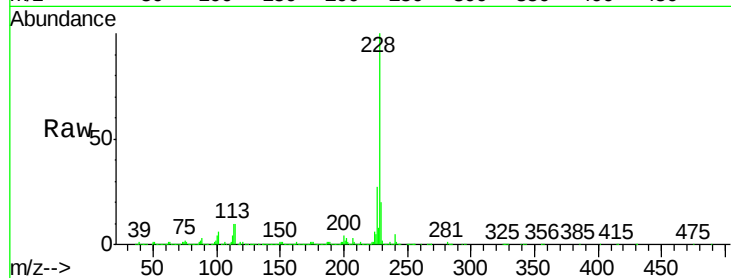
Tot Ion:228 Resp: 1589702

Ion Ratio Lower Upper

228 100

226 26.6 21.1 31.7

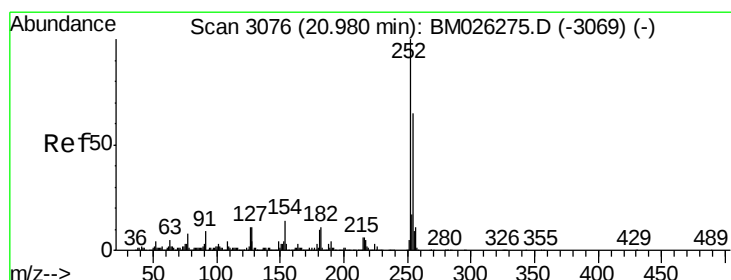
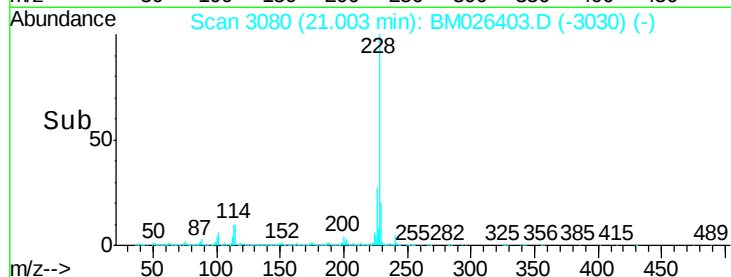
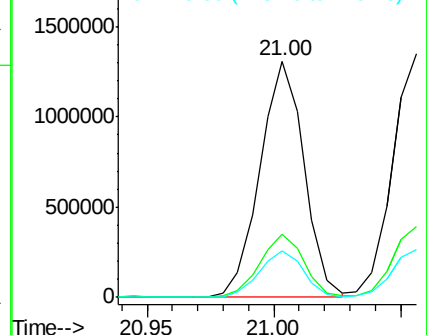
229 19.7 15.7 23.5



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



#82

3,3'-Dichlorobenzidine

Concen: 37.142 ng

RT: 20.94 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

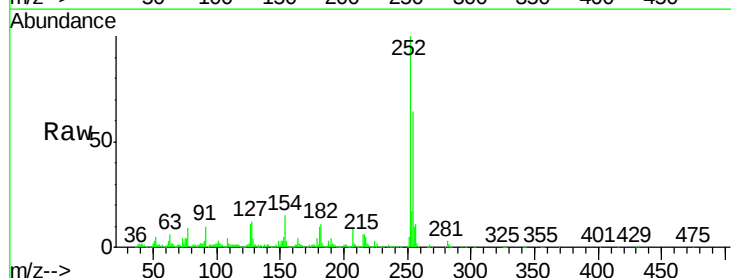
Tgt Ion:252 Resp: 395208

Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.6

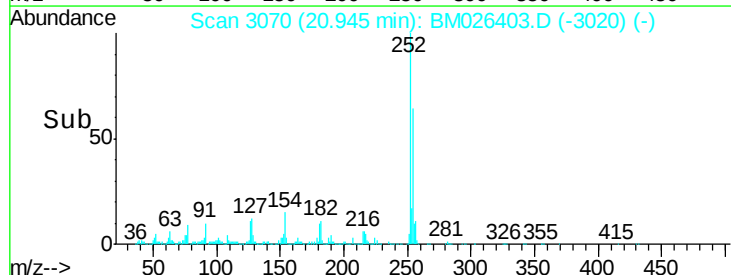
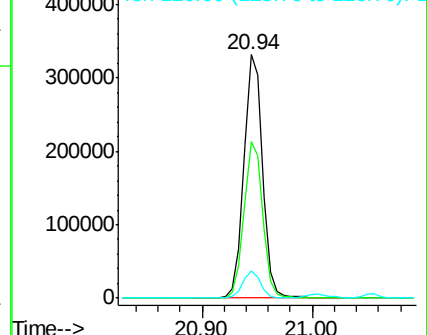
126 11.1 9.2 13.8

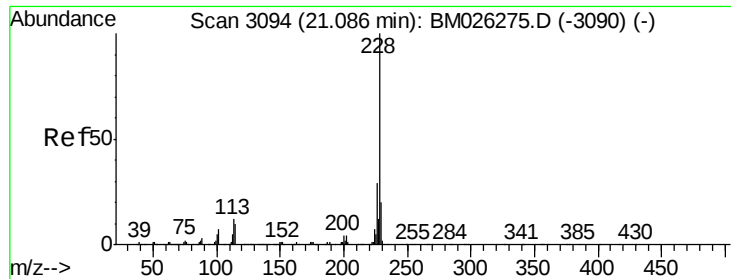


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 47.426 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

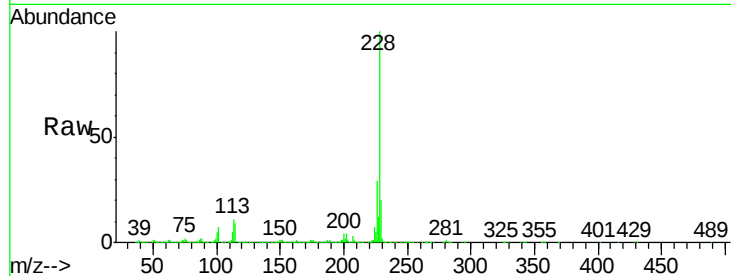
Tot Ion:228 Resp: 1554339

Ion Ratio Lower Upper

228 100

226 28.8 23.8 35.6

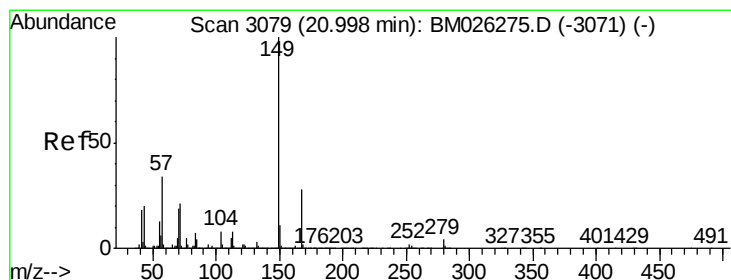
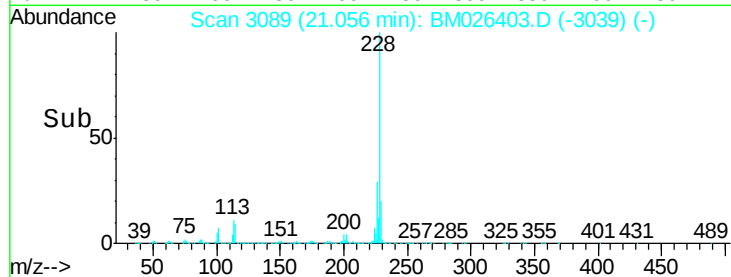
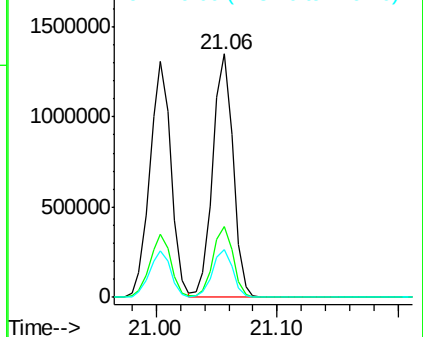
229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.914 ng

RT: 20.97 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

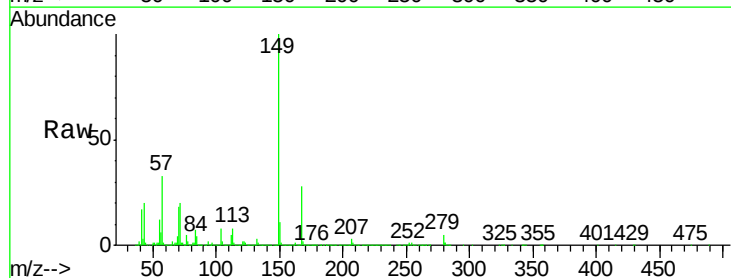
Tgt Ion:149 Resp: 1045915

Ion Ratio Lower Upper

149 100

167 27.9 22.0 33.0

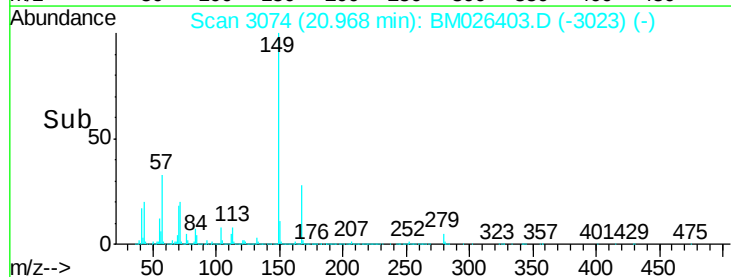
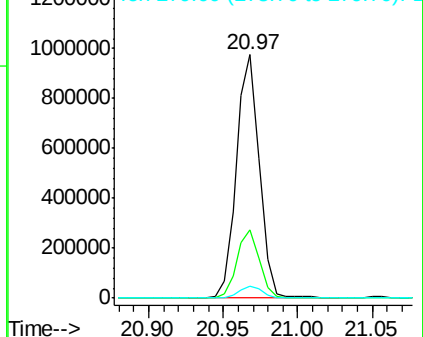
279 5.2 3.7 5.5

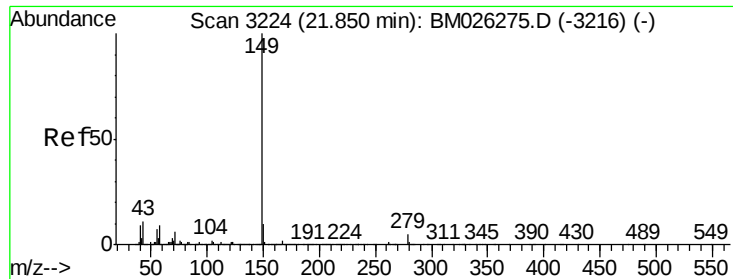


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.168 ng

RT: 21.82 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

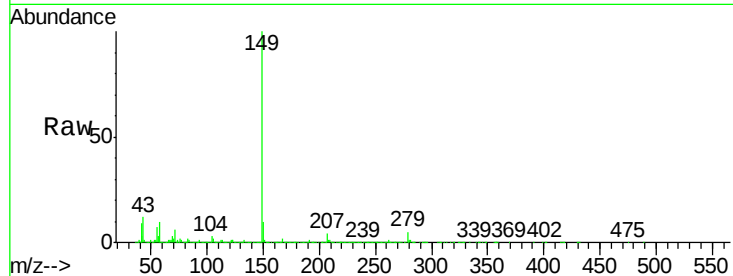
Tot Ion:149 Resp: 1790391

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

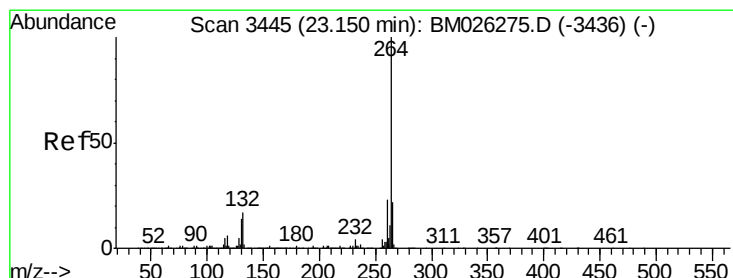
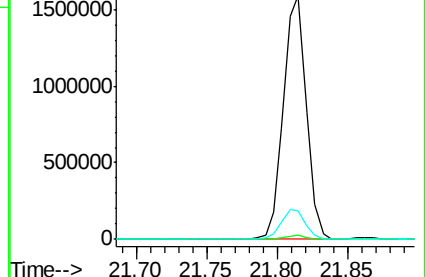
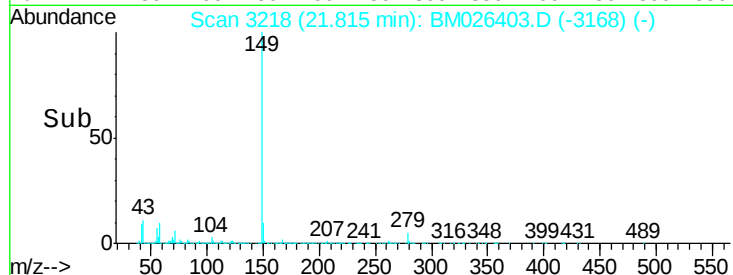
43 12.4 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 23.11 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

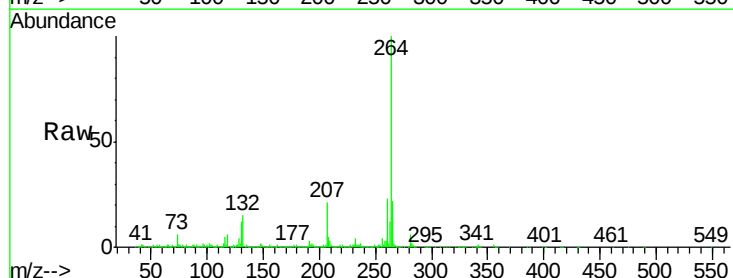
Tgt Ion:264 Resp: 604552

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

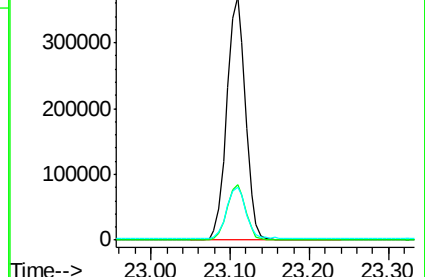
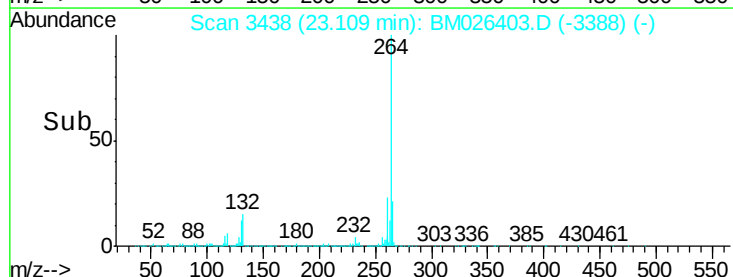
265 21.7 17.8 26.6

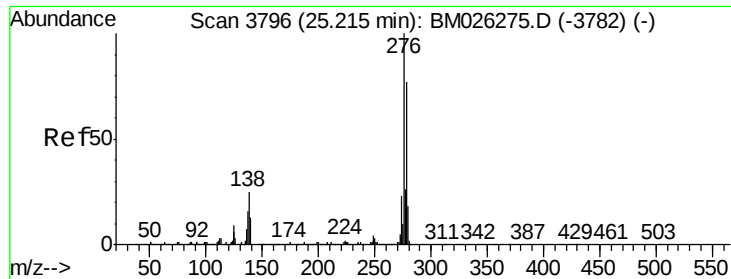


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



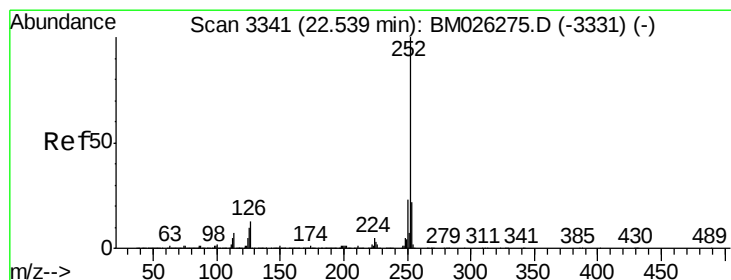
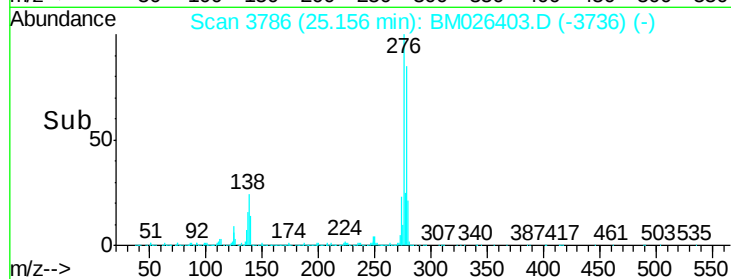
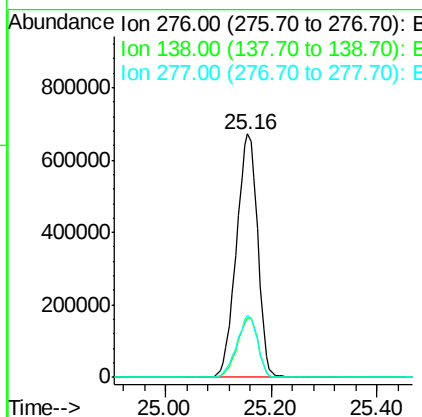
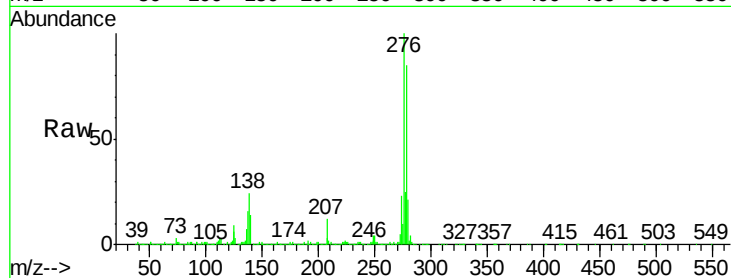


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.560 ng
 RT: 25.16 min Scan# 3786
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Instrument :
 BNA_M
 ClientSampleId :
 294MSD

Tot Ion:276 Resp: 1873047

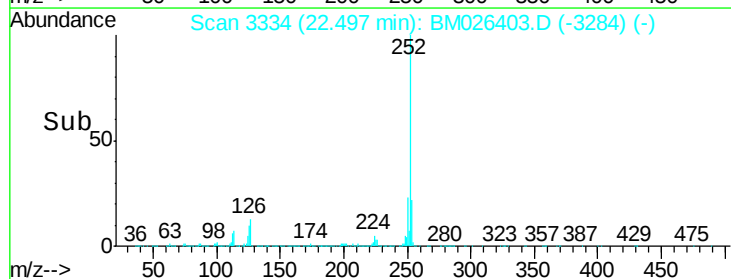
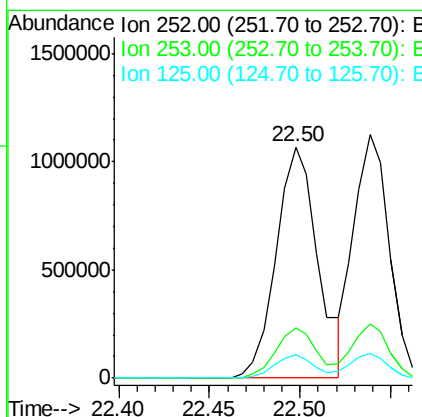
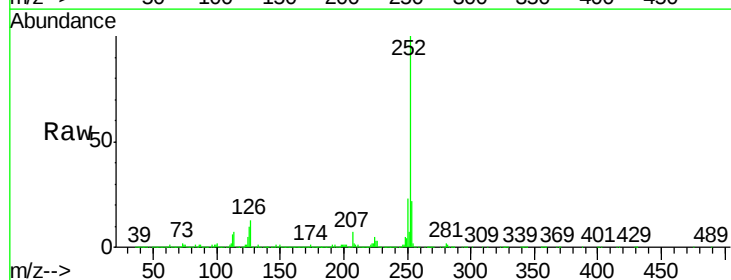
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.0	28.6
277	24.8	20.2	30.4

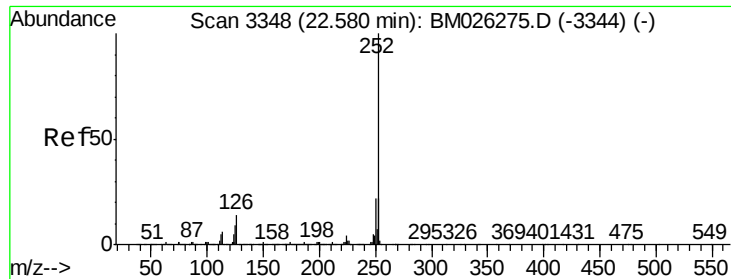


#88
 Benzo(b)fluoranthene
 Concen: 47.007 ng
 RT: 22.50 min Scan# 3334
 Delta R.T. -0.01 min
 Lab File: BM026403.D
 Acq: 15 Jun 2020 22:09

Tgt Ion:252 Resp: 1709526

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.1	8.0	12.0

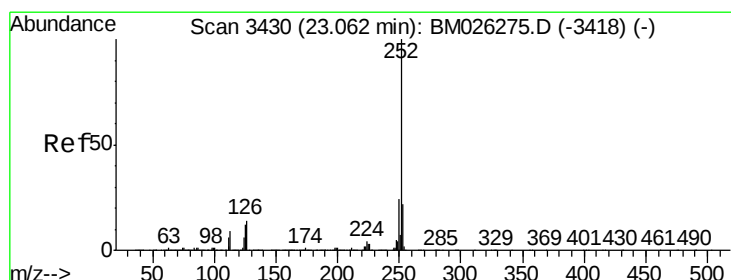
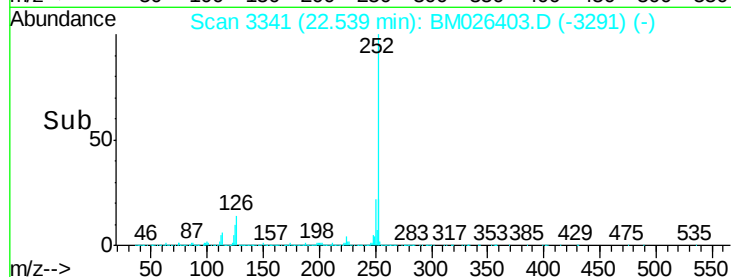
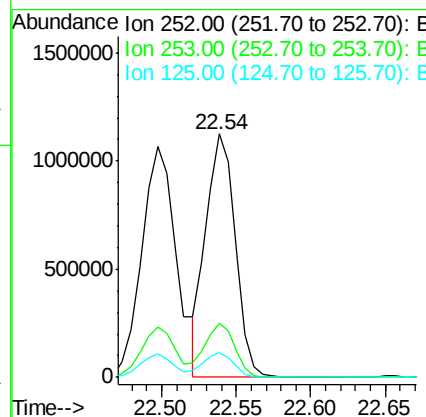
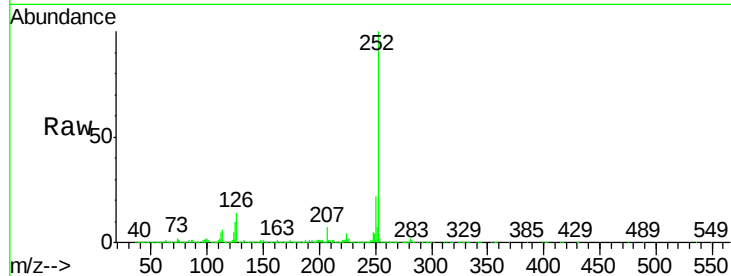




#89
Benzo(k)fluoranthene
Concen: 43.223 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

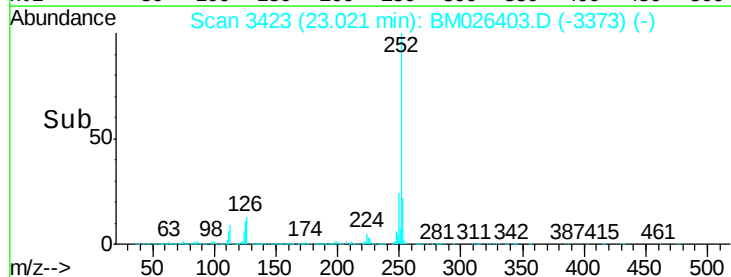
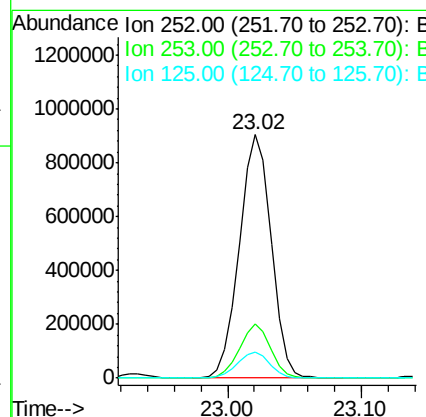
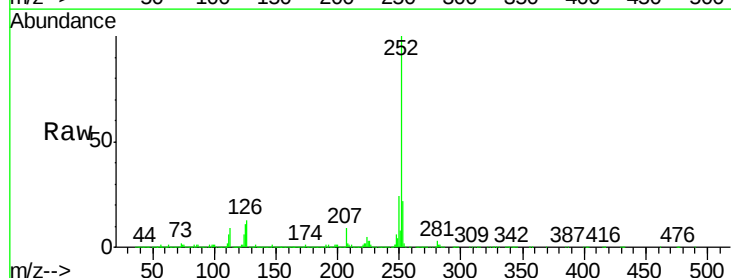
Instrument :
BNA_M
ClientSampleId :
294MSD

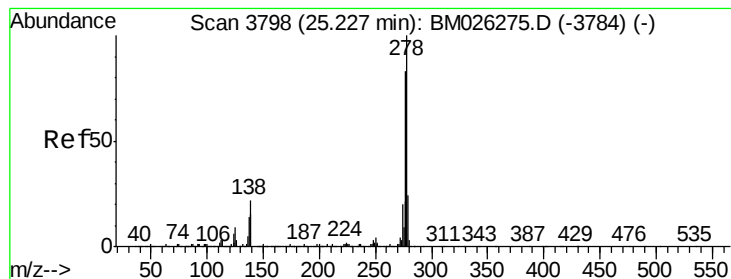
Tot Ion:252 Resp: 1527128
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 46.212 ng
RT: 23.02 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BM026403.D
Acq: 15 Jun 2020 22:09

Tgt Ion:252 Resp: 1492635
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.8 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 53.412 ng

RT: 25.17 min Scan# 3788

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

Instrument :

BNA_M

ClientSampleId :

294MSD

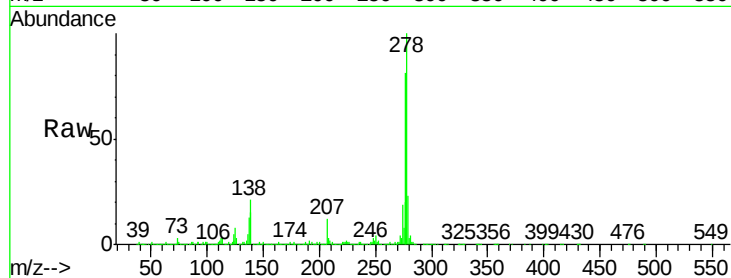
Tot Ion:278 Resp: 1559404

Ion Ratio Lower Upper

278 100

139 14.8 12.3 18.5

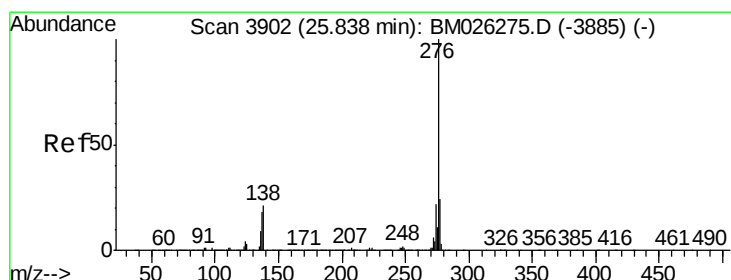
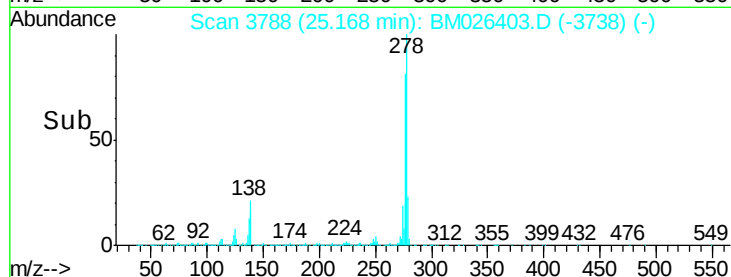
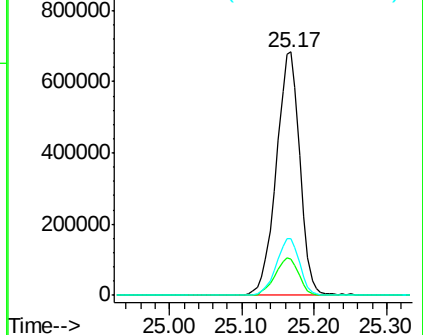
279 23.3 18.9 28.3



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: 55.044 ng

RT: 25.77 min Scan# 3891

Delta R.T. -0.01 min

Lab File: BM026403.D

Acq: 15 Jun 2020 22:09

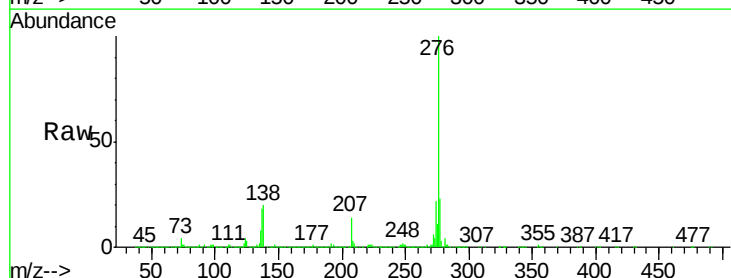
Tgt Ion:276 Resp: 1529261

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 20.0 16.2 24.4



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

