

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024607.D
 Acq On : 23 Jan 2020 14:45
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 16:28:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	243093	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	995948	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	696930	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1612249	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1686987	20.00	ng	0.00
87) Perylene-d12	23.16	264	1826728	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1051619	82.27	ng	0.00
7) Phenol-d6	6.65	99	1471667	83.58	ng	0.00
23) Nitrobenzene-d5	8.59	82	1667638	82.12	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	919434	81.10	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4196365	81.86	ng	0.00
79) Terphenyl-d14	19.50	244	7833631	86.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	213907	42.304	ng	97
3) Pyridine	3.45	79	581753	39.688	ng	100
4) n-Nitrosodimethylamine	3.37	42	264023	40.579	ng	93
6) Aniline	6.79	93	893478	41.681	ng	100
8) 2-Chlorophenol	7.02	128	601862	41.361	ng	98
9) Benzaldehyde	6.60	77	418371	40.210	ng	99
10) Phenol	6.67	94	728306	41.492	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	593480	42.235	ng	98
12) 1,3-Dichlorobenzene	7.33	146	728607	40.758	ng	98
13) 1,4-Dichlorobenzene	7.48	146	741904	40.909	ng	99
14) 1,2-Dichlorobenzene	7.79	146	713588	40.764	ng	99
15) Benzyl Alcohol	7.69	79	607471	41.842	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.97	45	546308	42.468	ng	98
17) 2-Methylphenol	7.89	107	521917	42.194	ng	99
18) Hexachloroethane	8.51	117	284330	40.601	ng	99
19) n-Nitroso-di-n-propylamine	8.26	70	541859	40.985	ng	97
20) 3+4-Methylphenols	8.22	107	719748	42.035	ng	100
22) Acetophenone	8.26	105	1055658	41.107	ng	98
24) Nitrobenzene	8.63	77	799481	41.081	ng	99
25) Isophorone	9.16	82	1426367	41.336	ng	100
26) 2-Nitrophenol	9.33	139	371497	41.225	ng	98
27) 2,4-Dimethylphenol	9.41	122	508894	41.557	ng	98
28) bis(2-Chloroethoxy)methane	9.64	93	870615	41.301	ng	100
29) 2,4-Dichlorophenol	9.86	162	682311	41.241	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	806998	40.444	ng	99
31) Naphthalene	10.25	128	2046830	40.690	ng	100
32) Benzoic acid	9.57	122	418346	37.346	ng	99
33) 4-Chloroaniline	10.37	127	912286	41.375	ng	99
34) Hexachlorobutadiene	10.56	225	551816	40.006	ng	99
35) Caprolactam	11.15	113	214636	40.437	ng	95
36) 4-Chloro-3-methylphenol	11.51	107	721840	41.032	ng	98
37) 2-Methylnaphthalene	11.88	142	1582182	40.757	ng	99
38) 1-Methylnaphthalene	12.10	142	1515421	41.039	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1015306	40.819	ng	100

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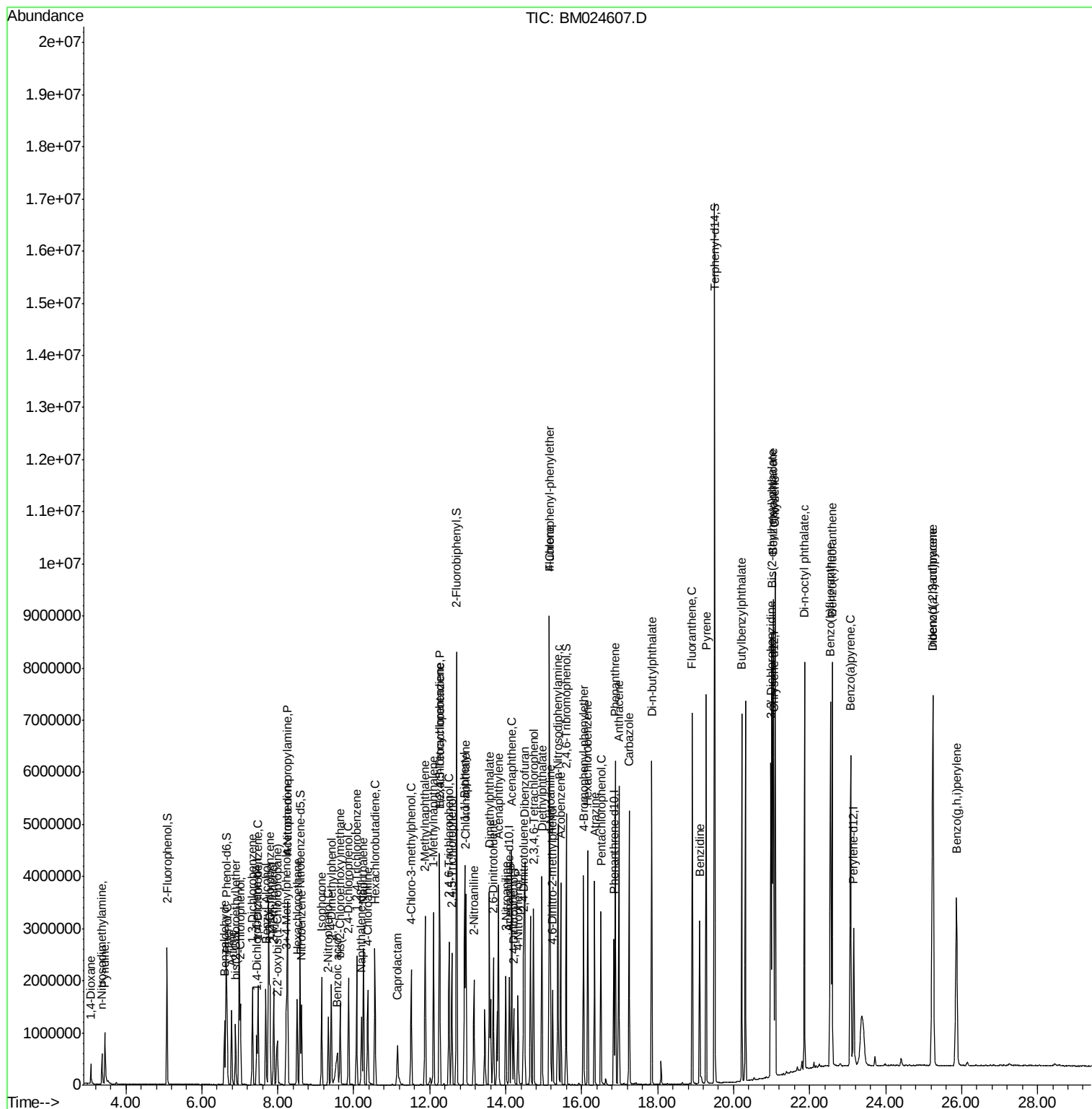
Quant Time: Jan 23 16:28:22 2020
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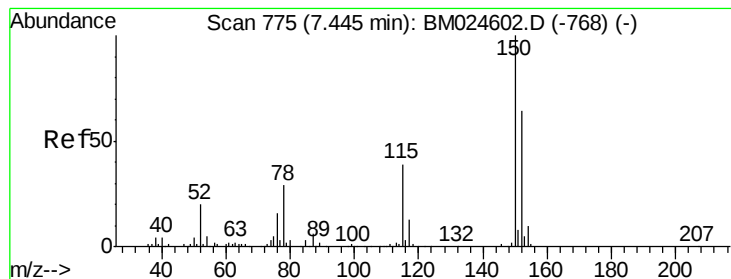
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	548737	39.359	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	653849	41.309	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	664595	41.113	ng	99
46) 1,1'-Biphenyl	12.92	154	2172247	41.186	ng	99
47) 2-Chloronaphthalene	12.95	162	1748694	41.070	ng	100
48) 2-Nitroaniline	13.16	65	544680	41.943	ng	99
49) Acenaphthylene	13.81	152	2636276	41.359	ng	99
50) Dimethylphthalate	13.57	163	2299290	40.800	ng	99
51) 2,6-Dinitrotoluene	13.67	165	490063	40.901	ng	98
52) Acenaphthene	14.16	154	1627137	41.138	ng	99
53) 3-Nitroaniline	14.00	138	517746	41.663	ng	100
54) 2,4-Dinitrophenol	14.21	184	299238	41.764	ng	98
55) Dibenzofuran	14.50	168	2625700	40.705	ng	99
56) 4-Nitrophenol	14.33	139	408942	42.098	ng	99
57) 2,4-Dinitrotoluene	14.47	165	705742	41.099	ng	100
58) Fluorene	15.15	166	2214787	40.856	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	674748	41.161	ng	99
60) Diethylphthalate	14.95	149	2339554	40.892	ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	1272088	40.703	ng	100
62) 4-Nitroaniline	15.17	138	577160	42.076	ng	100
63) Azobenzene	15.45	77	1992530	40.828	ng	100
65) 4,6-Dinitro-2-methylphenol	15.24	198	400882	42.289	ng	98
66) n-Nitrosodiphenylamine	15.37	169	1901419	41.057	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	811703	40.485	ng	99
68) Hexachlorobenzene	16.16	284	933776	40.585	ng	99
69) Atrazine	16.34	200	745262	41.923	ng	99
70) Pentachlorophenol	16.50	266	577363	41.197	ng	99
71) Phenanthrene	16.89	178	3571121	40.904	ng	99
72) Anthracene	16.98	178	3488704	40.839	ng	99
73) Carbazole	17.25	167	3203003	41.187	ng	100
74) Di-n-butylphthalate	17.84	149	4101248	41.252	ng	100
75) Fluoranthene	18.92	202	4464043	40.967	ng	99
77) Benzidine	19.11	184	1821595	46.366	ng	99
78) Pyrene	19.27	202	4591918	41.290	ng	100
80) Butylbenzylphthalate	20.22	149	1935422	41.474	ng	99
81) Benzo(a)anthracene	21.04	228	4779530	40.820	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	1774471	42.130	ng	100
83) Chrysene	21.09	228	4592602	41.106	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	2828696	41.081	ng	99
85) Di-n-octyl phthalate	21.86	149	4742024	41.685	ng	100
86) Indeno(1,2,3-cd)pyrene	25.24	276	5018382	41.211	ng	98
88) Benzo(b)fluoranthene	22.55	252	4914189	41.478	ng	100
89) Benzo(k)fluoranthene	22.59	252	4744526	41.027	ng	99
90) Benzo(a)pyrene	23.08	252	4433497	41.159	ng	100
91) Dibenzo(a,h)anthracene	25.26	278	4209180	41.170	ng	99
92) Benzo(g,h,i)perylene	25.87	276	3786234	40.785	ng	99

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

```
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ALS Vial  : 9      Sample Multiplier: 1
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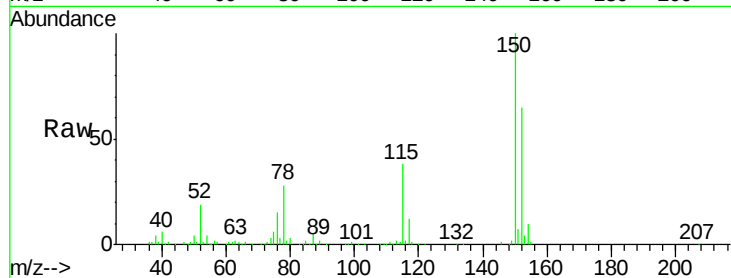


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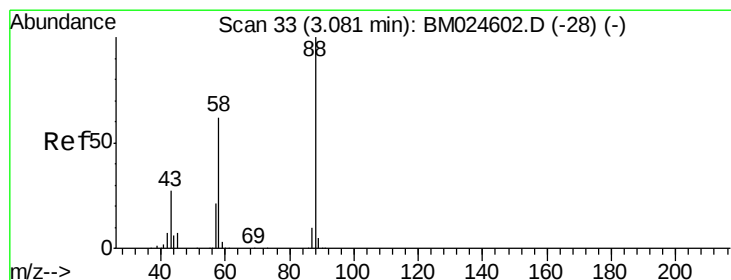
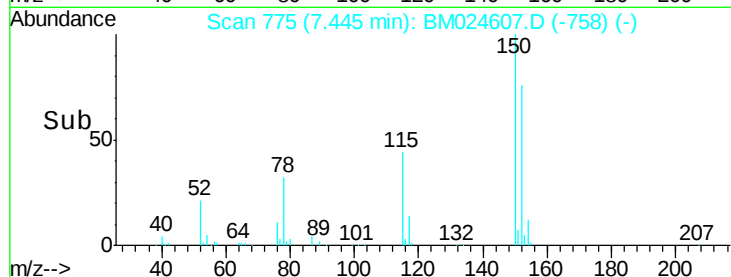
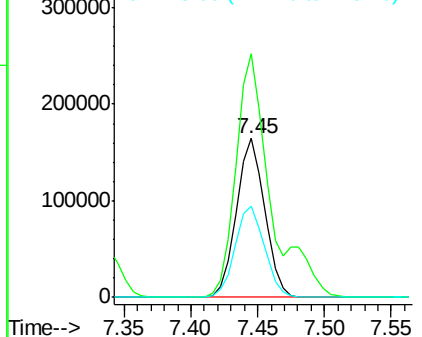
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 243093
Ion Ratio Lower Upper
152 100
150 153.2 124.2 186.4
115 57.7 48.6 72.8



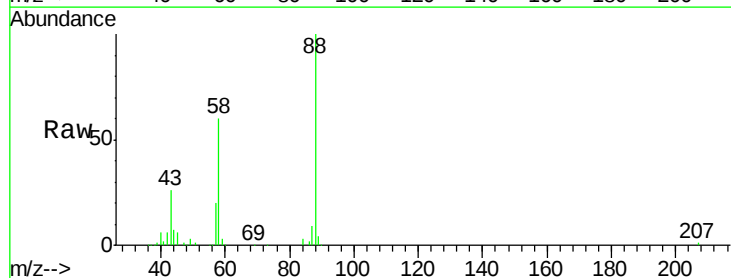
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



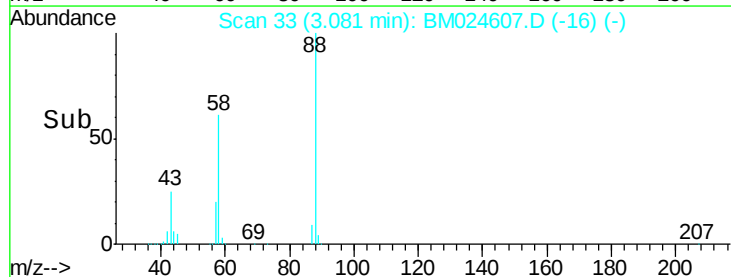
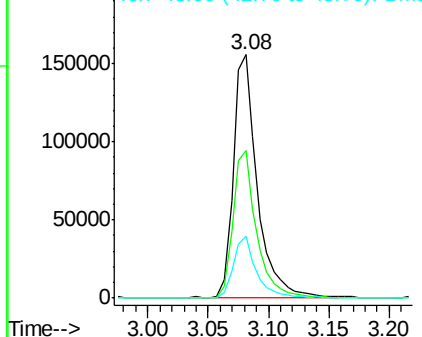
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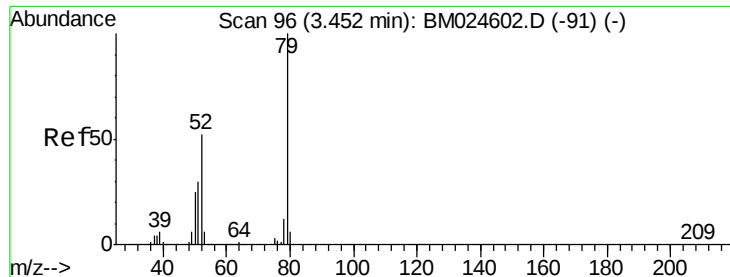
1,4-Dioxane
Concen: 42.304 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion: 88 Resp: 213907
Ion Ratio Lower Upper
88 100
58 59.9 50.0 75.0
43 25.0 21.6 32.4



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





#3

Pvridine

Concen: 39.688 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

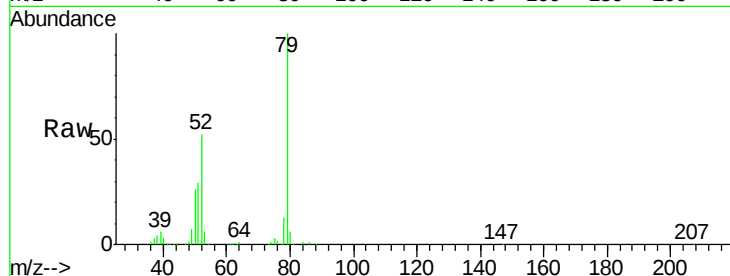
Tot Ion: 79 Resp: 581753

Ion Ratio Lower Upper

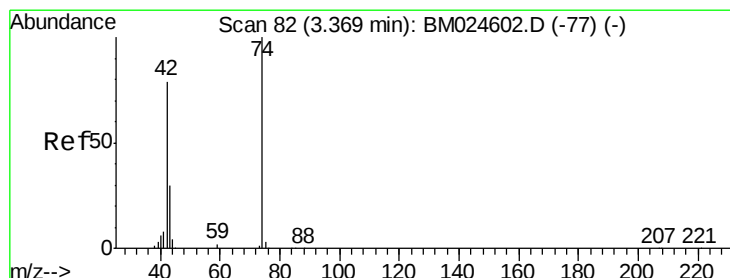
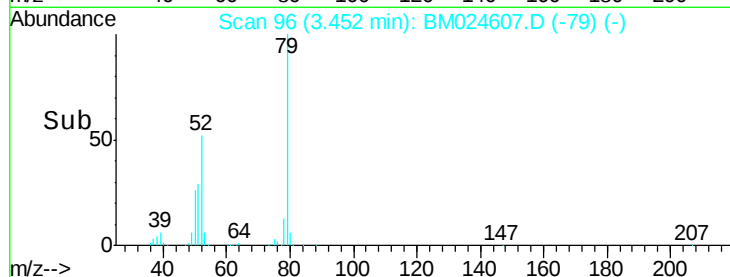
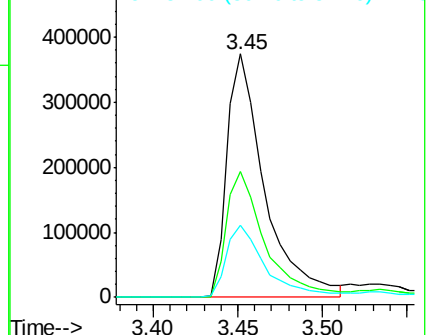
79 100

52 51.7 41.4 62.2

51 29.5 23.8 35.8



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: 40.579 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

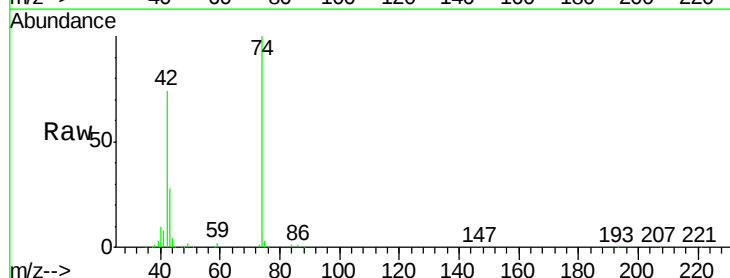
Tgt Ion: 42 Resp: 264023

Ion Ratio Lower Upper

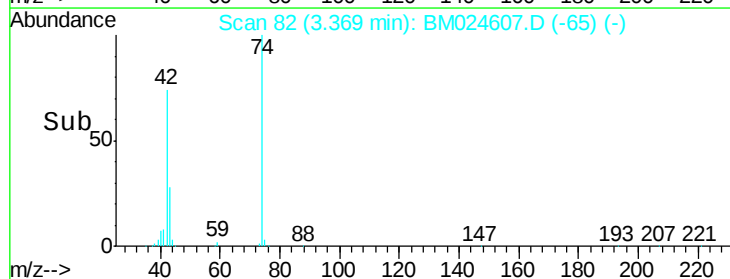
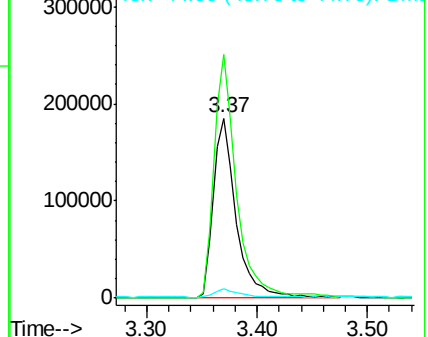
42 100

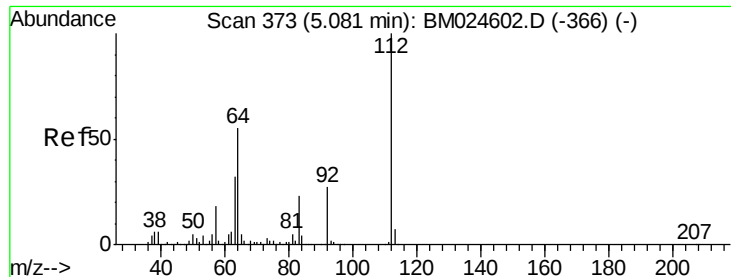
74 135.3 101.4 152.2

44 5.5 4.6 6.8



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: 82.270 ng

RT: 5.08 min Scan# 373

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

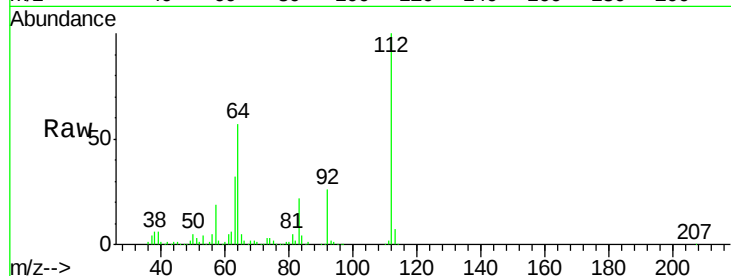
Tot Ion:112 Resp: 1051619

Ion Ratio Lower Upper

112 100

64 56.7 44.2 66.4

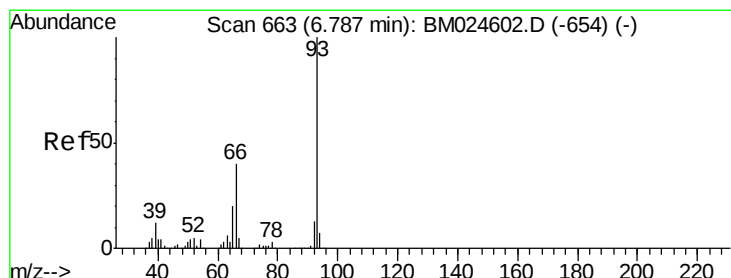
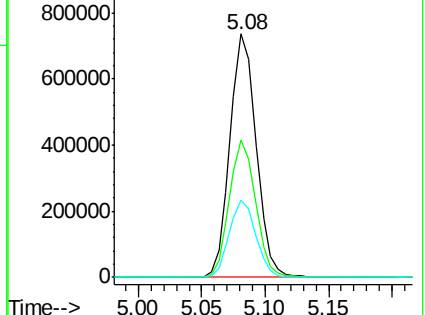
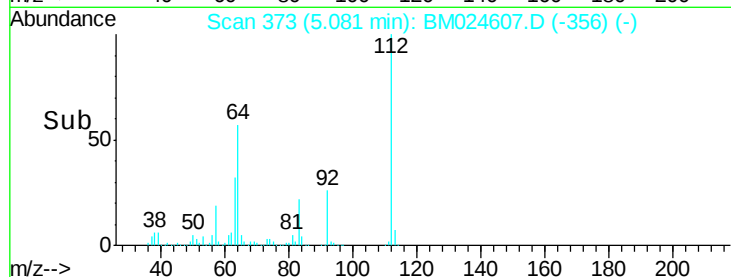
63 32.0 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 41.681 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

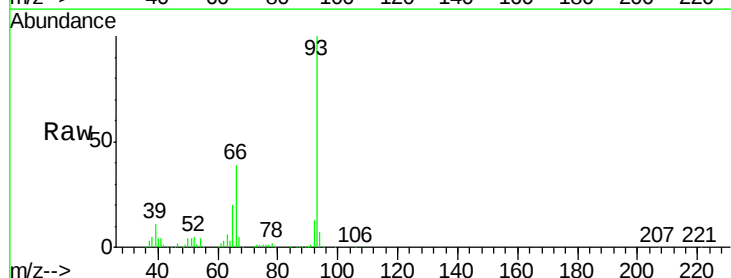
Tgt Ion: 93 Resp: 893478

Ion Ratio Lower Upper

93 100

66 39.4 31.8 47.8

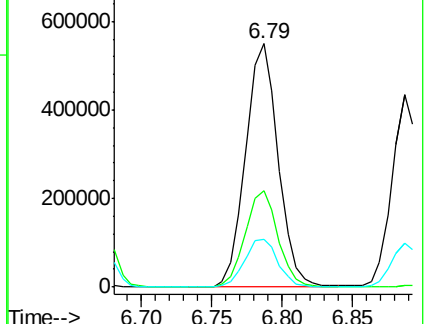
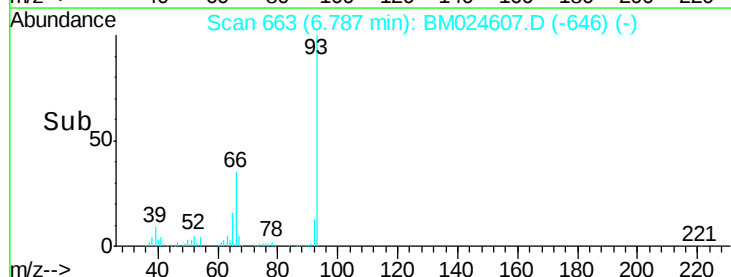
65 19.8 15.8 23.6

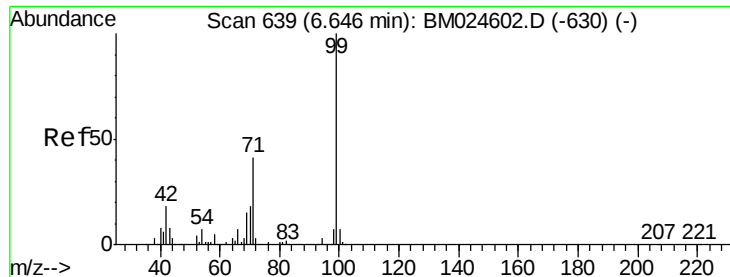


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 83.575 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

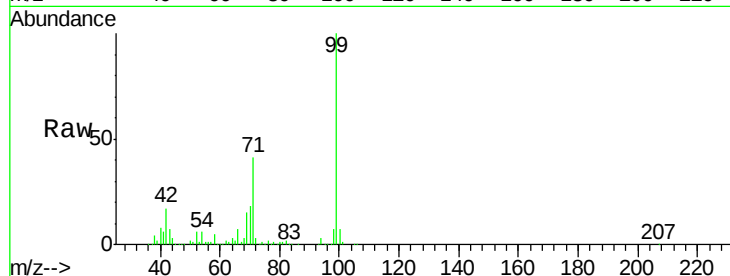
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1471667

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.1	21.1
71	40.8	33.0	49.6



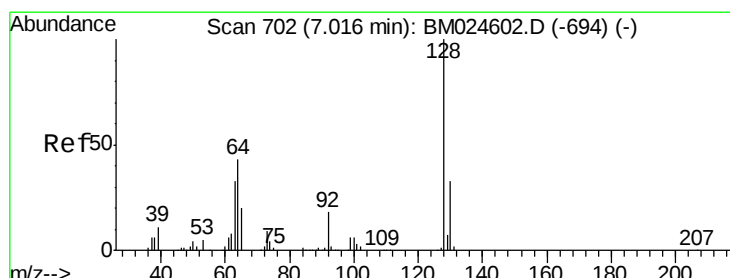
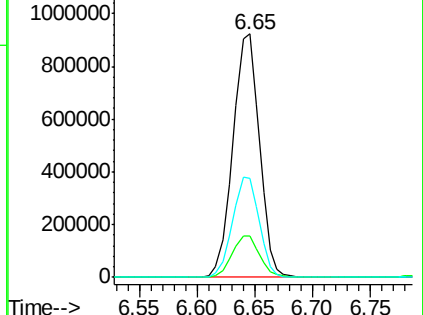
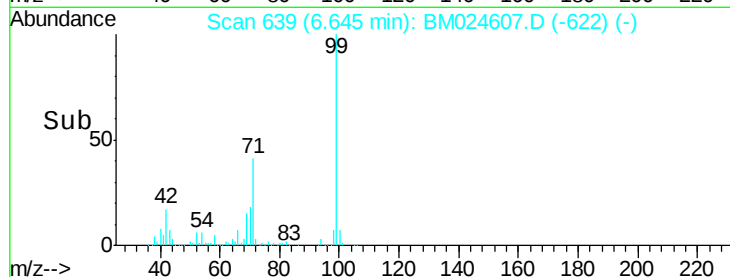
Abundance

Ion 99.00 (98.70 to 99.70): BM024607.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024607.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024607.D (-622) (-)

Time-->



#8

2-Chlorophenol

Concen: 41.361 ng

RT: 7.02 min Scan# 702

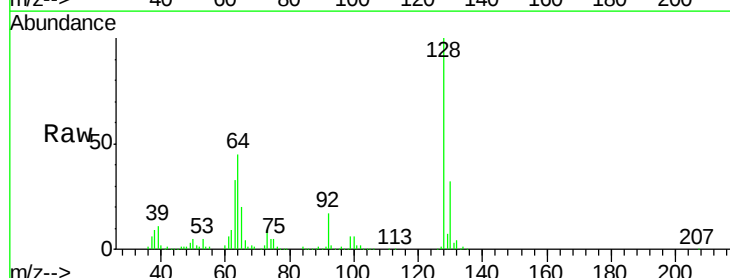
Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion: 128 Resp: 601862

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.5	52.5
64	44.7	26.1	66.1



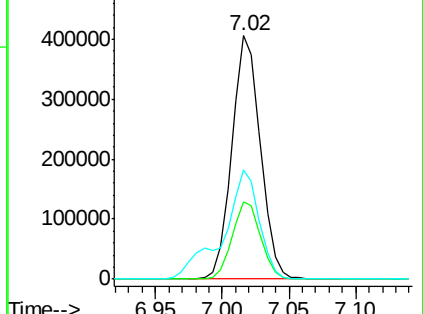
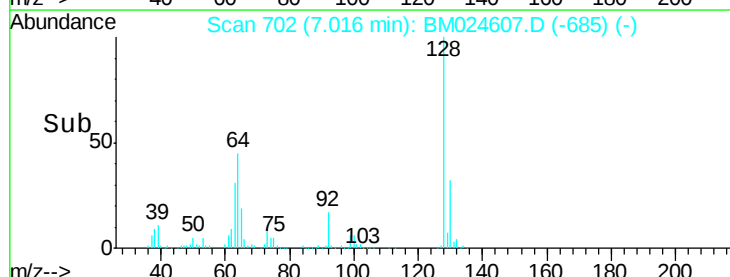
Abundance

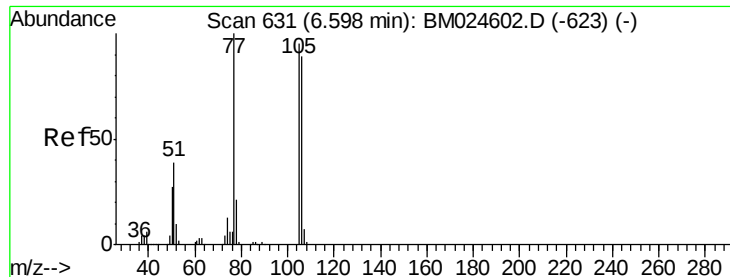
Ion 128.00 (127.70 to 128.70): BM024607.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024607.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024607.D (-685) (-)

Time-->





#9

Benzaldehyde

Concen: 40.210 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

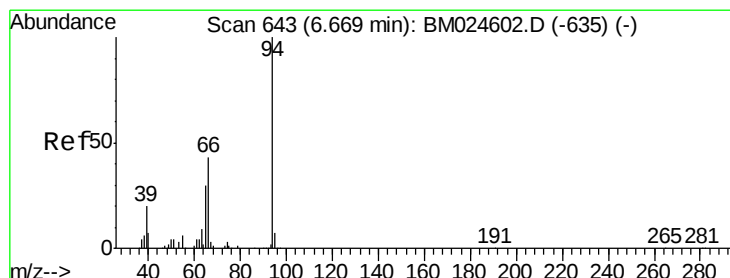
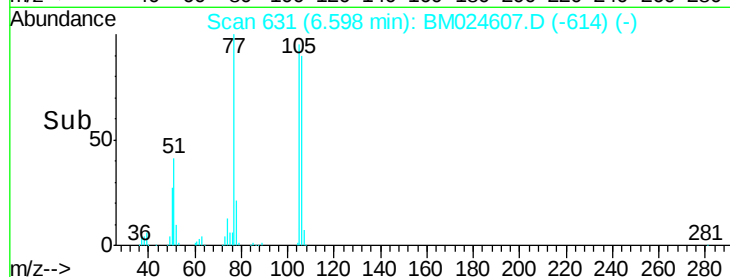
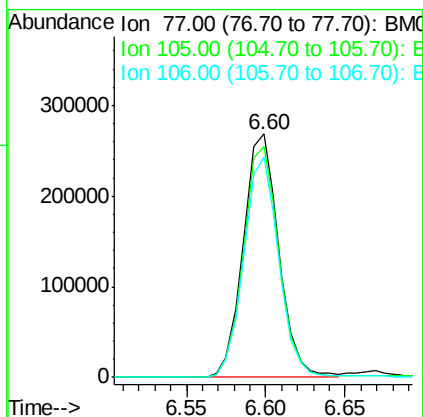
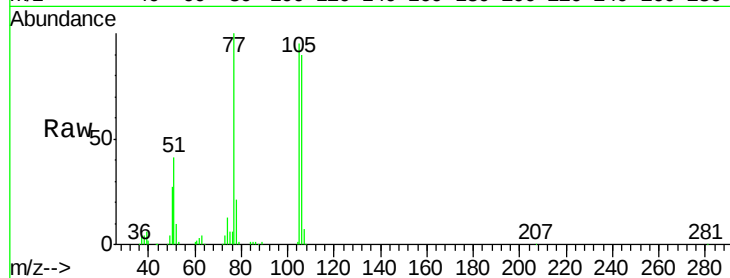
Tot Ion: 77 Resp: 418371

Ion Ratio Lower Upper

77 100

105 95.0 75.2 115.2

106 90.4 68.6 108.6



#10

Phenol

Concen: 41.492 ng

RT: 6.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

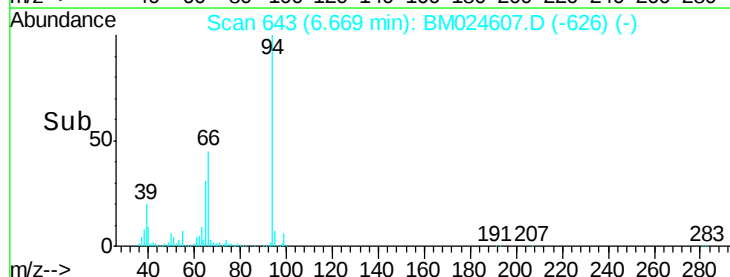
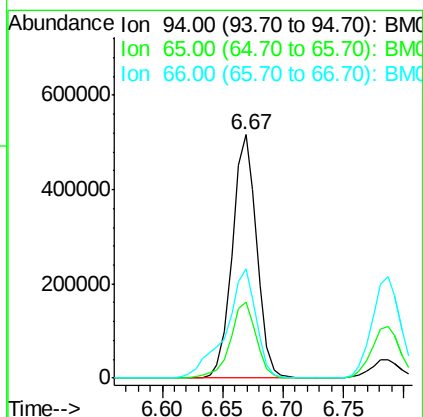
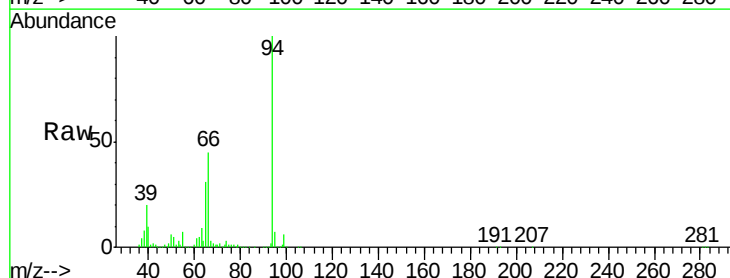
Tgt Ion: 94 Resp: 728306

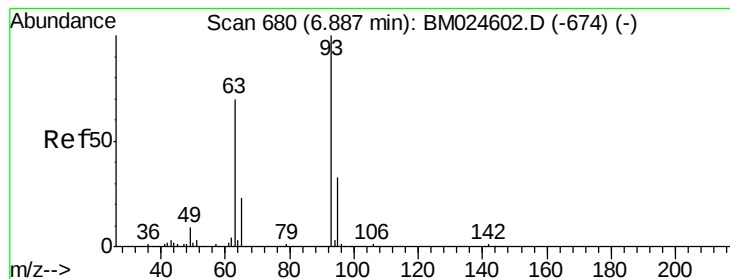
Ion Ratio Lower Upper

94 100

65 31.4 10.3 50.3

66 44.6 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 42.235 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampled :

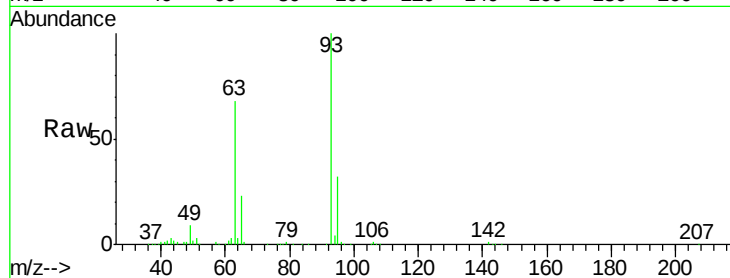
Tot Ion: 93 Resp: 593480

Ion Ratio Lower Upper

93 100

63 67.9 49.6 89.6

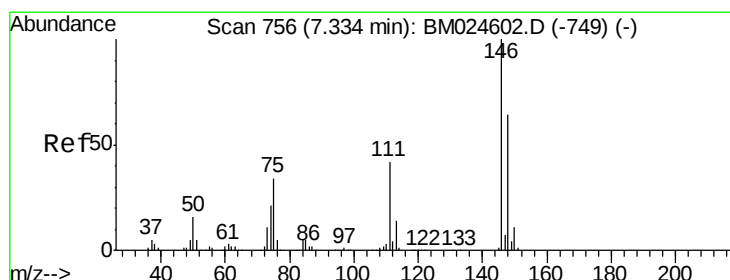
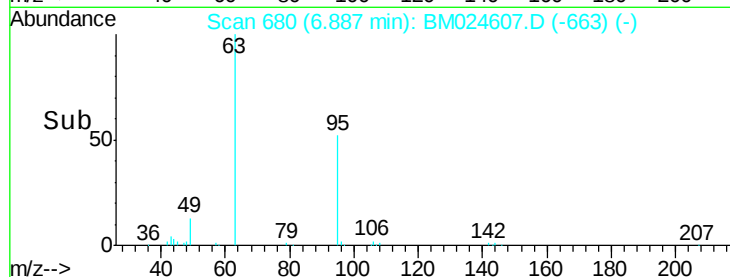
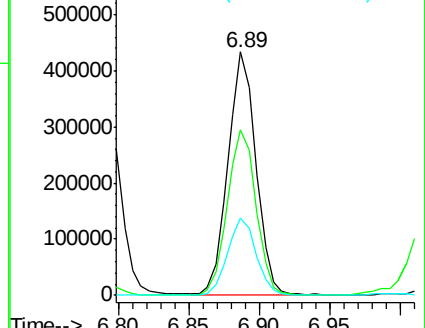
95 31.9 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024607.D (-663) (-)

Ion 63.00 (62.70 to 63.70): BM024607.D (-663) (-)

Ion 95.00 (94.70 to 95.70): BM024607.D (-663) (-)



#12

1,3-Dichlorobenzene

Concen: 40.758 ng

RT: 7.33 min Scan# 756

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

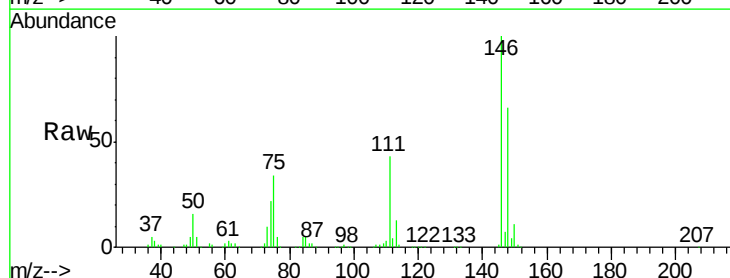
Tgt Ion: 146 Resp: 728607

Ion Ratio Lower Upper

146 100

148 65.8 51.0 76.6

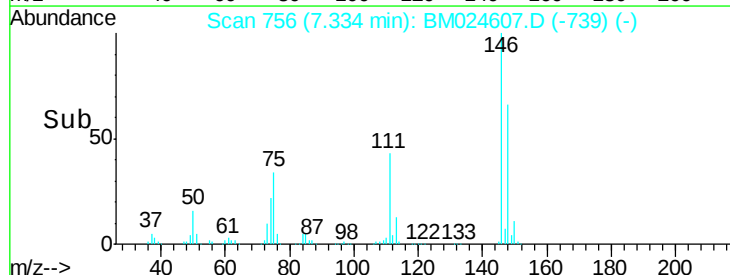
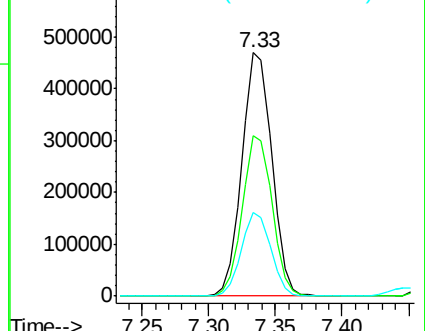
75 34.5 27.0 40.4

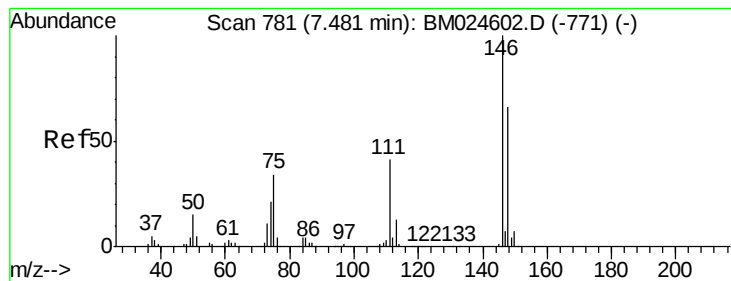


Abundance Ion 146.00 (145.70 to 146.70): BM024607.D (-739) (-)

Ion 148.00 (147.70 to 148.70): BM024607.D (-739) (-)

Ion 75.00 (74.70 to 75.70): BM024607.D (-739) (-)





#13

1,4-Dichlorobenzene

Concen: 40.909 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampled :

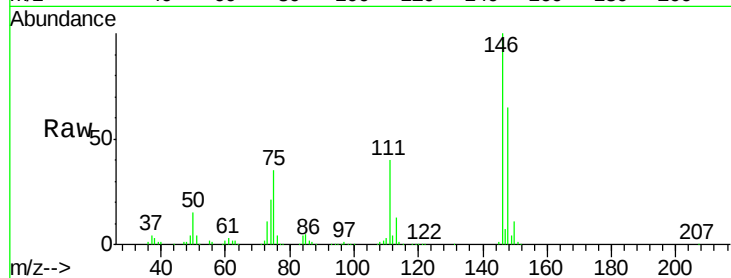
Tot Ion:146 Resp: 741904

Ion Ratio Lower Upper

146 100

148 65.1 52.5 78.7

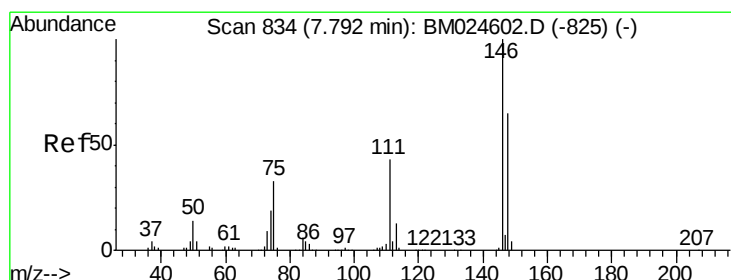
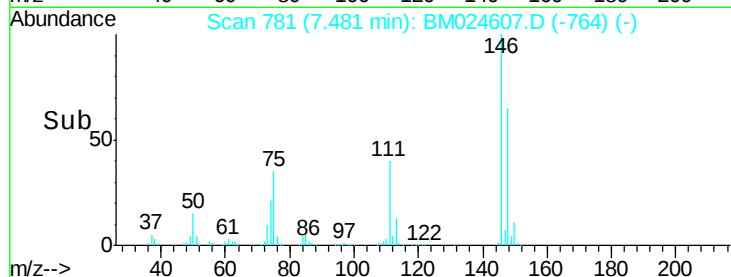
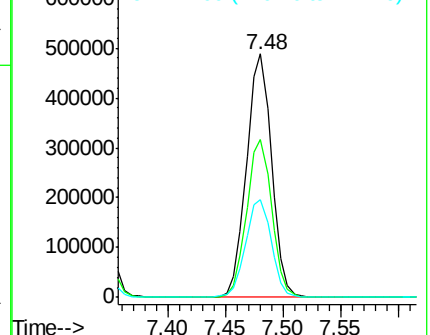
111 40.1 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.764 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

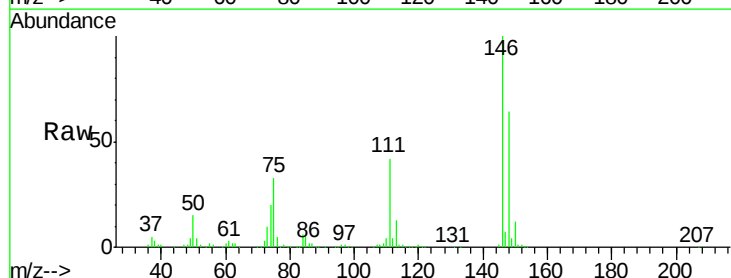
Tgt Ion:146 Resp: 713588

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

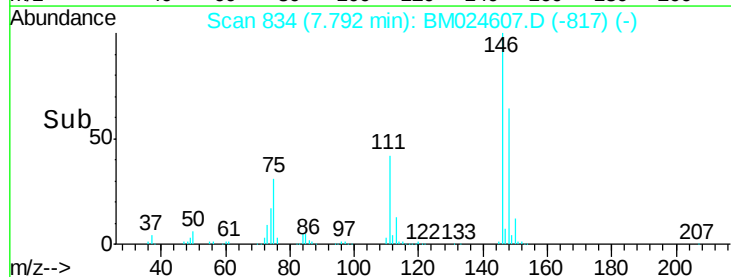
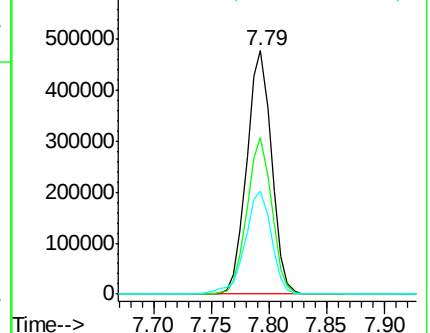
111 42.2 34.5 51.7

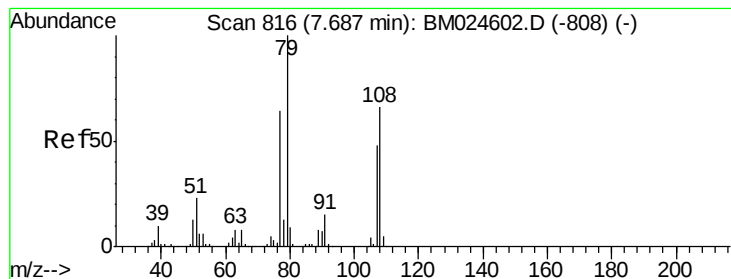


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.842 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampled :

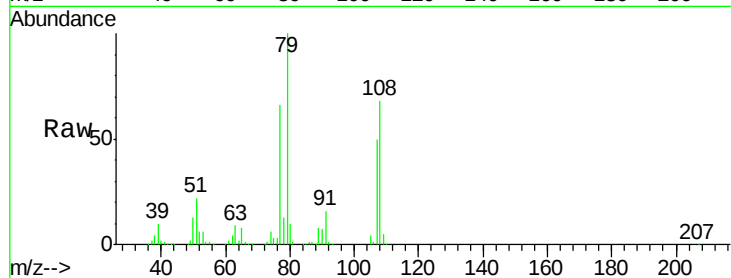
Tot Ion: 79 Resp: 607471

Ion Ratio Lower Upper

79 100

108 67.9 53.0 79.4

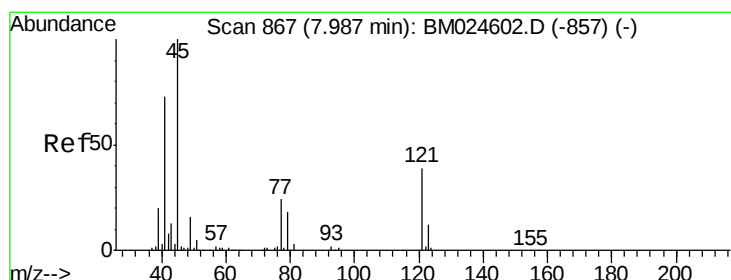
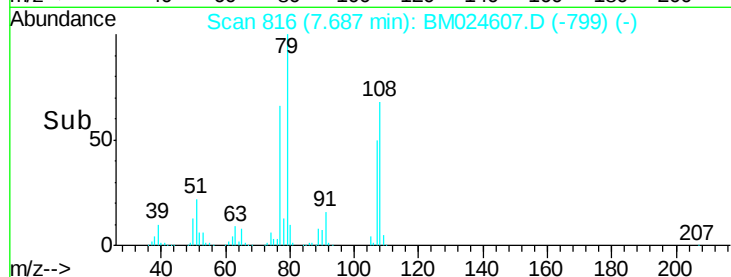
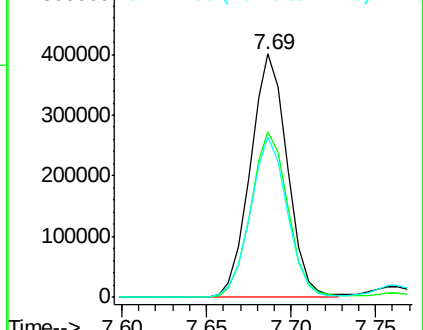
77 66.1 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024607.D (-799) (-)

Ion 108.00 (107.70 to 108.70): BM024607.D (-799) (-)

Ion 77.00 (76.70 to 77.70): BM024607.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.468 ng

RT: 7.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

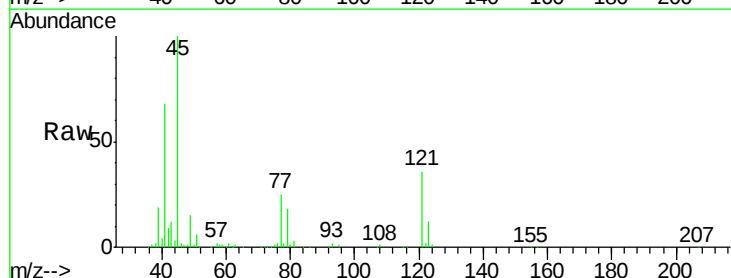
Tgt Ion: 45 Resp: 546308

Ion Ratio Lower Upper

45 100

77 24.8 5.2 45.2

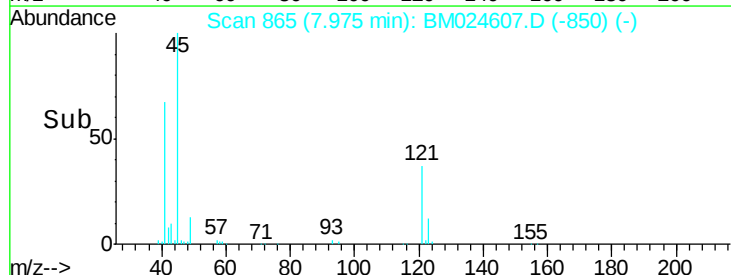
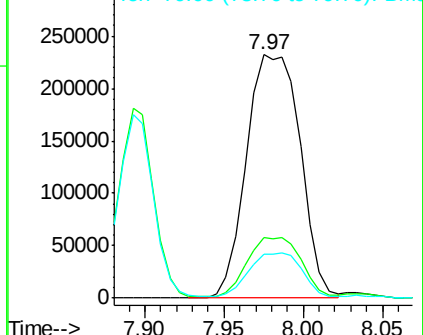
79 18.0 0.0 39.4

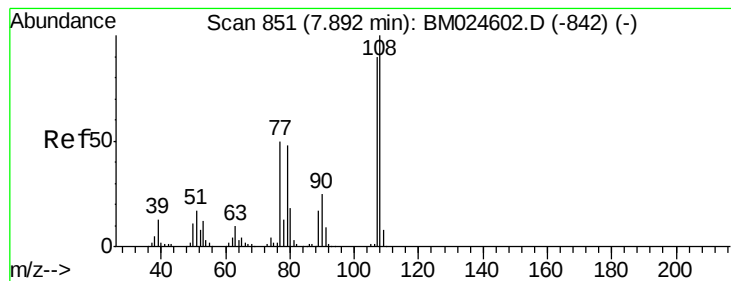


Abundance Ion 45.00 (44.70 to 45.70): BM024607.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM024607.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024607.D (-850) (-)

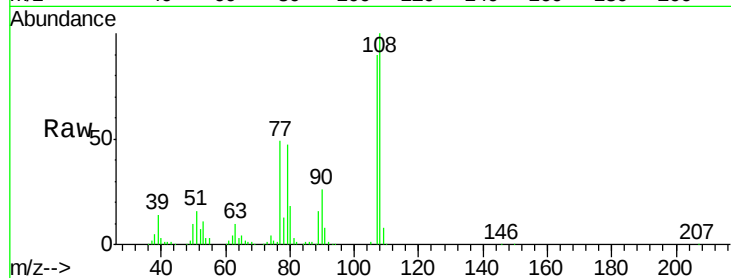




#17
2-Methylphenol
Concen: 42.194 ng
RT: 7.89 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.9	133.3
77	54.6	44.5	66.7
79	52.7	42.9	64.3



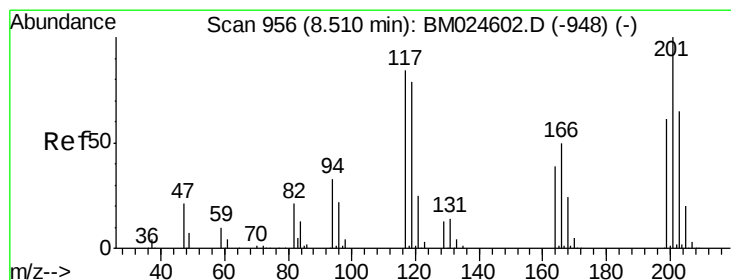
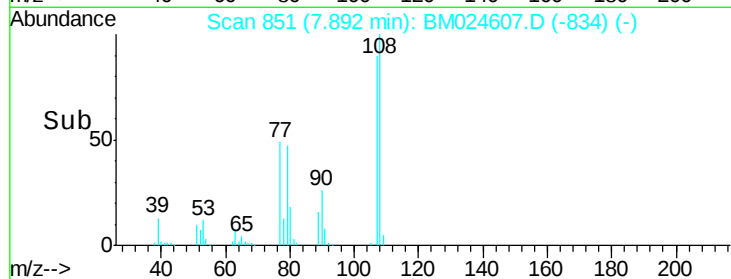
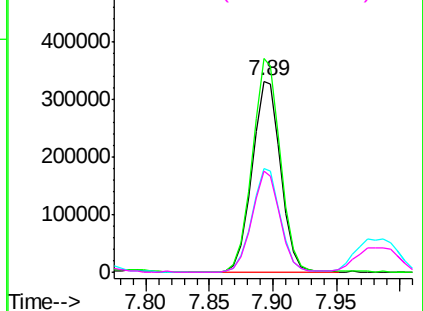
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

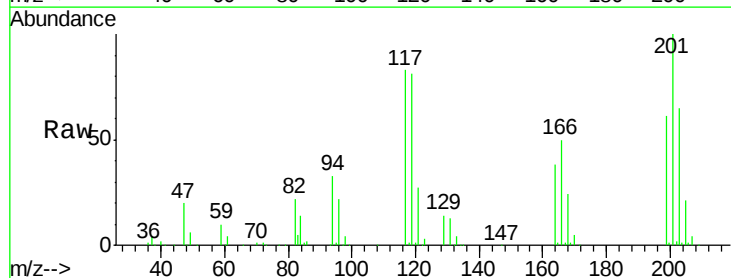
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 40.601 ng
RT: 8.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.2
201	119.8	95.8	143.6

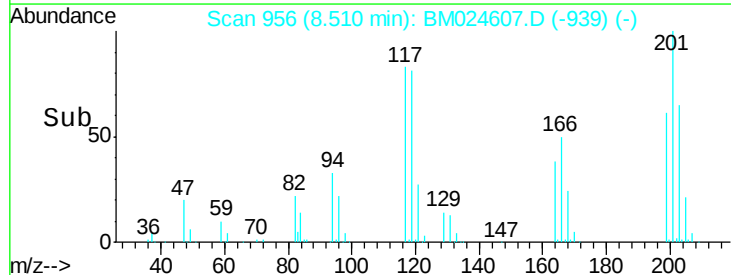
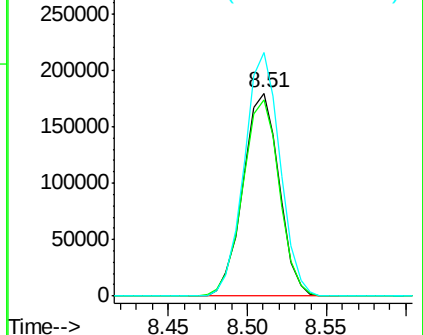


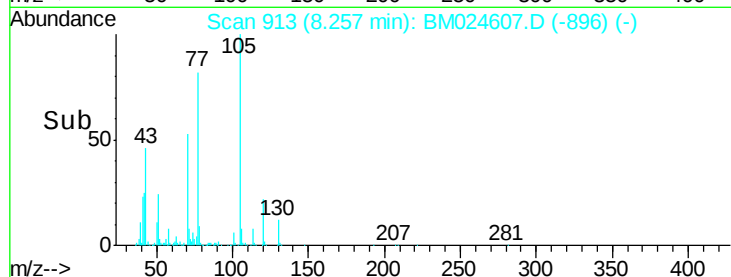
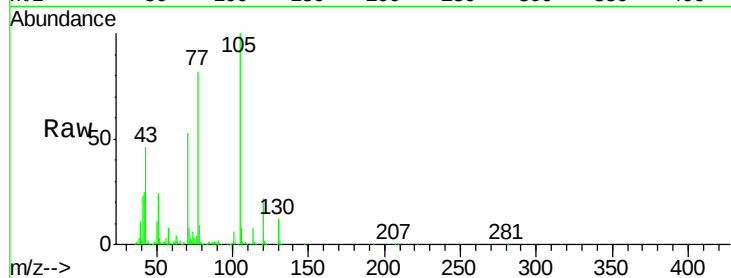
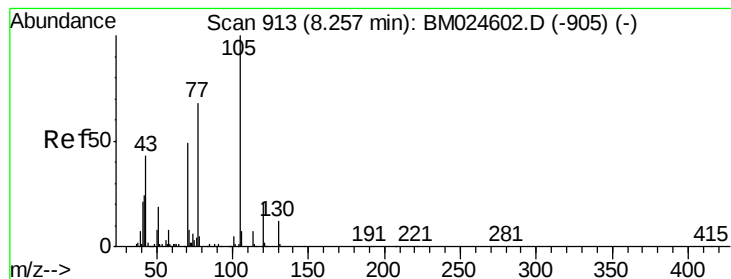
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.985 ng

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 541859

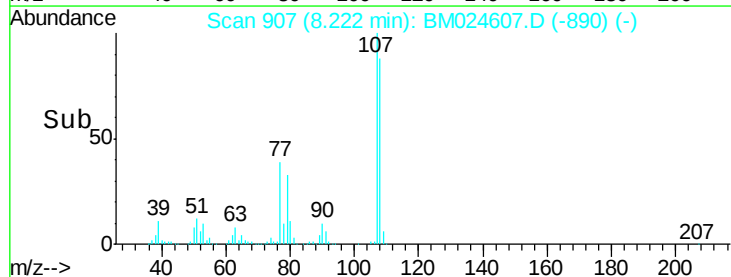
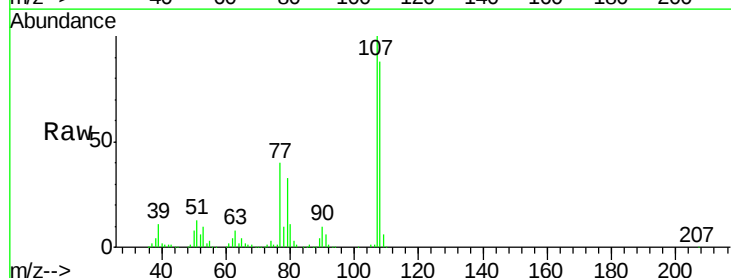
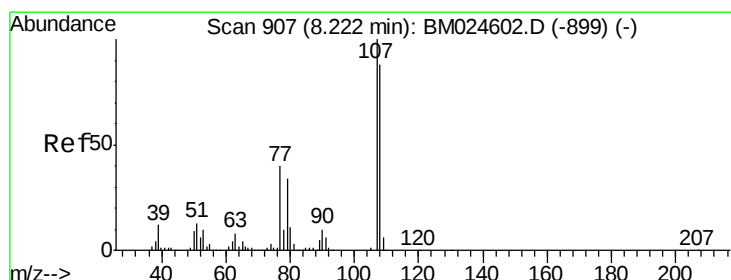
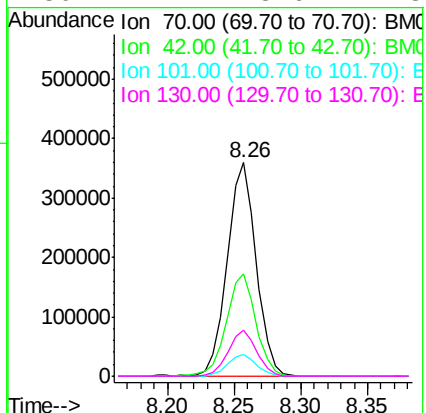
Ion Ratio Lower Upper

70 100

42 47.9 40.0 60.0

101 10.4 8.2 12.2

130 21.7 18.6 27.8



#20

3+4-Methylphenols

Concen: 42.035 ng

RT: 8.22 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion:107 Resp: 719748

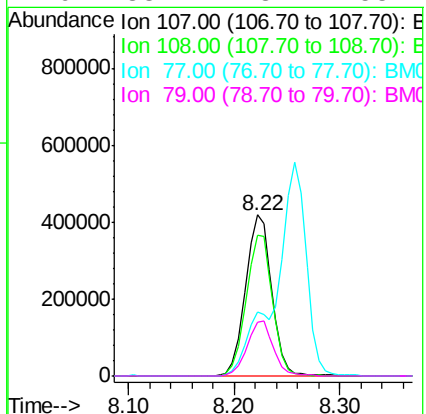
Ion Ratio Lower Upper

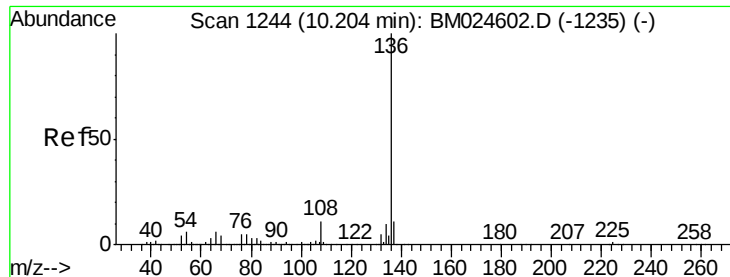
107 100

108 87.7 68.0 108.0

77 39.7 19.9 59.9

79 33.1 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024607.D

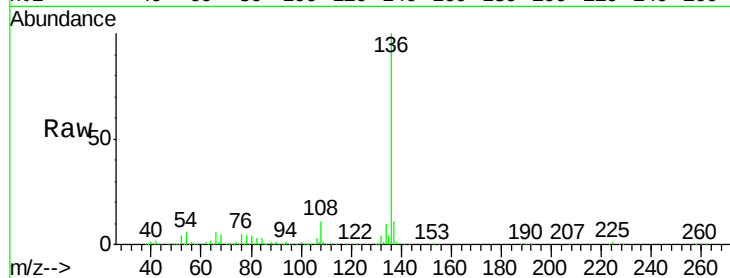
Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	995948	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.6	13.0	
54 5.6	4.5	6.7	
68 4.6	3.4	5.0	



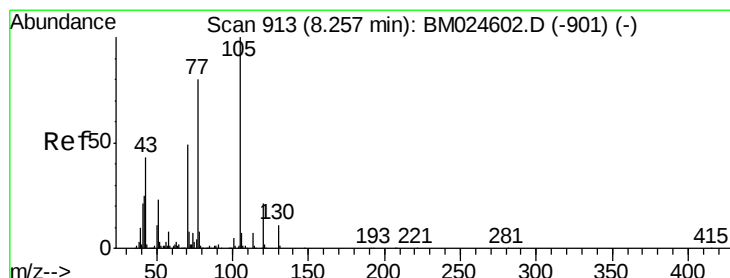
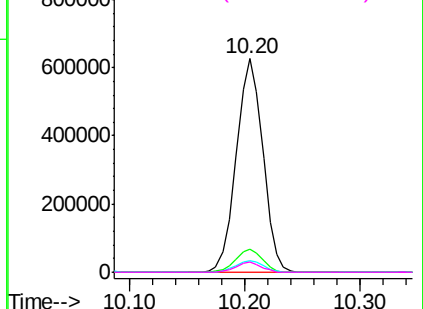
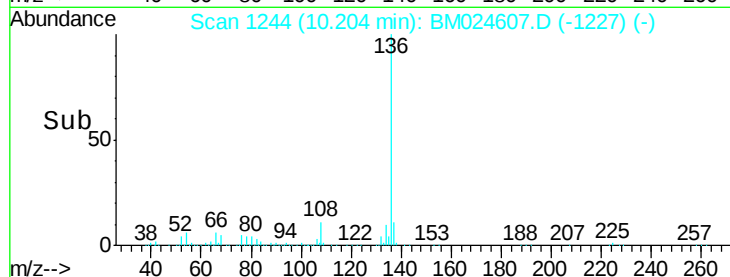
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.107 ng

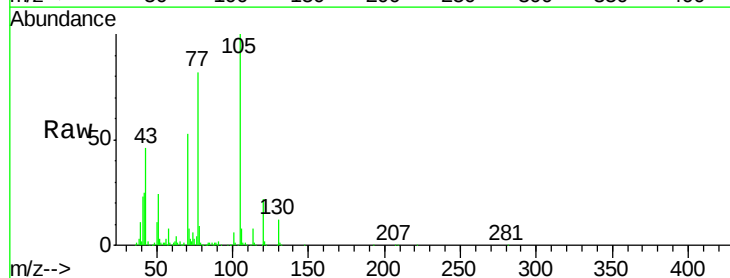
RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt	Ion:105	Resp:	1055658
Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.7	10.1
51	24.2	18.5	27.7
120	21.6	16.6	25.0



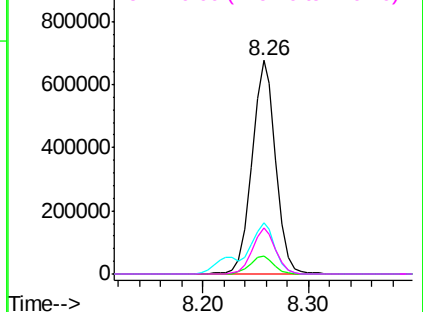
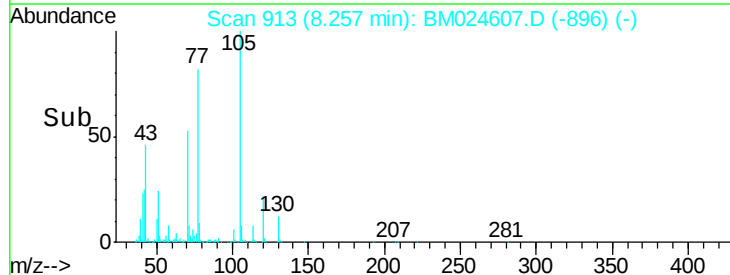
Abundance

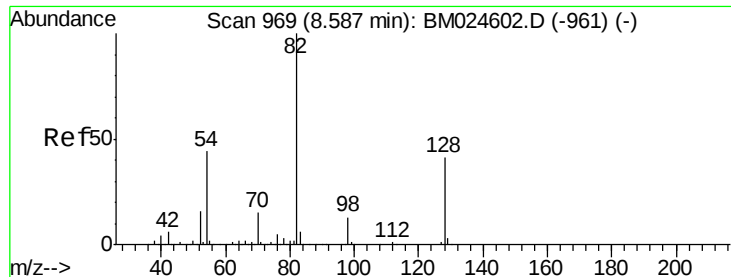
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



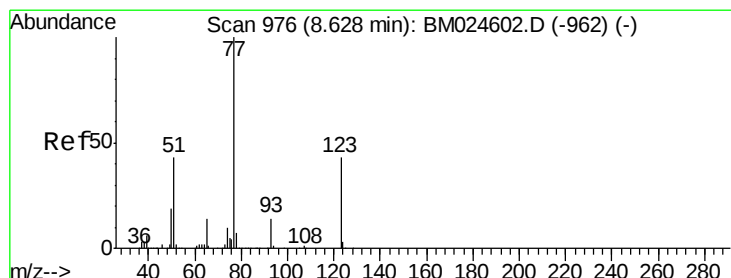
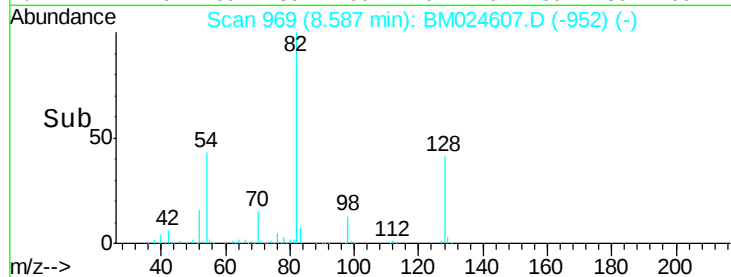
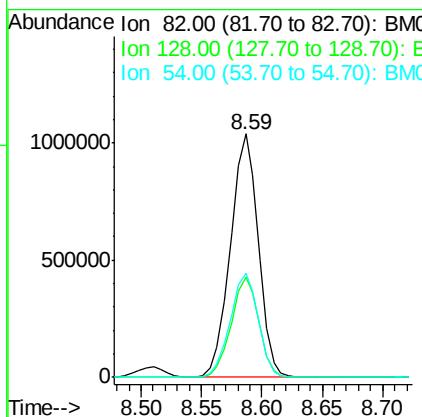
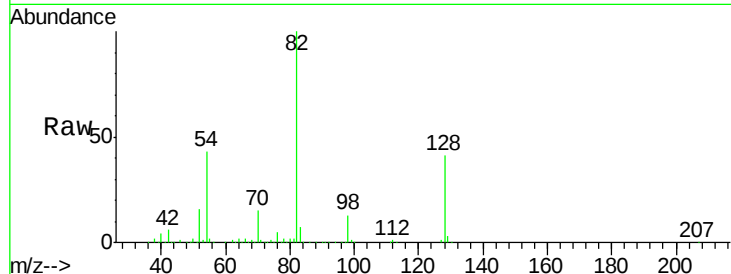


#23
 Nitrobenzene-d5
 Concen: 82.116 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1667638

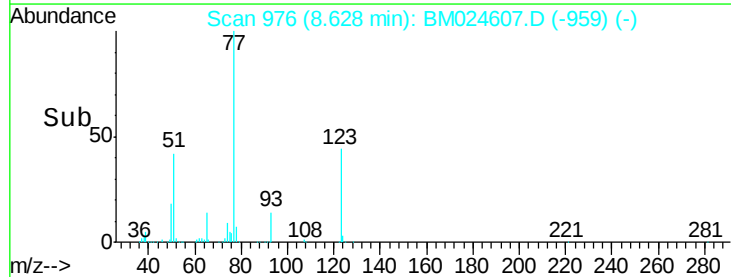
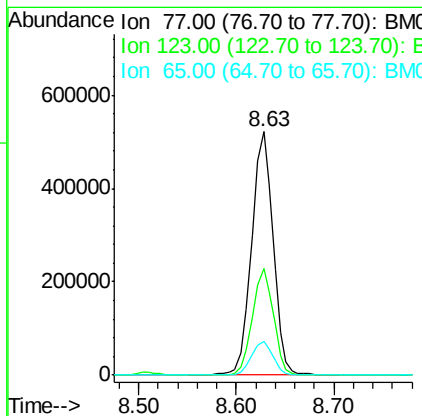
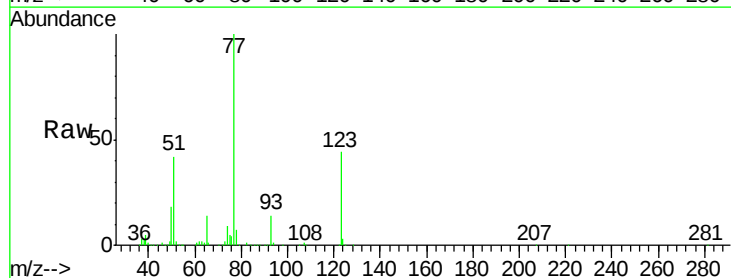
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.6	48.8
54	42.6	34.8	52.2

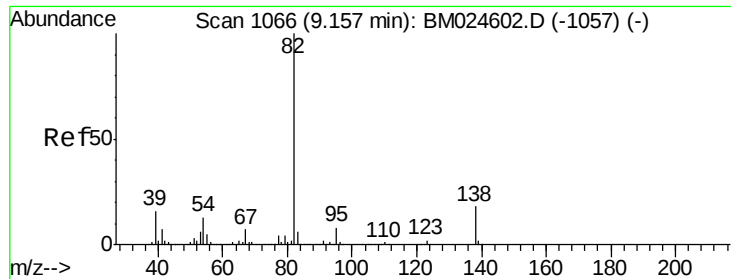


#24
 Nitrobenzene
 Concen: 41.081 ng
 RT: 8.63 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion: 77 Resp: 799481

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.6	52.0
65	14.0	11.0	16.4





#25

Isophorone

Concen: 41.336 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

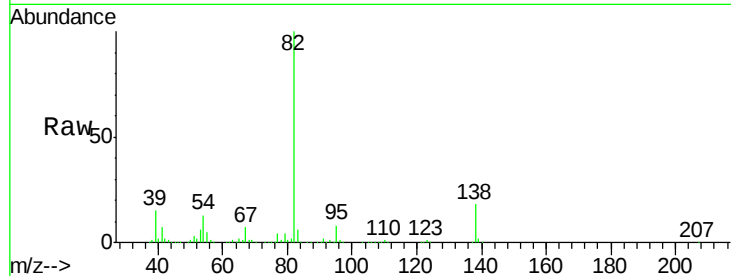
Tot Ion: 82 Resp: 1426367

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

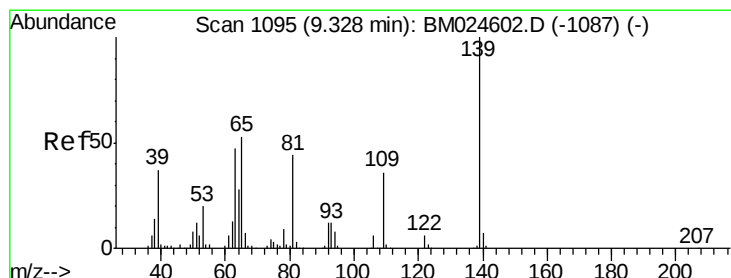
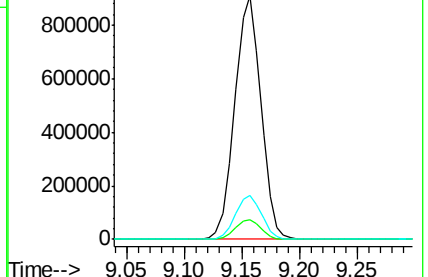
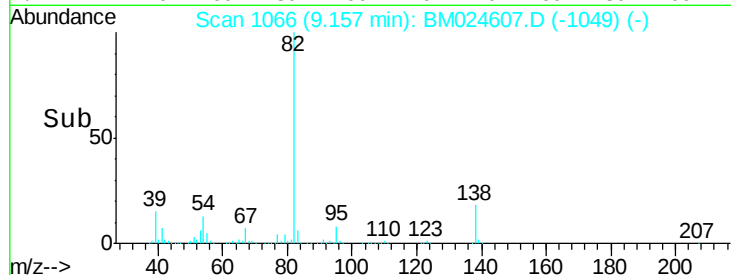
138 18.2 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024607.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024607.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024607.D (-1049) (-)



#26

2-Nitrophenol

Concen: 41.225 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

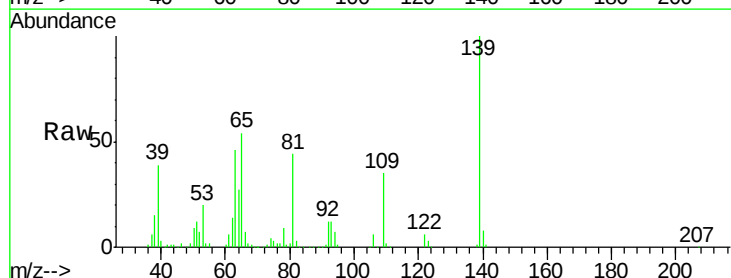
Tgt Ion: 139 Resp: 371497

Ion Ratio Lower Upper

139 100

109 34.8 28.8 43.2

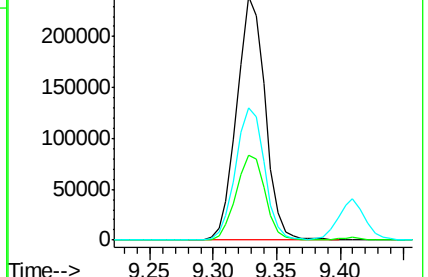
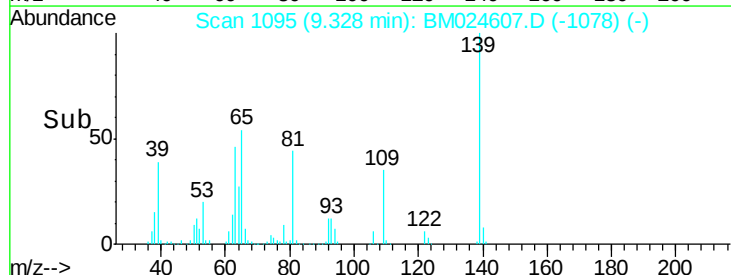
65 54.3 42.6 63.8

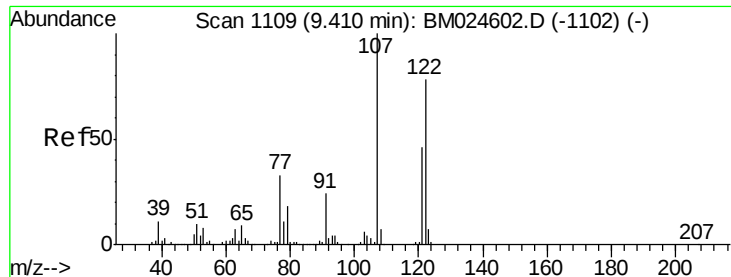


Abundance Ion 139.00 (138.70 to 139.70): BM024607.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024607.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024607.D (-1078) (-)

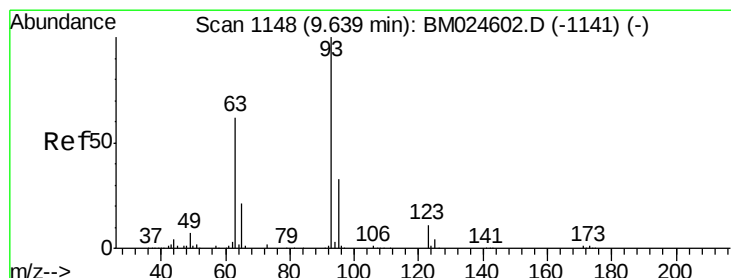
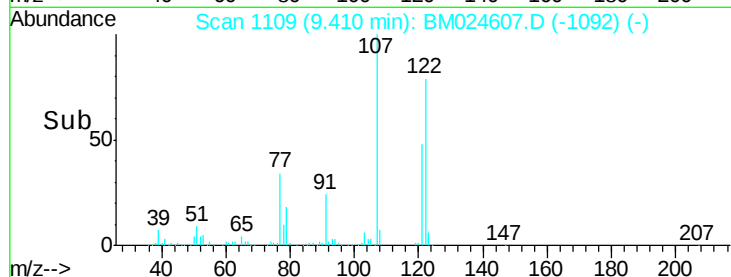
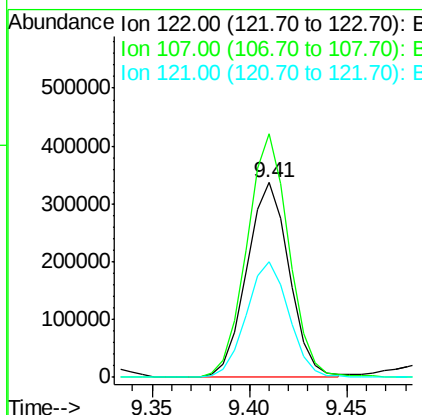
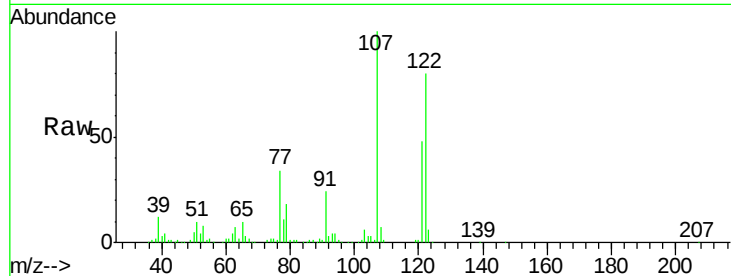




#27
2,4-Dimethylphenol
Concen: 41.557 ng
RT: 9.41 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

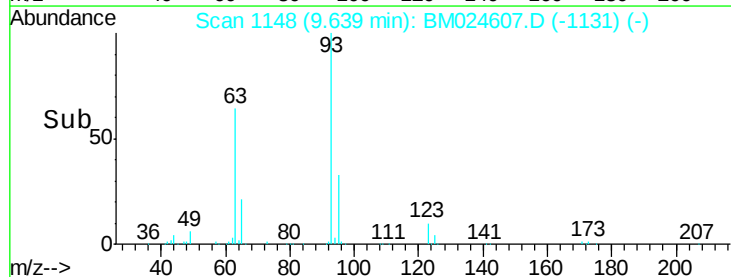
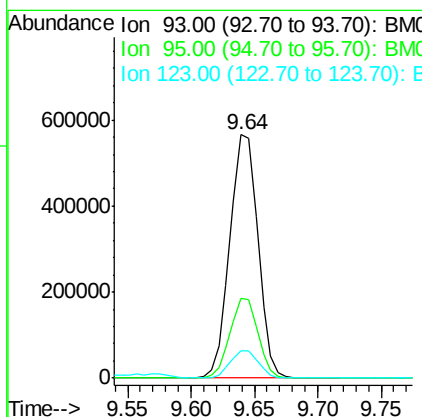
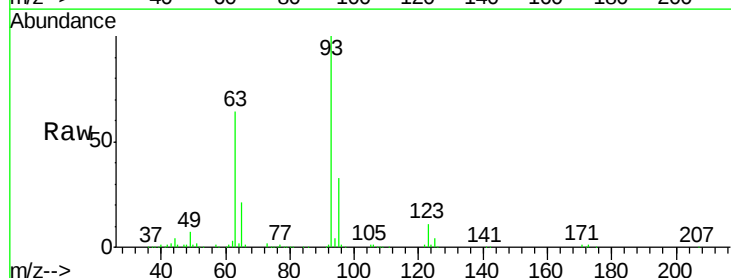
Instrument :
BNA_M
ClientSampleId :

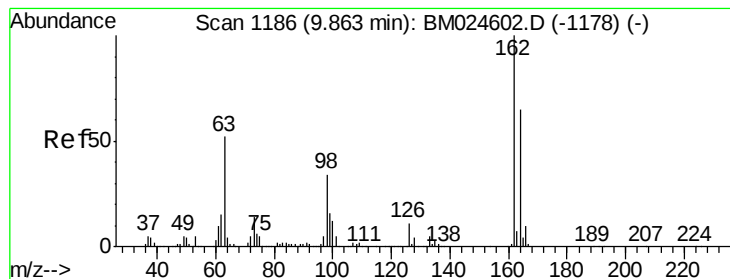
Tot Ion:122 Resp: 508894
Ion Ratio Lower Upper
122 100
107 125.2 102.5 153.7
121 59.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.301 ng
RT: 9.64 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion: 93 Resp: 870615
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.241 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

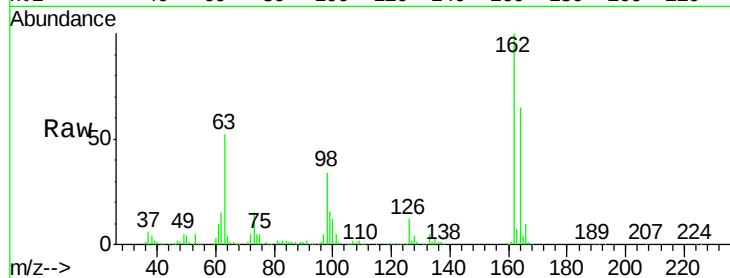
Tot Ion:162 Resp: 682311

Ion Ratio Lower Upper

162 100

164 65.3 44.5 84.5

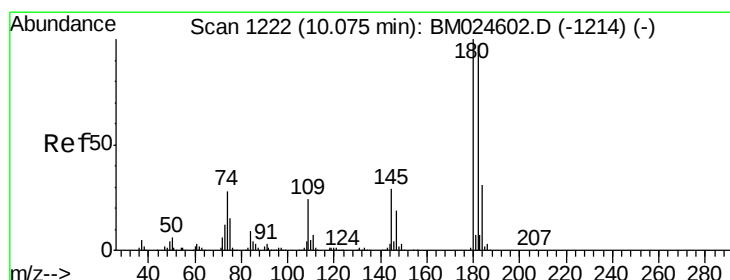
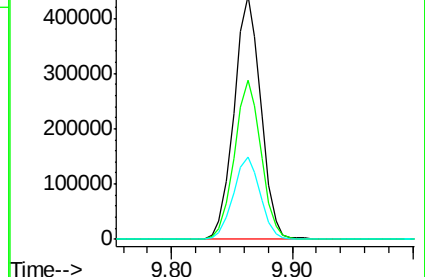
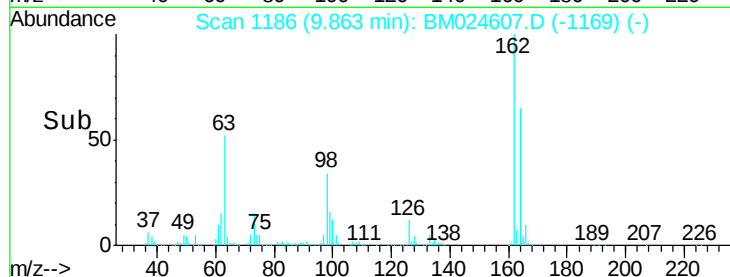
98 34.0 14.2 54.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 40.444 ng

RT: 10.07 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

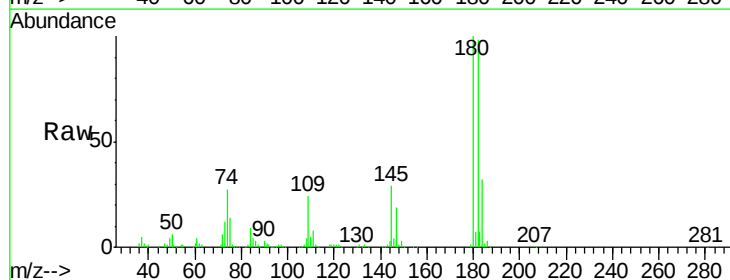
Tgt Ion:180 Resp: 806998

Ion Ratio Lower Upper

180 100

182 97.9 77.8 116.6

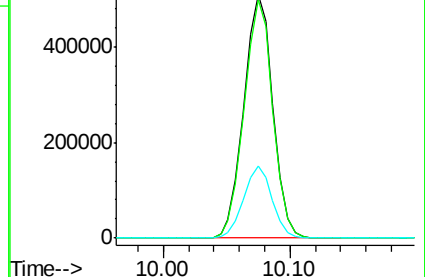
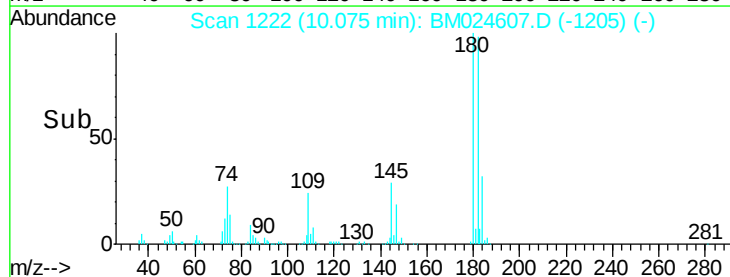
145 29.5 22.9 34.3

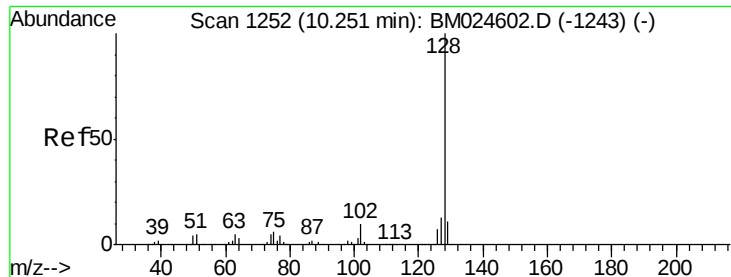


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

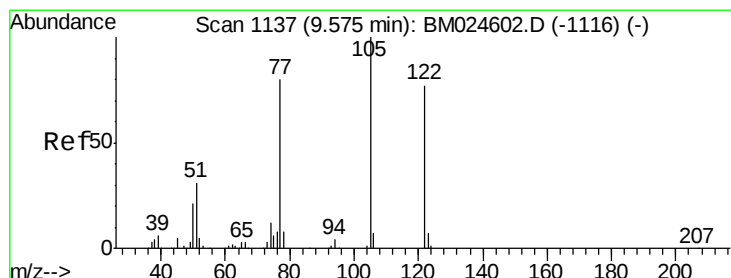
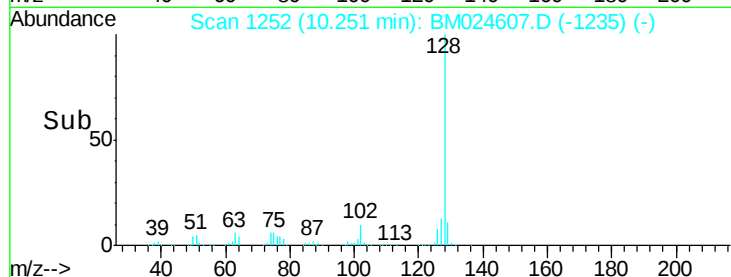
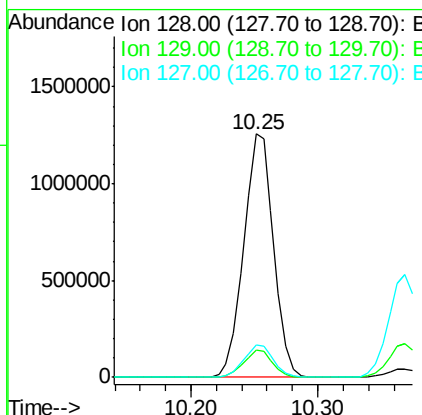
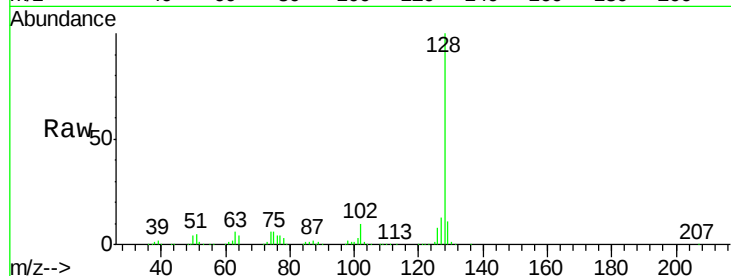




#31
Naphthalene
Concen: 40.690 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

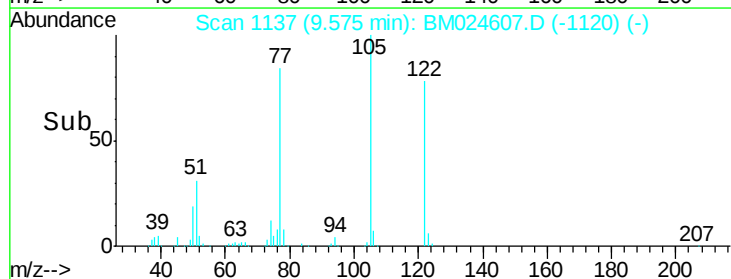
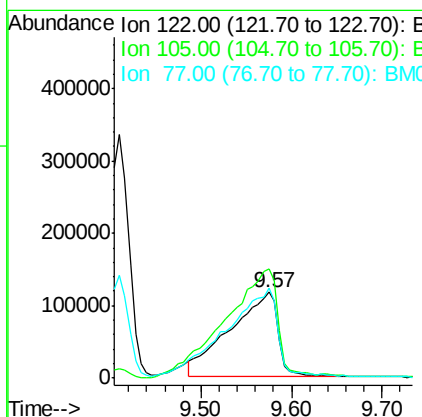
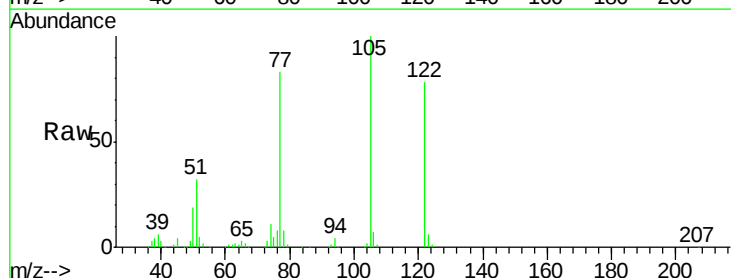
Instrument :
BNA_M
ClientSampleId :

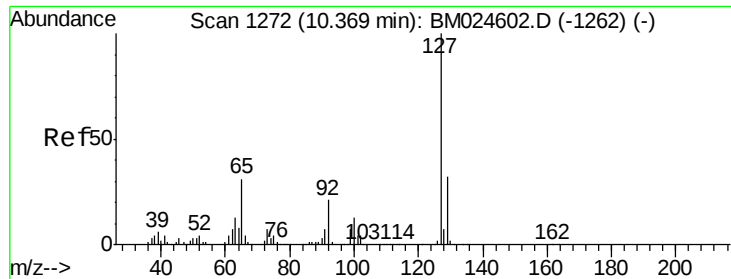
Tot Ion:128 Resp: 2046830
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 37.346 ng
RT: 9.57 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:122 Resp: 418346
Ion Ratio Lower Upper
122 100
105 127.7 107.7 147.7
77 105.8 83.8 123.8

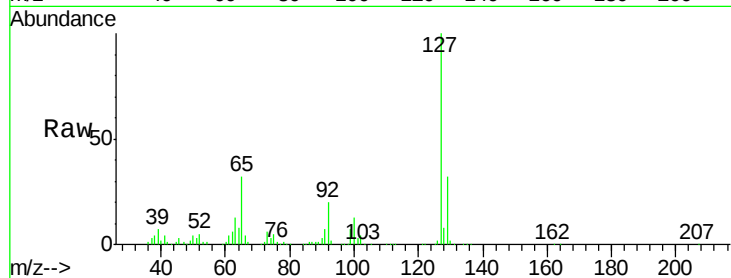




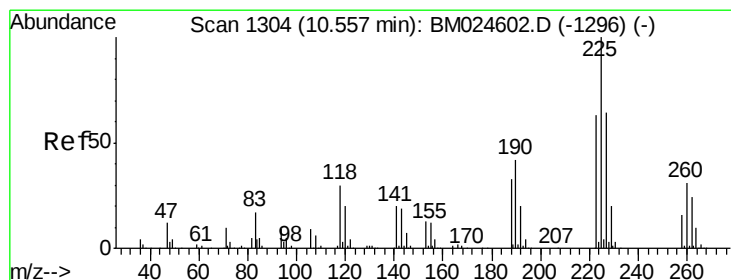
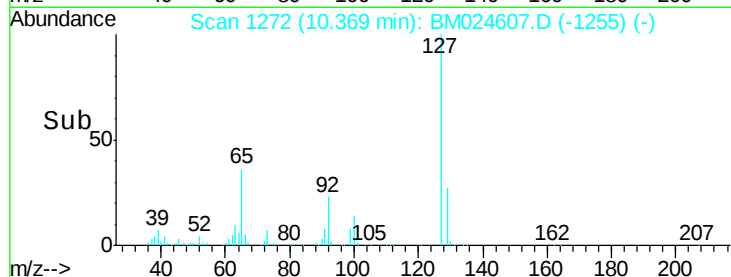
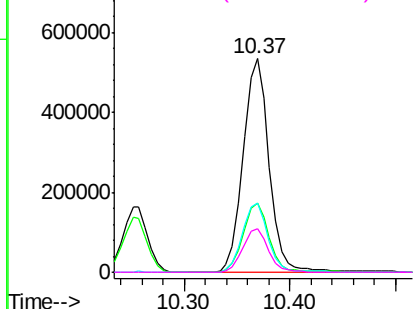
#33
4-Chloroaniline
Concen: 41.375 ng
RT: 10.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	912286
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	32.2	25.1	37.7
92	20.4	16.6	25.0

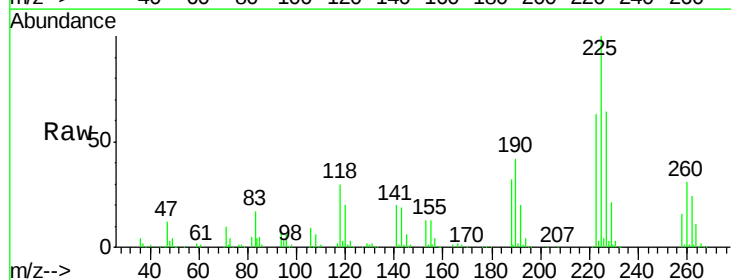


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

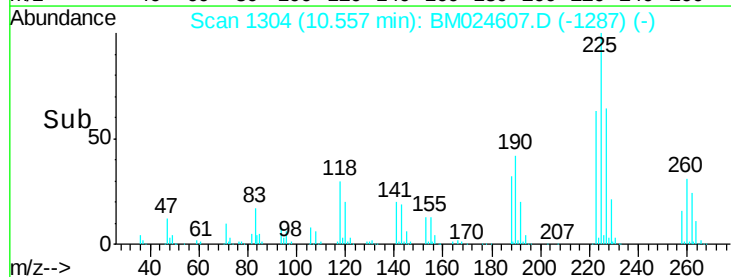
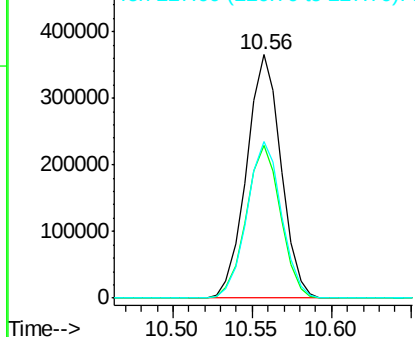


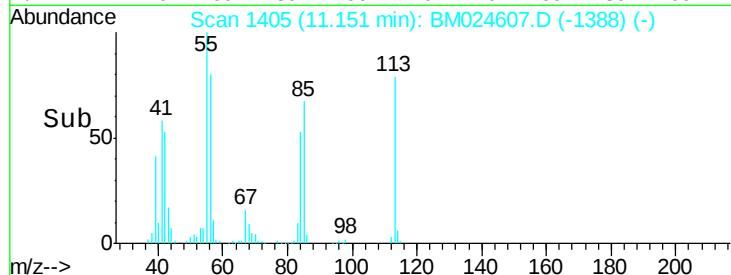
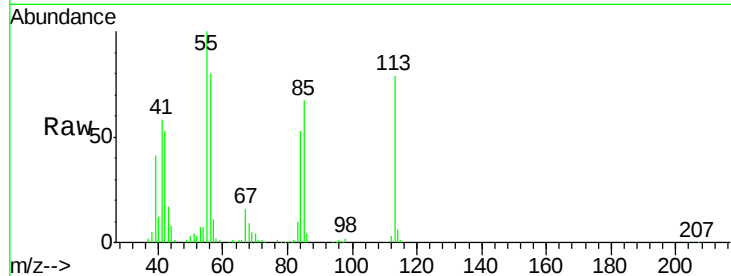
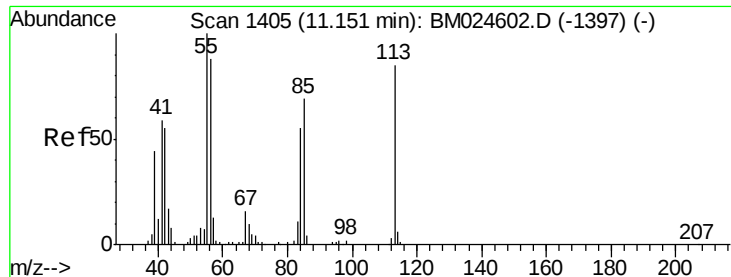
#34
Hexachlorobutadiene
Concen: 40.006 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:	225	Resp:	551816
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.5	51.4	77.0



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





#35

Caprolactam

Concen: 40.437 ng

RT: 11.15 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampled :

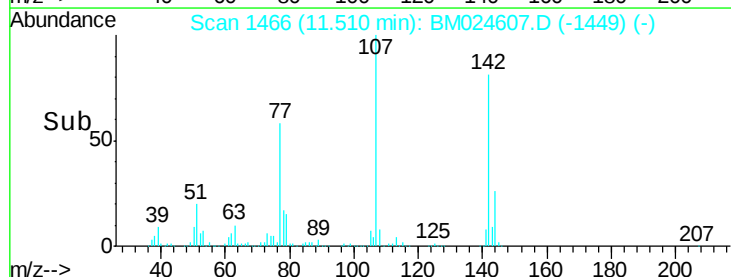
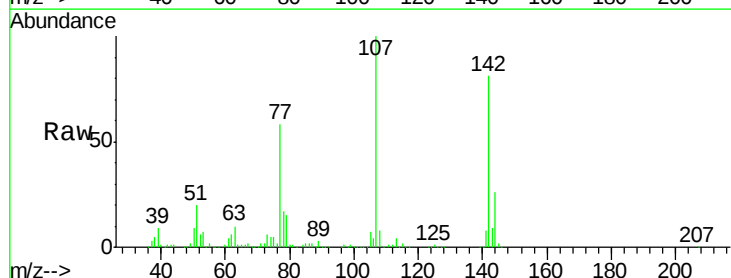
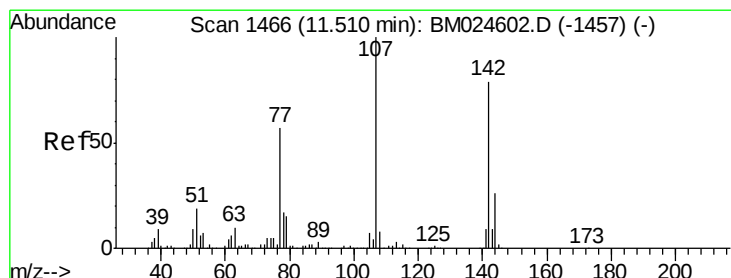
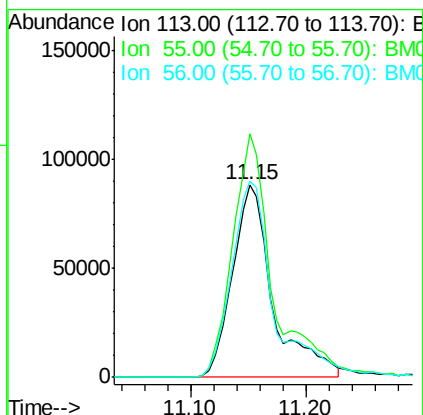
Tot Ion:113 Resp: 214636

Ion Ratio Lower Upper

113 100

55 126.4 97.5 137.5

56 101.6 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 41.032 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

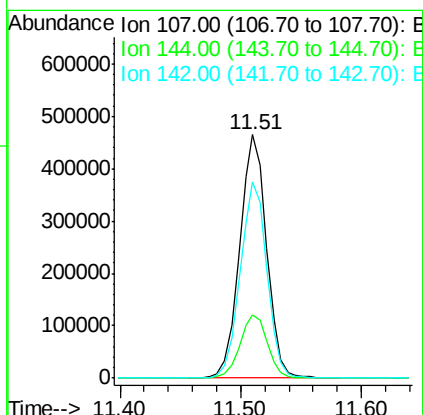
Tgt Ion:107 Resp: 721840

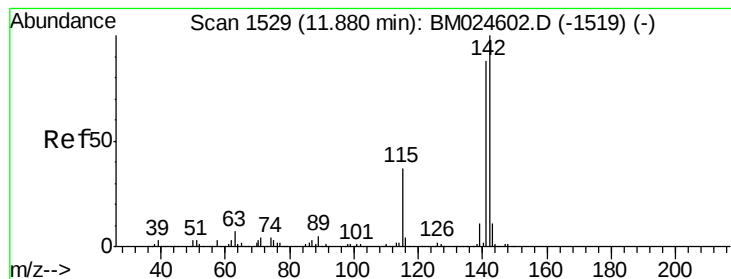
Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

142 80.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.757 ng

RT: 11.88 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

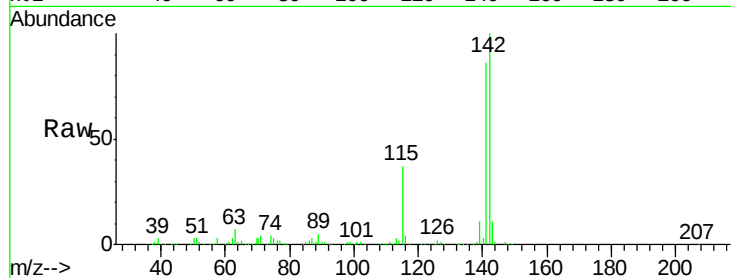
Tot Ion:142 Resp: 1582182

Ion Ratio Lower Upper

142 100

141 86.3 70.2 105.2

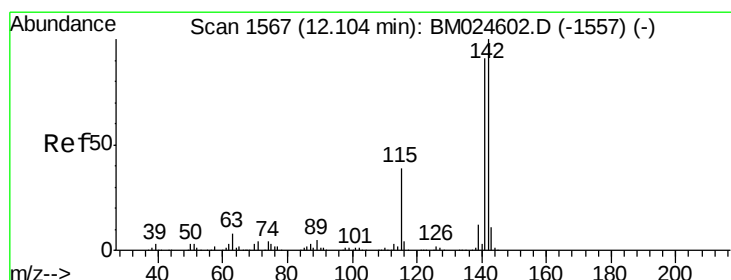
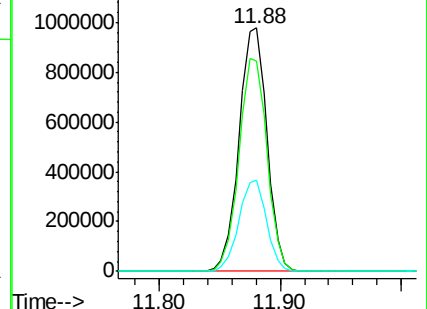
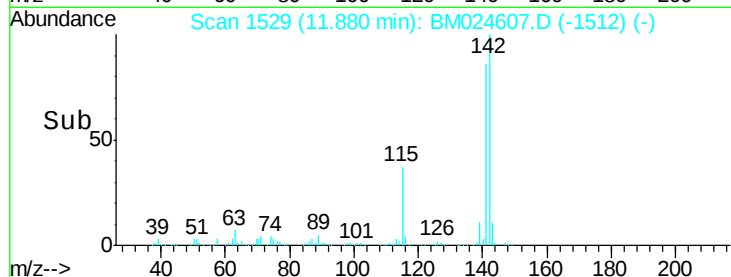
115 37.4 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.039 ng

RT: 12.10 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

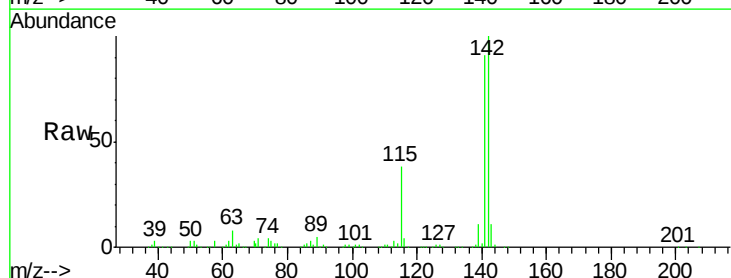
Tgt Ion:142 Resp: 1515421

Ion Ratio Lower Upper

142 100

141 90.8 72.8 109.2

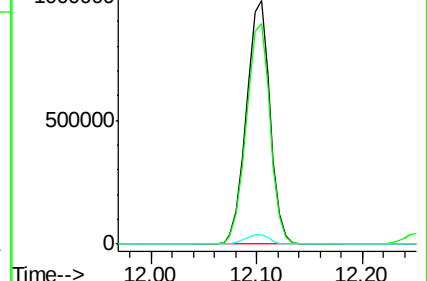
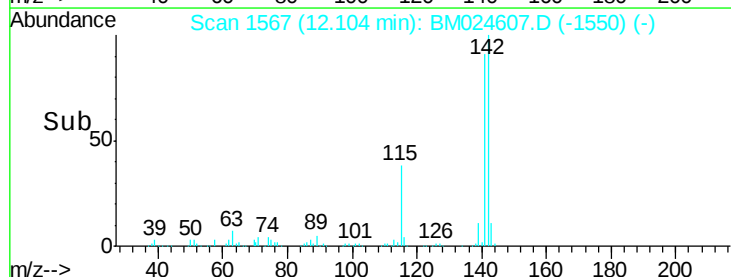
116 3.7 3.2 4.8

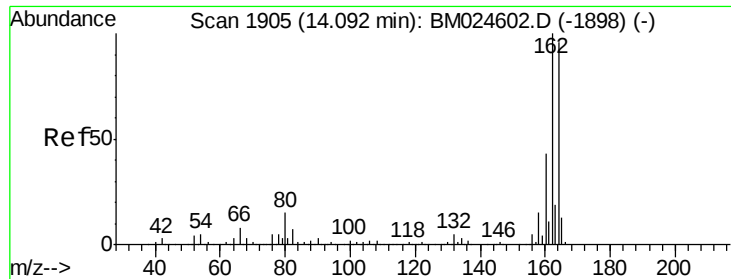


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

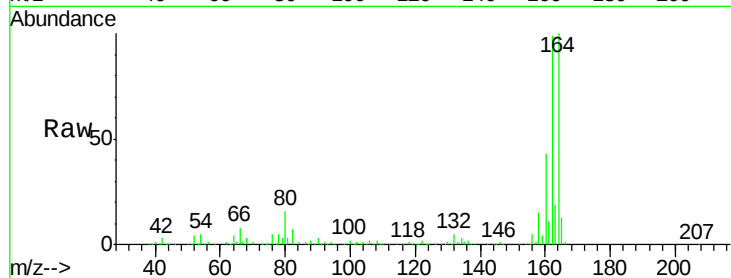
Tot Ion:164 Resp: 696930

Ion Ratio Lower Upper

164 100

162 99.1 82.9 124.3

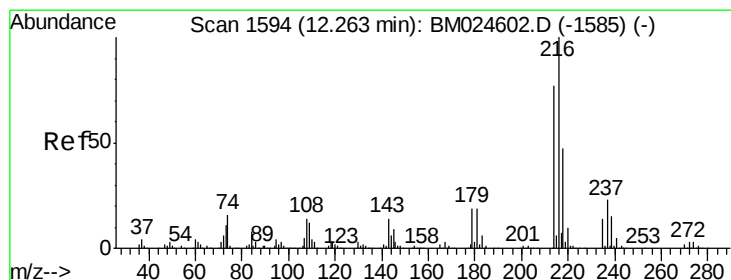
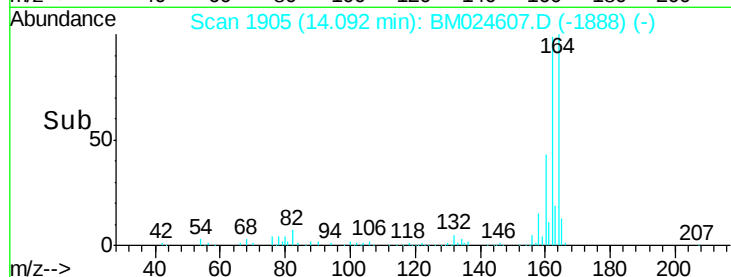
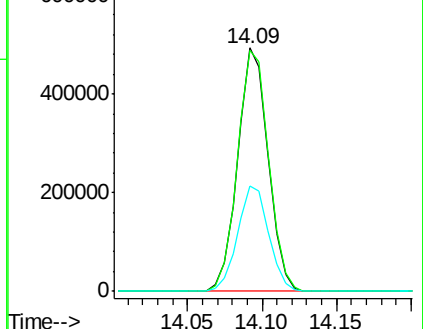
160 43.1 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.819 ng

RT: 12.26 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion:216 Resp: 1015306

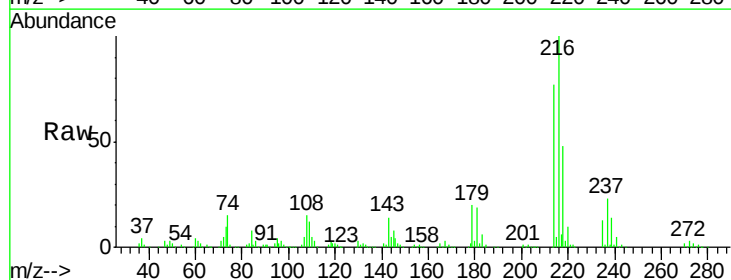
Ion Ratio Lower Upper

216 100

214 78.1 62.3 93.5

179 20.2 16.1 24.1

108 16.1 13.0 19.6

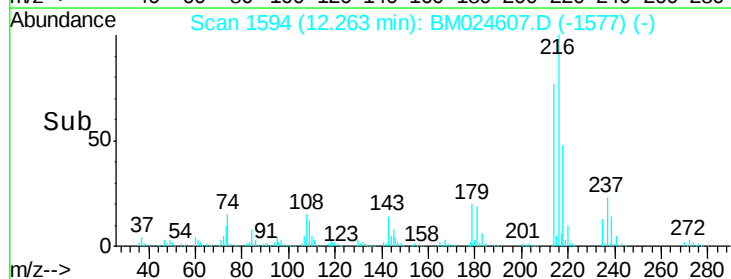
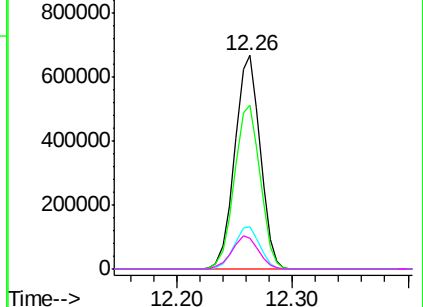


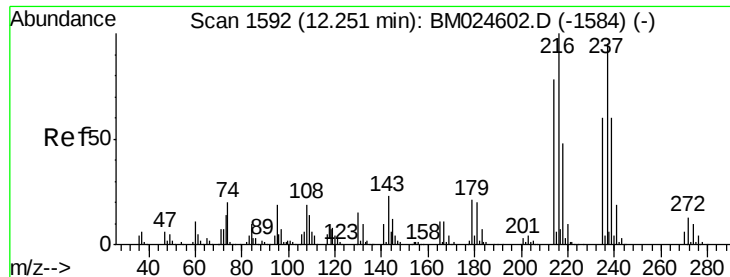
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.359 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

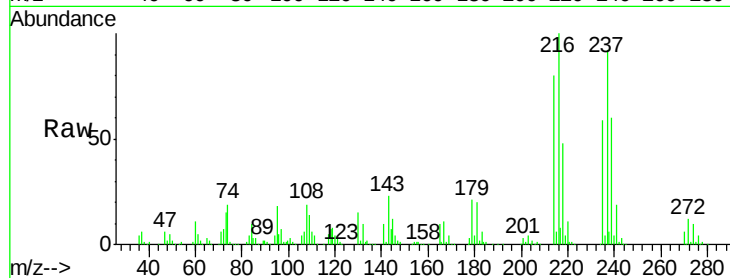
Tot Ion:237 Resp: 548737

Ion Ratio Lower Upper

237 100

235 64.0 43.3 83.3

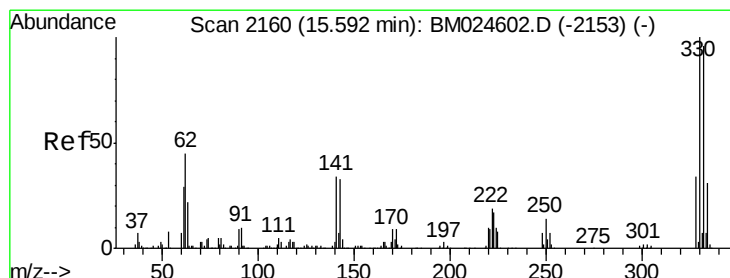
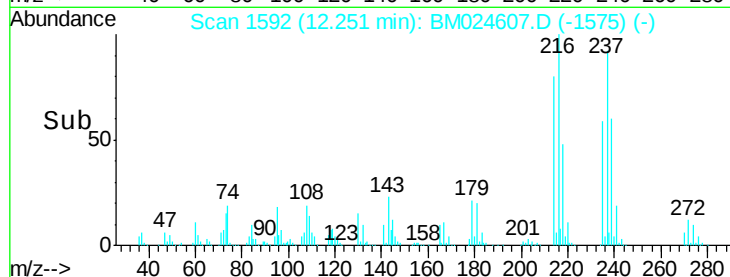
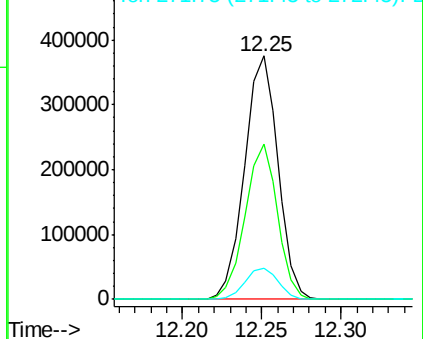
272 12.9 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.103 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

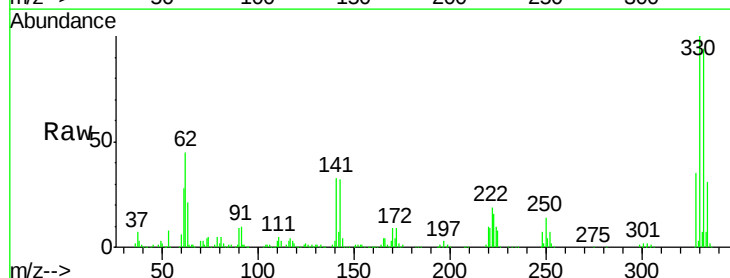
Tgt Ion:330 Resp: 919434

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

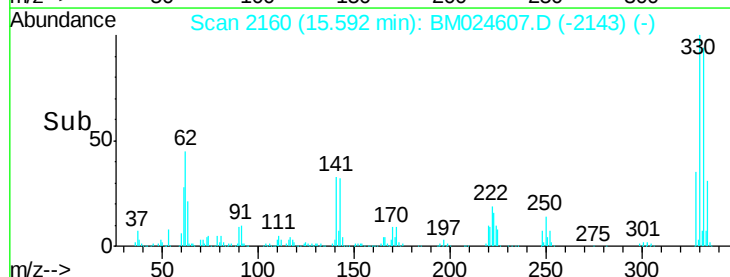
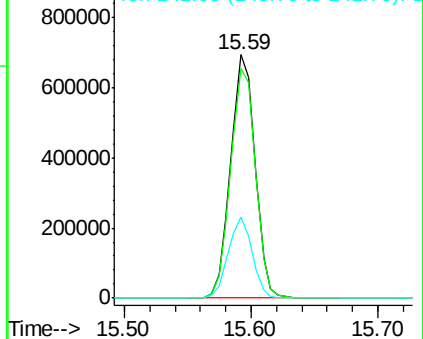
141 32.8 26.9 40.3

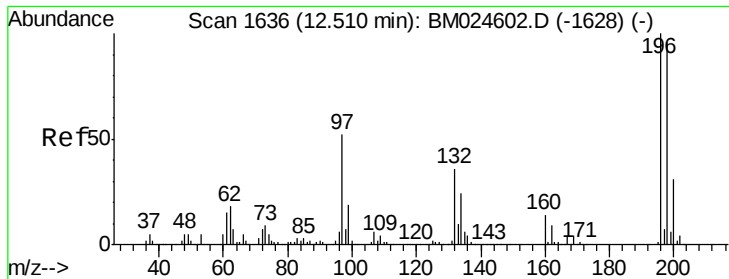


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

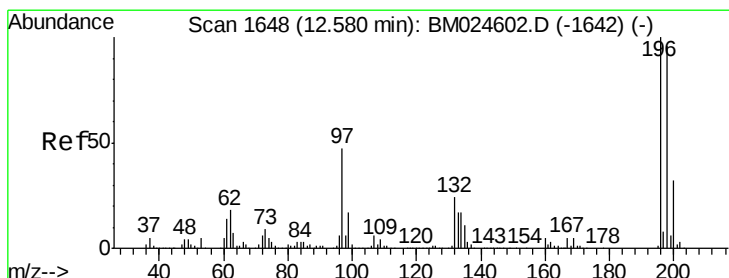
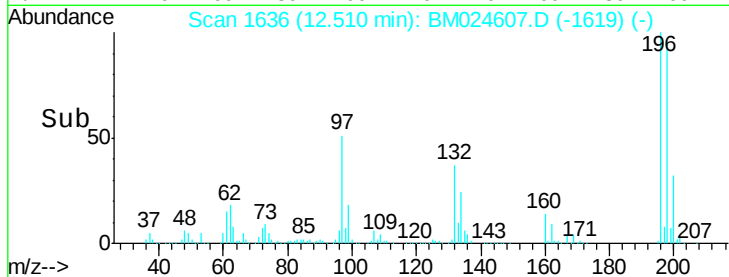
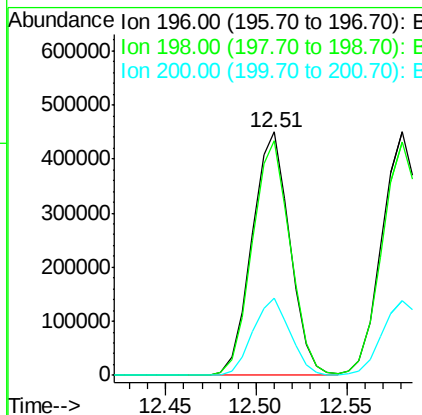
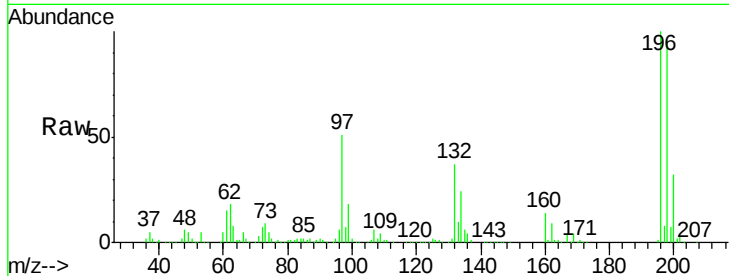




#43
 2,4,6-Trichlorophenol
 Concen: 41.309 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

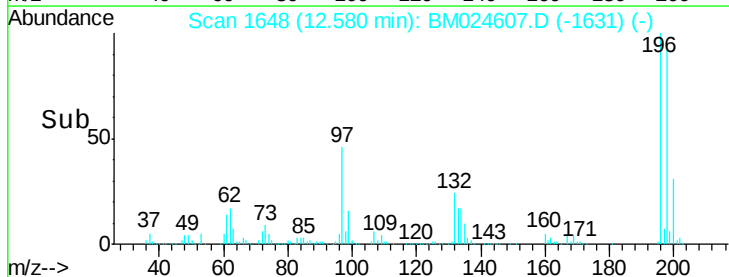
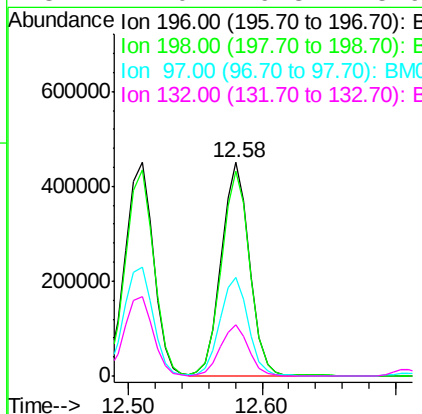
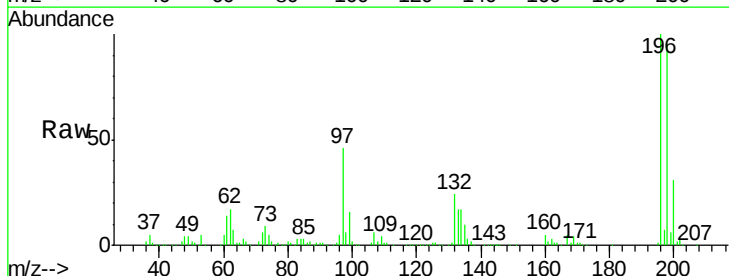
Instrument :
 BNA_M
 ClientSampled :

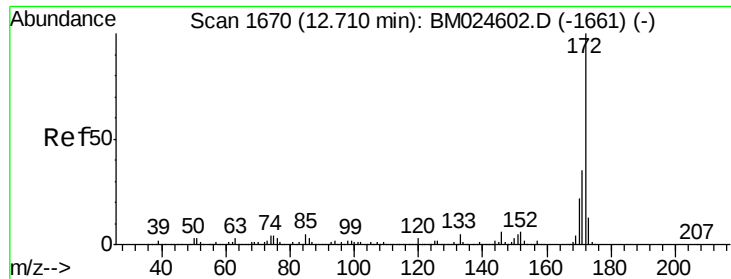
Tot Ion:196 Resp: 653849
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.5 114.7
 200 31.7 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.113 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion:196 Resp: 664595
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.2 115.8
 97 46.0 37.4 56.0
 132 24.0 19.3 28.9

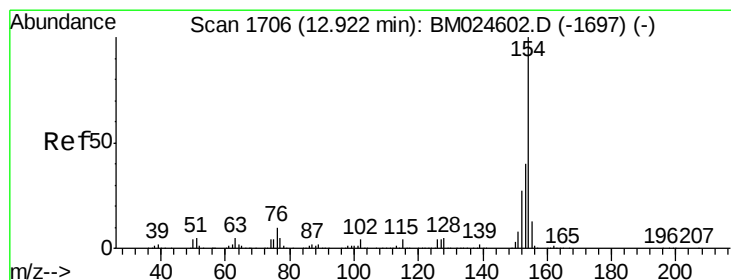
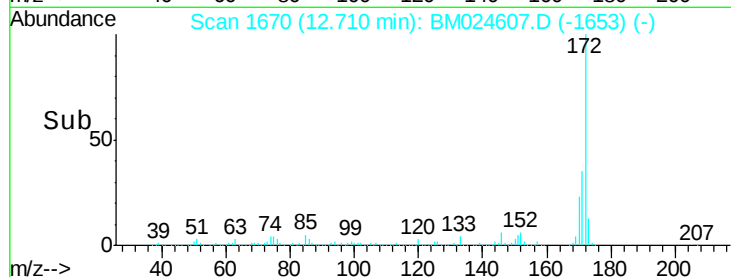
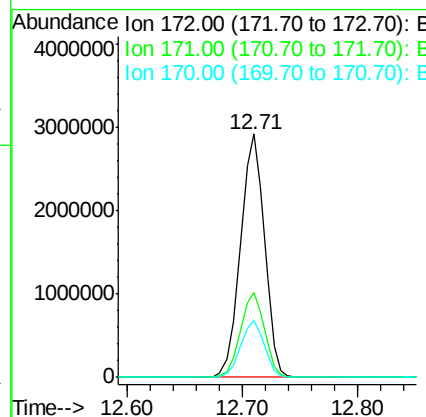
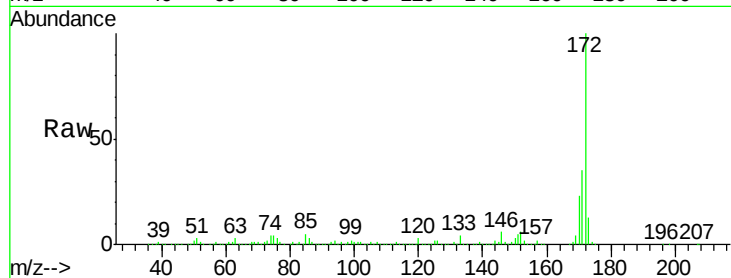




#45
2-Fluorobiphenyl
Concen: 81.859 ng
RT: 12.71 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

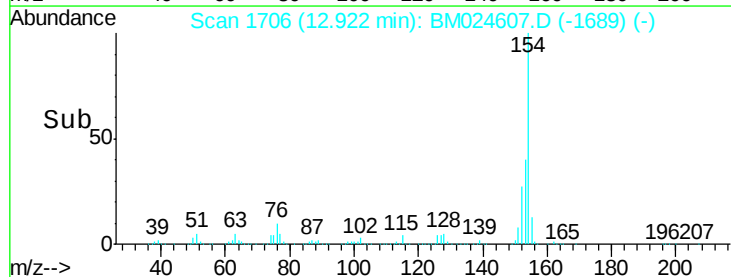
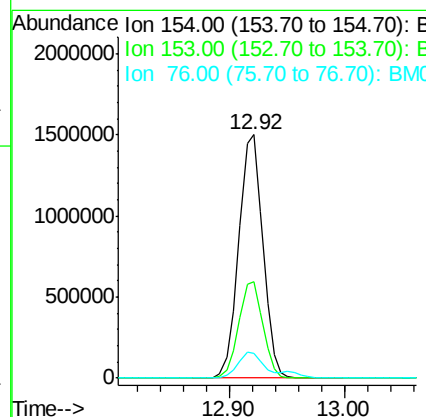
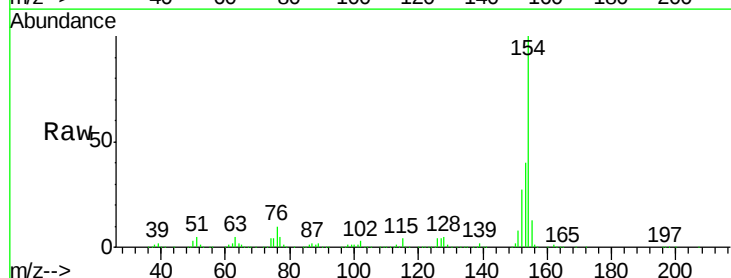
Instrument :
BNA_M
ClientSampleId :

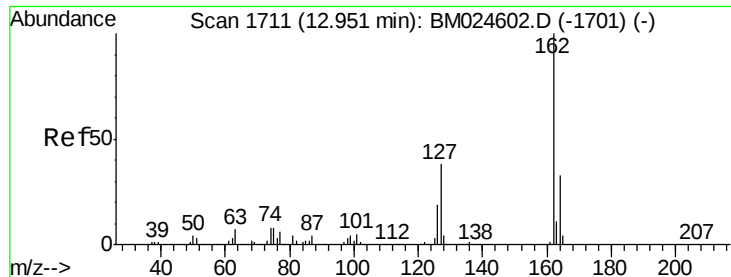
Tot Ion:172 Resp: 4196365
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.0 17.9 26.9



#46
1,1'-Biphenyl
Concen: 41.186 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:154 Resp: 2172247
Ion Ratio Lower Upper
154 100
153 39.6 20.3 60.3
76 10.3 0.0 30.5

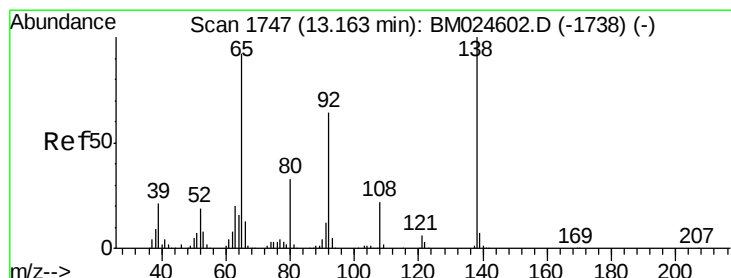
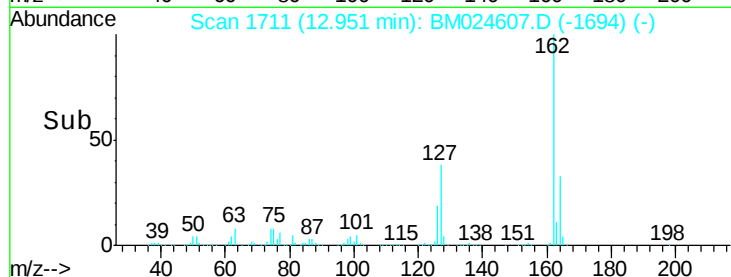
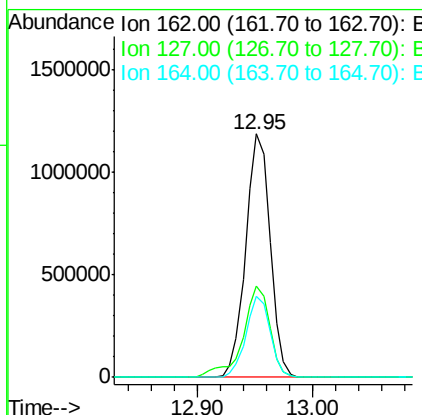
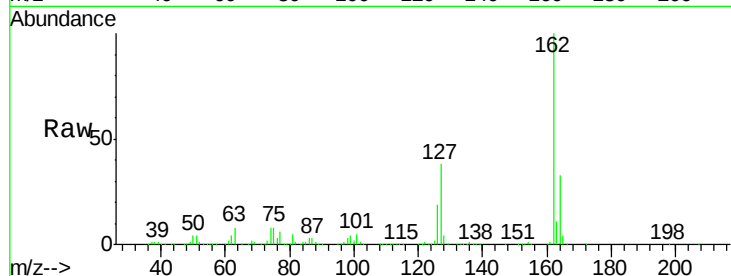




#47
2-Chloronaphthalene
Concen: 41.070 ng
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

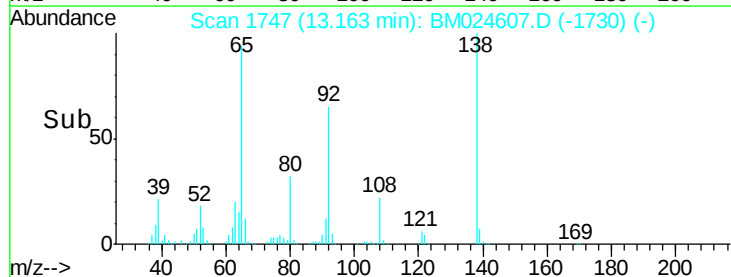
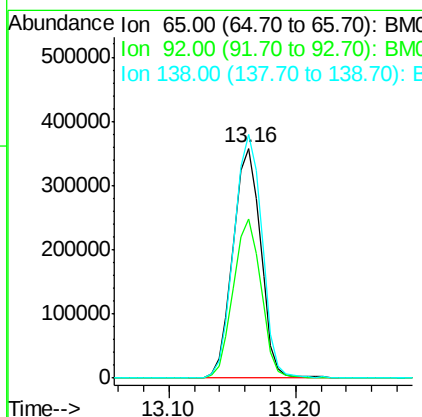
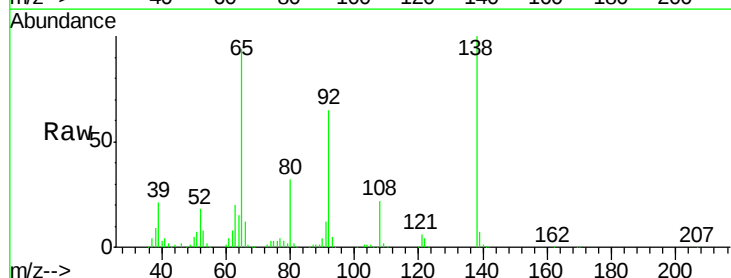
Instrument :
BNA_M
ClientSampleId :

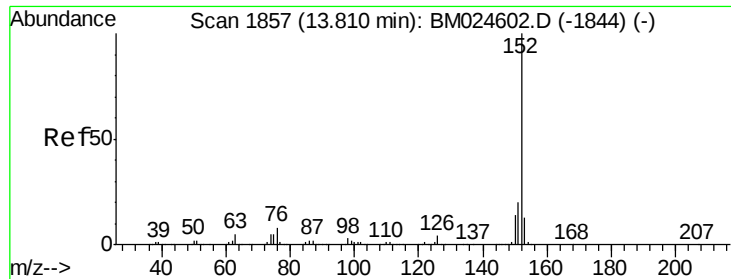
Tot Ion:162 Resp: 1748694
Ion Ratio Lower Upper
162 100
127 37.7 30.4 45.6
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 41.943 ng
RT: 13.16 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion: 65 Resp: 544680
Ion Ratio Lower Upper
65 100
92 69.2 55.4 83.2
138 106.0 86.6 129.8





#49

Acenaphthylene

Concen: 41.359 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

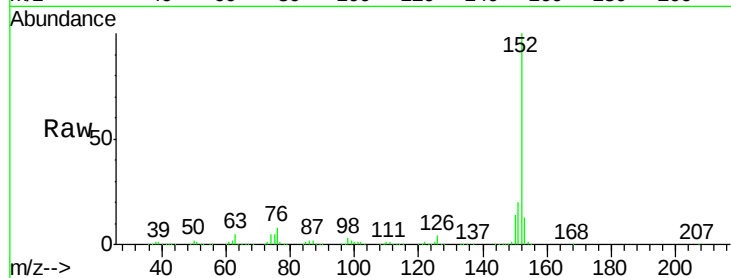
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2636276

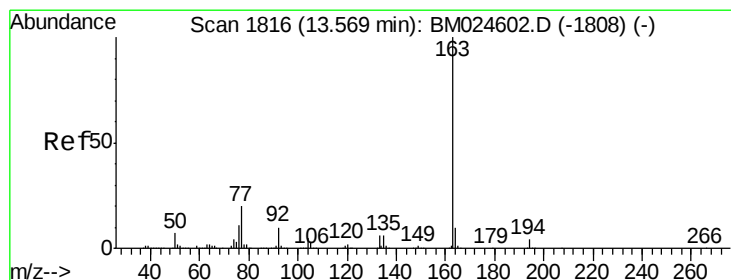
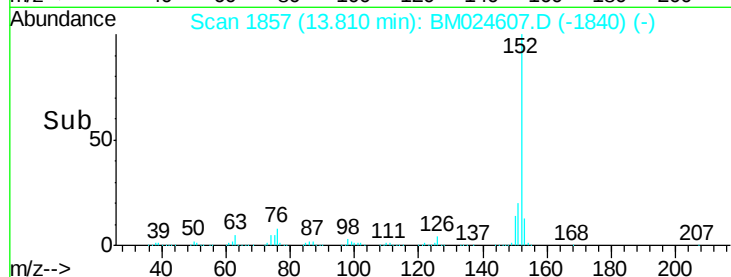
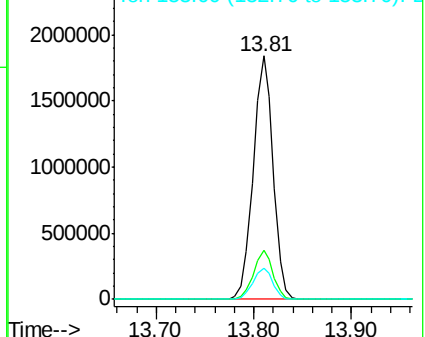
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.0	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.800 ng

RT: 13.57 min Scan# 1816

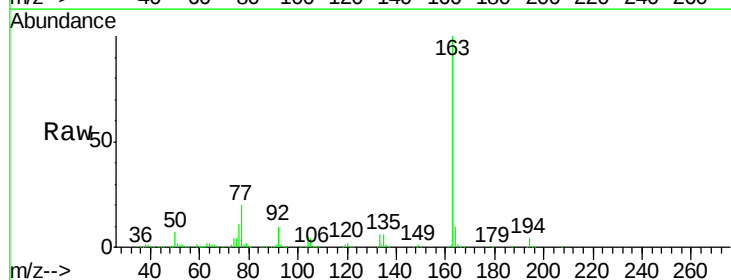
Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion:163 Resp: 2299290

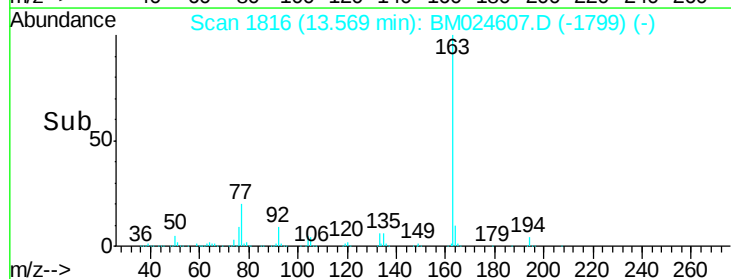
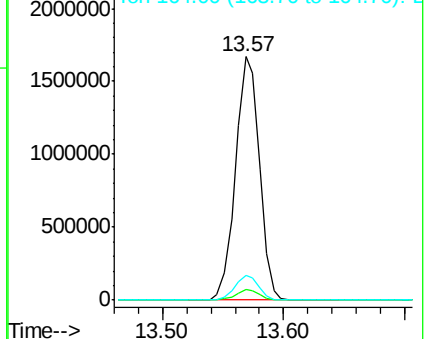
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.3	8.0	12.0

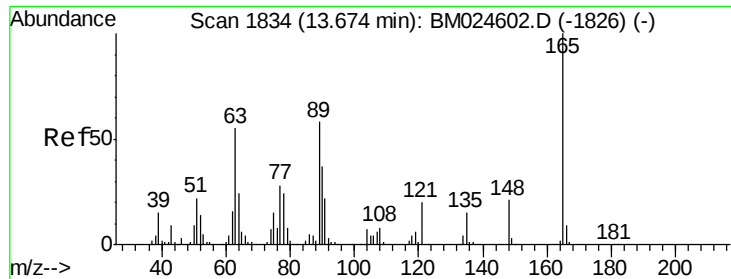


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

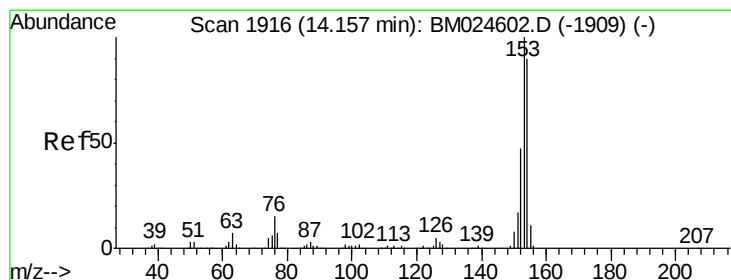
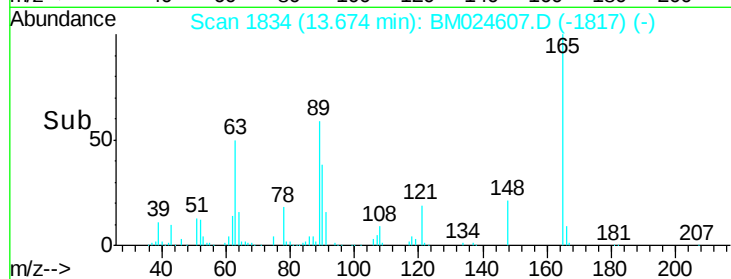
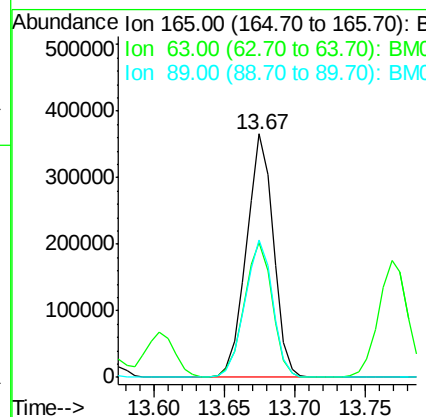
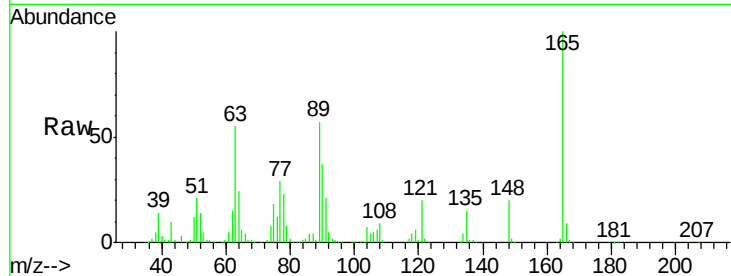




#51
 2,6-Dinitrotoluene
 Concen: 40.901 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

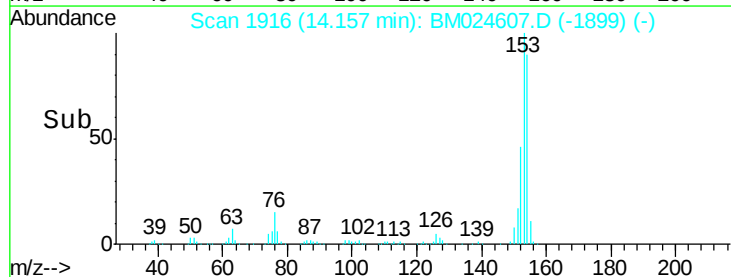
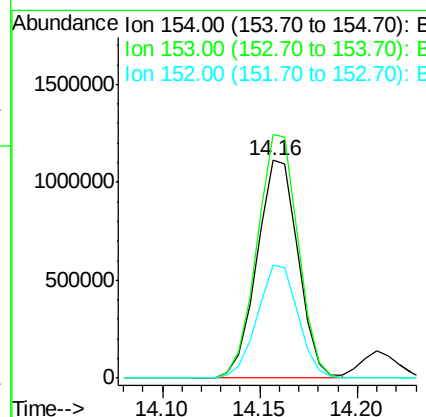
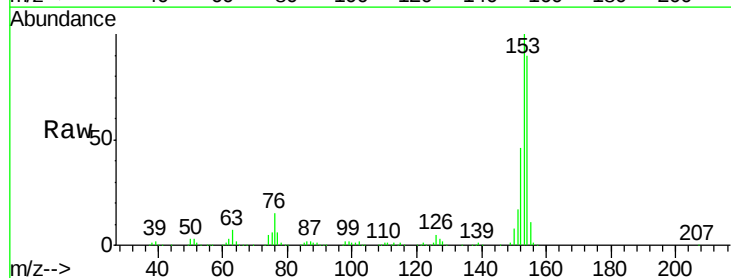
Instrument :
 BNA_M
 ClientSampled :

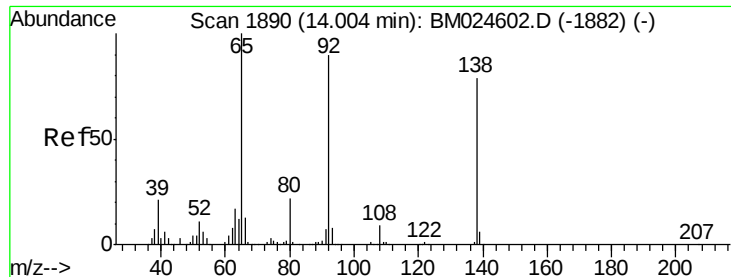
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.4	45.4	68.0
89	56.6	46.6	69.8



#52
 Acenaphthene
 Concen: 41.138 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.1	133.7
152	51.7	41.9	62.9

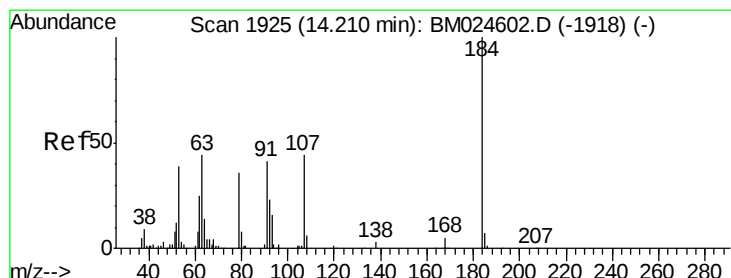
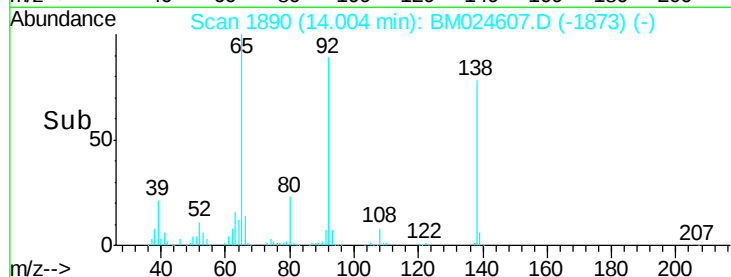
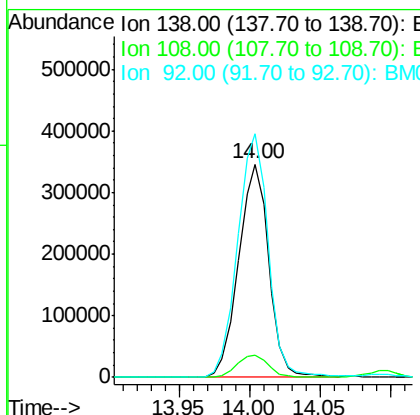
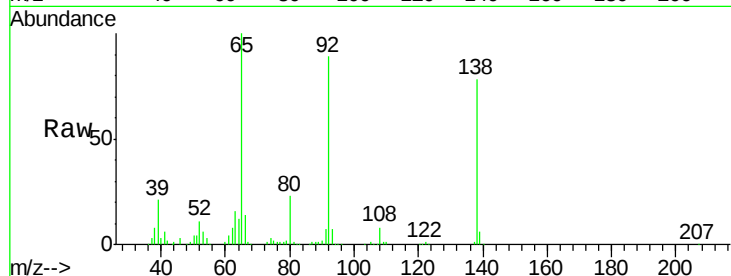




#53
 3-Nitroaniline
 Concen: 41.663 ng
 RT: 14.00 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

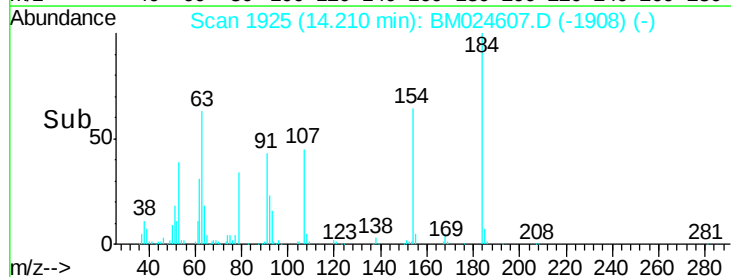
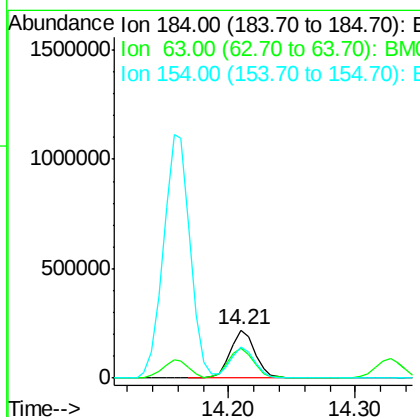
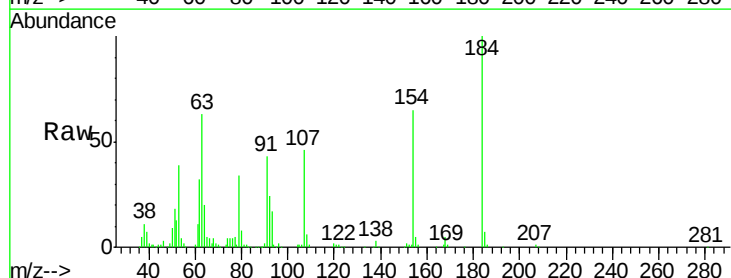
Instrument :
 BNA_M
 ClientSampleId :

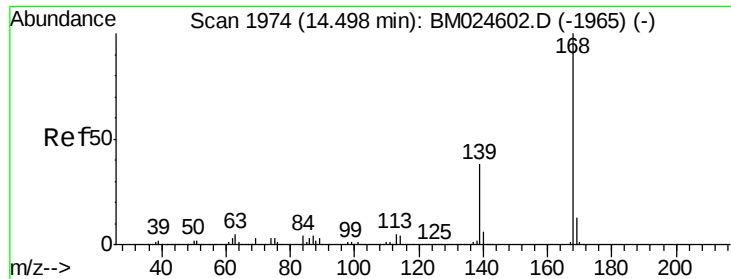
Tot Ion:138 Resp: 517746
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.7 13.1
 92 114.1 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 41.764 ng
 RT: 14.21 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion:184 Resp: 299238
 Ion Ratio Lower Upper
 184 100
 63 63.3 51.8 77.8
 154 64.6 50.2 75.4

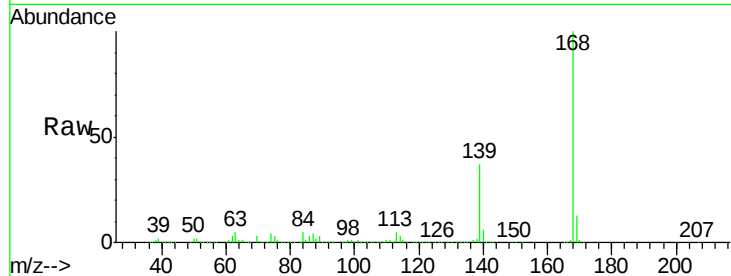




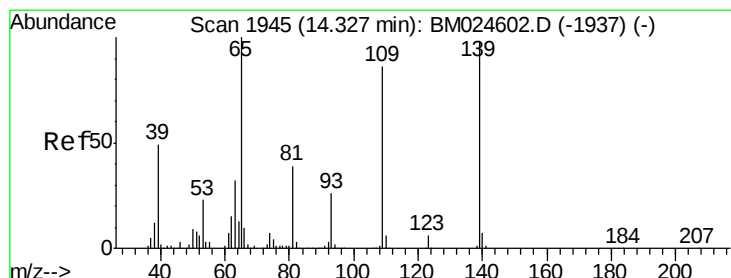
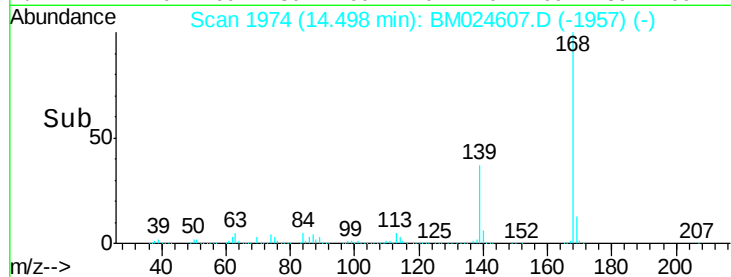
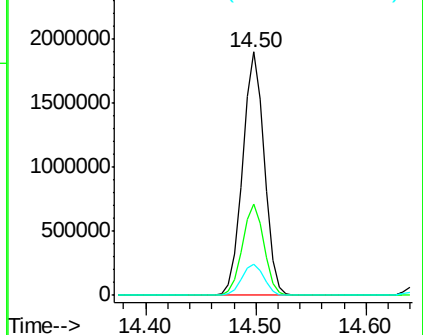
#55
Dibenzofuran
Concen: 40.705 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 2625700
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.4
169 12.9 10.7 16.1

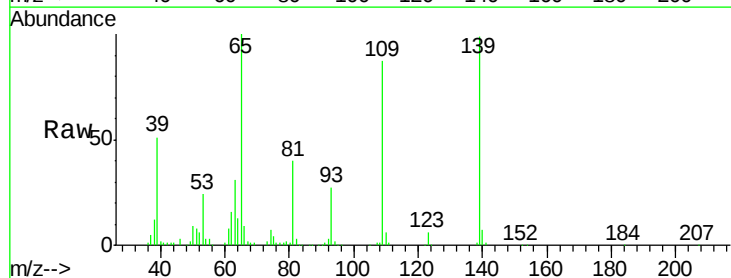


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

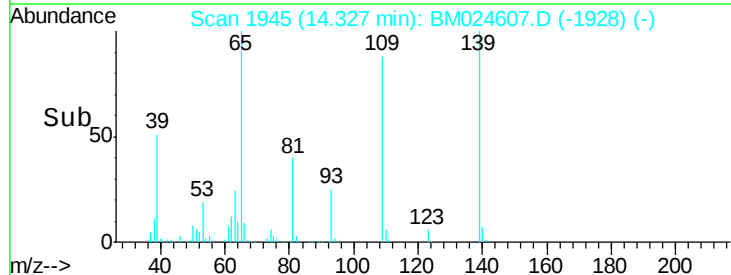
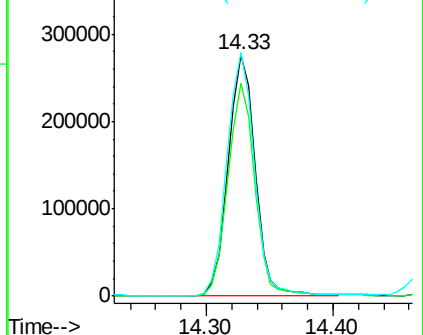


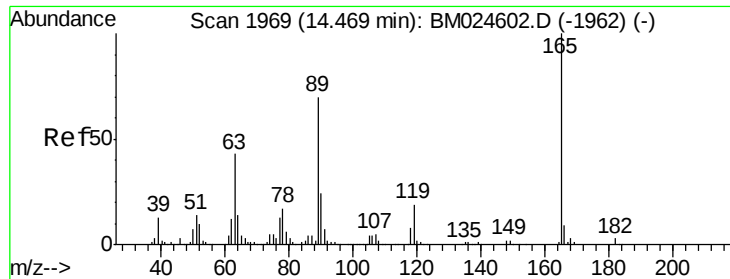
#56
4-Nitrophenol
Concen: 42.098 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:139 Resp: 408942
Ion Ratio Lower Upper
139 100
109 87.9 67.4 107.4
65 100.7 82.1 122.1



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): BM0

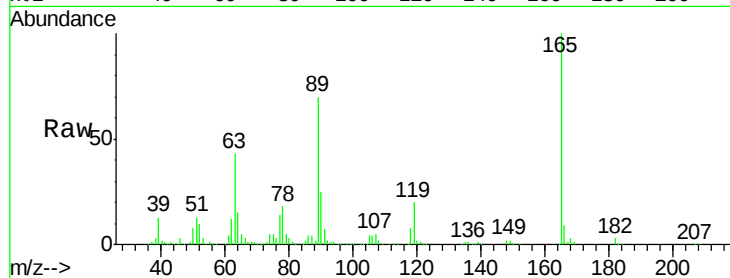




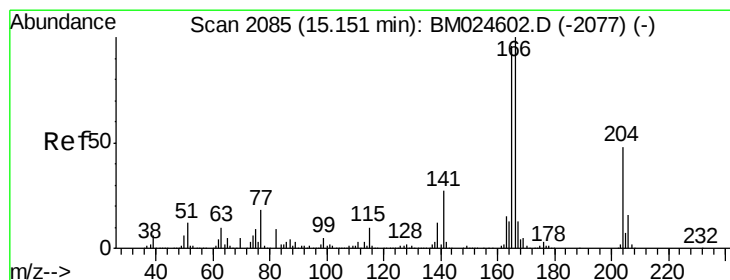
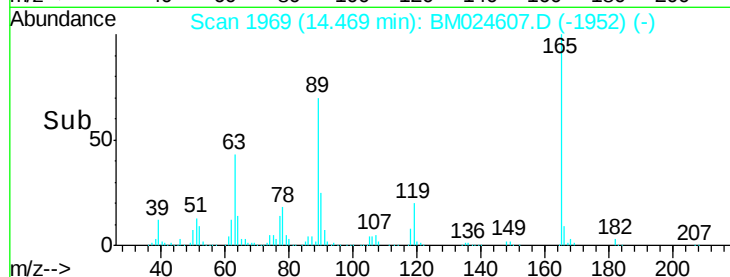
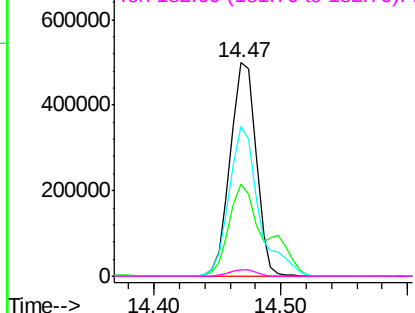
#57
2,4-Dinitrotoluene
Concen: 41.099 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 705742
Ion Ratio Lower Upper
165 100
63 43.4 34.5 51.7
89 70.1 55.8 83.8
182 2.9 2.3 3.5

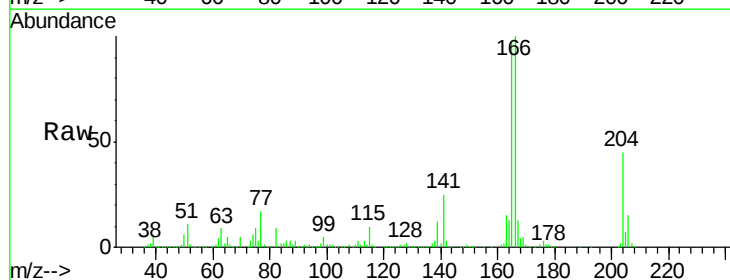


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

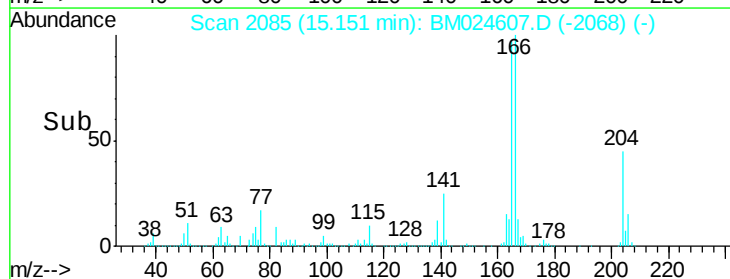
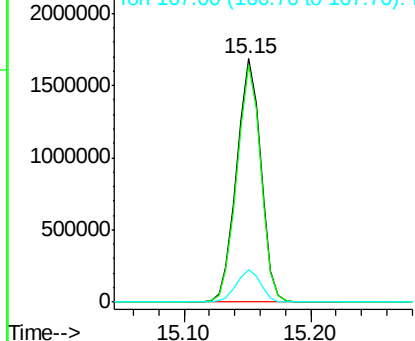


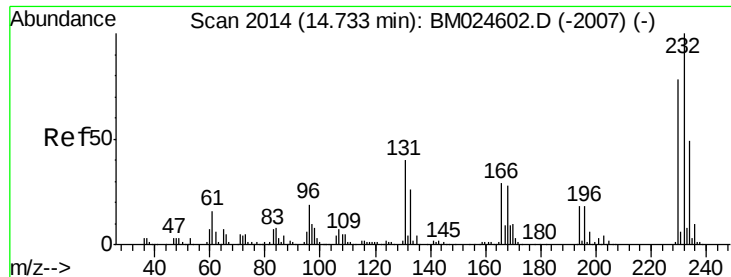
#58
Fluorene
Concen: 40.856 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:166 Resp: 2214787
Ion Ratio Lower Upper
166 100
165 97.4 76.6 114.8
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

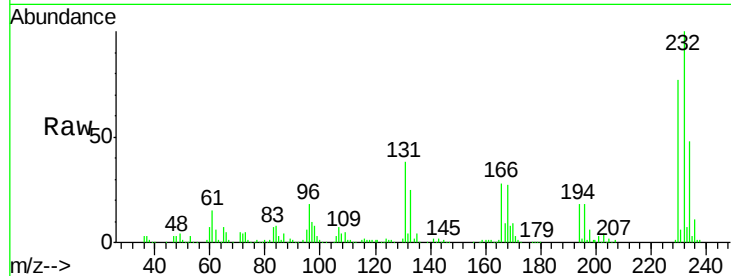




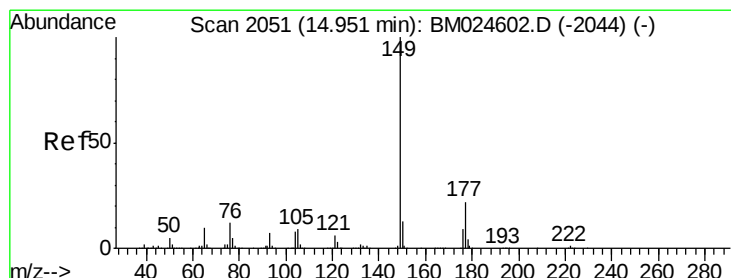
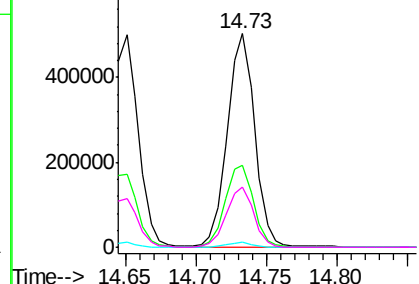
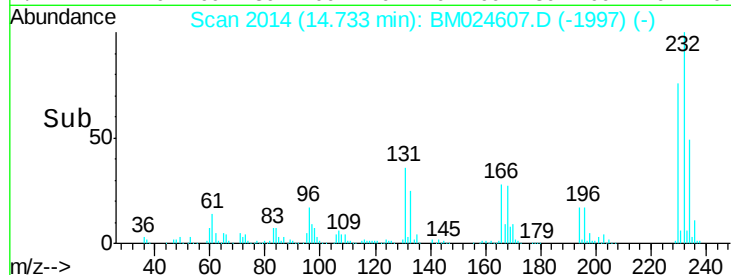
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.161 ng
 RT: 14.73 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 674748
 Ion Ratio Lower Upper
 232 100
 131 39.6 32.2 48.4
 130 2.2 1.9 2.9
 166 28.6 23.4 35.0

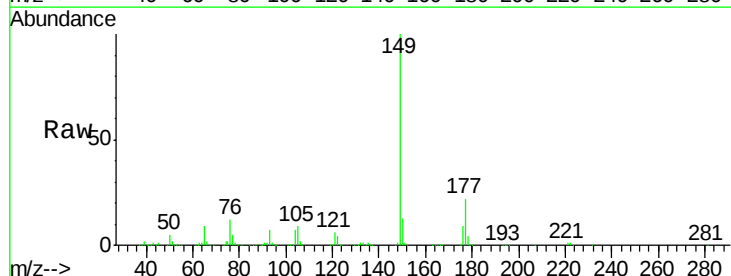


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

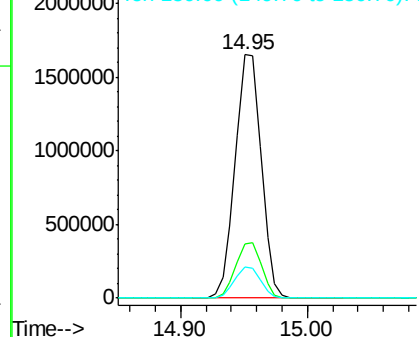
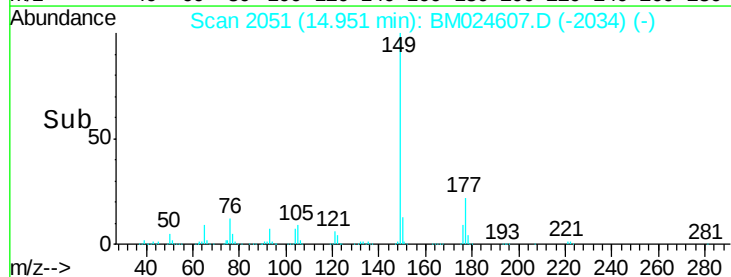


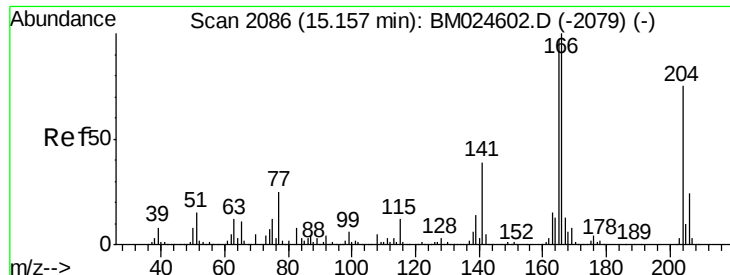
#60
 Diethylphthalate
 Concen: 40.892 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion:149 Resp: 2339554
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.0 27.0
 150 12.7 10.2 15.4



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

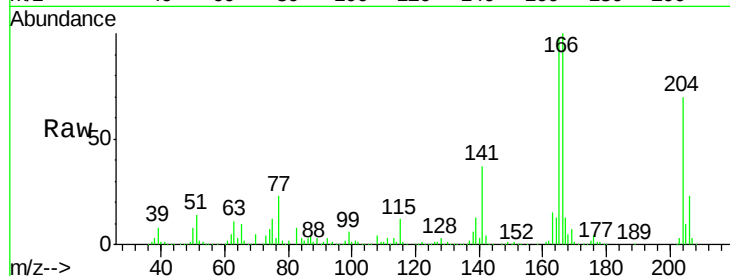




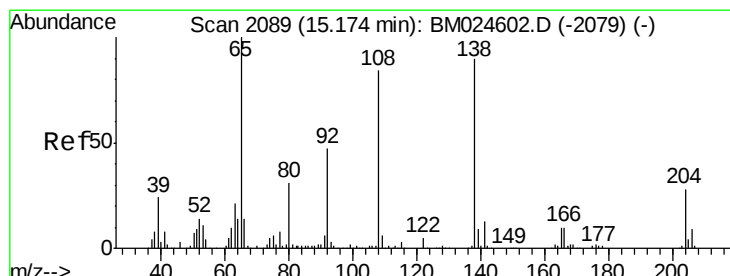
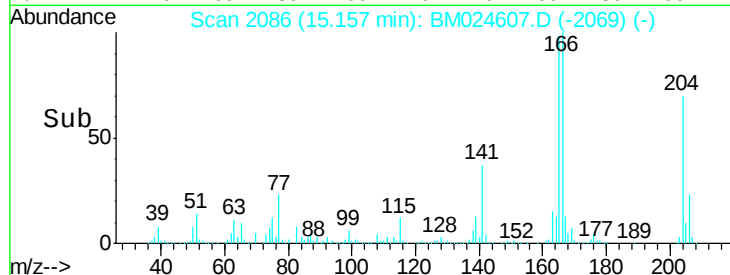
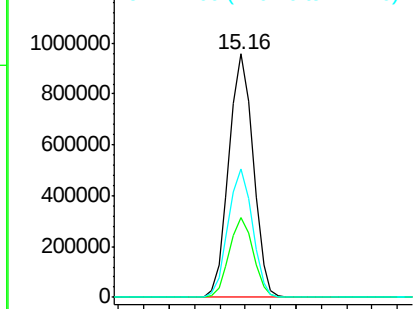
#61
 4-Chlorophenyl-phenylether
 Concen: 40.703 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1272088
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.2
 141 52.7 42.2 63.2

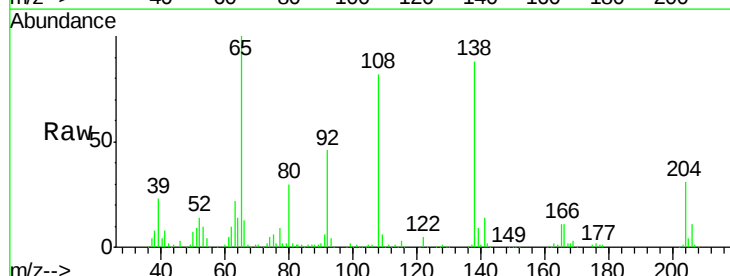


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

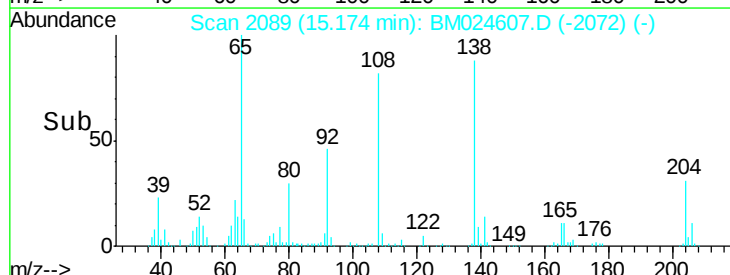
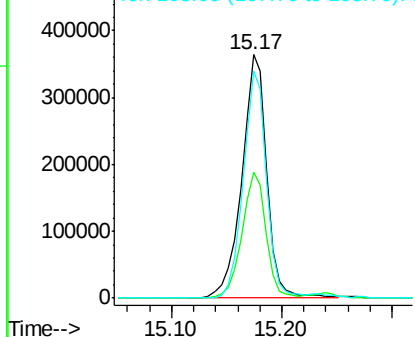


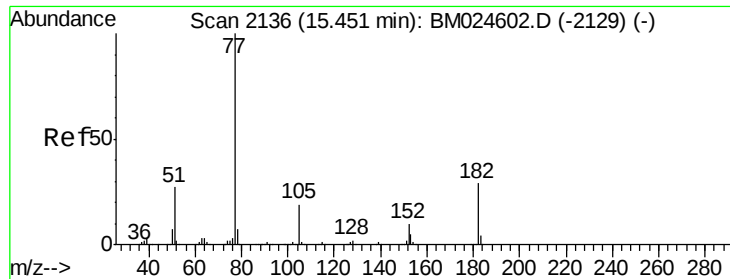
#62
 4-Nitroaniline
 Concen: 42.076 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion:138 Resp: 577160
 Ion Ratio Lower Upper
 138 100
 92 51.7 32.4 72.4
 108 93.4 73.3 113.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

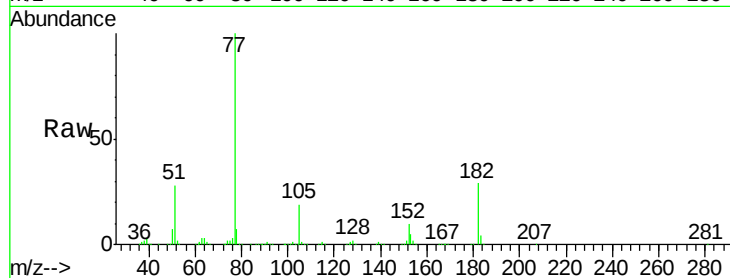




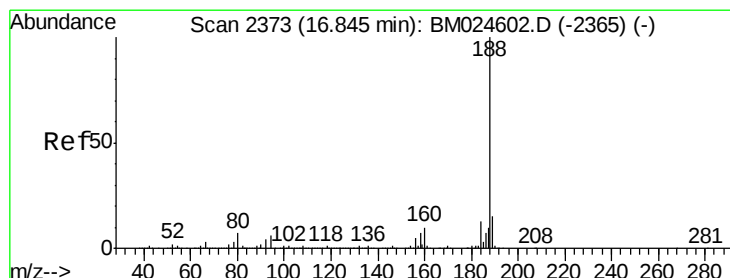
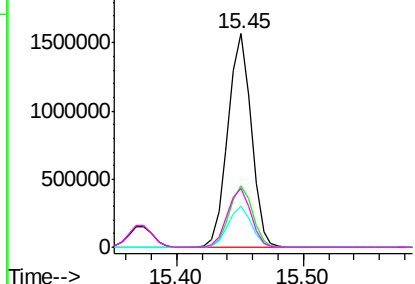
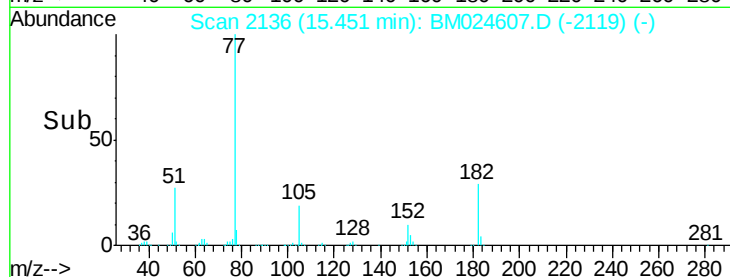
#63
Azobenzene
Concen: 40.828 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 1992530
Ion Ratio Lower Upper
77 100
182 28.8 8.7 48.7
105 19.1 0.0 39.2
51 27.5 7.5 47.5

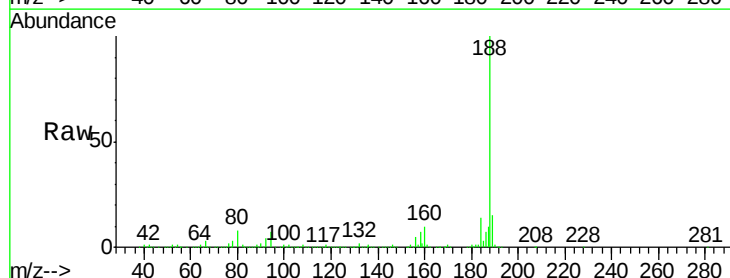


Abundance Ion 77.00 (76.70 to 77.70): BM024607.D (-2129) (-)
Ion 182.00 (181.70 to 182.70): BM024607.D (-2129) (-)
Ion 105.00 (104.70 to 105.70): BM024607.D (-2129) (-)
Ion 51.00 (50.70 to 51.70): BM024607.D (-2129) (-)

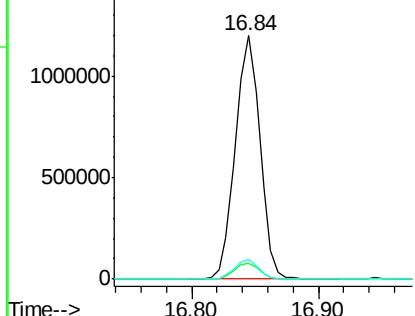
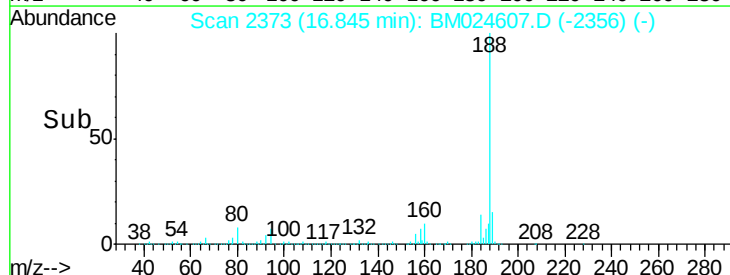


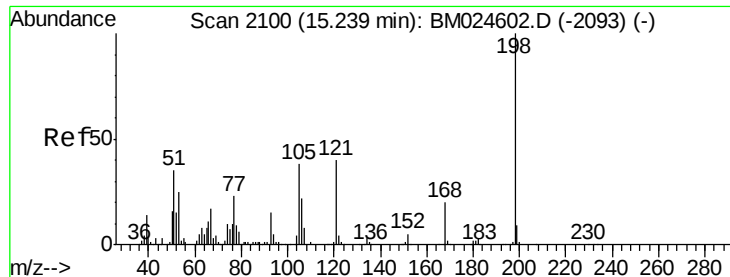
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion: 188 Resp: 1612249
Ion Ratio Lower Upper
188 100
94 6.7 5.0 7.6
80 8.0 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BM024607.D (-2365) (-)
Ion 94.00 (93.70 to 94.70): BM024607.D (-2365) (-)
Ion 80.00 (79.70 to 80.70): BM024607.D (-2365) (-)

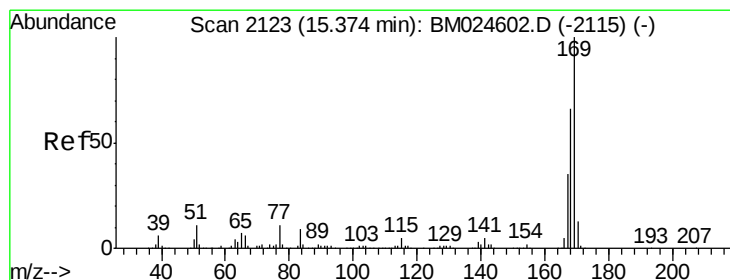
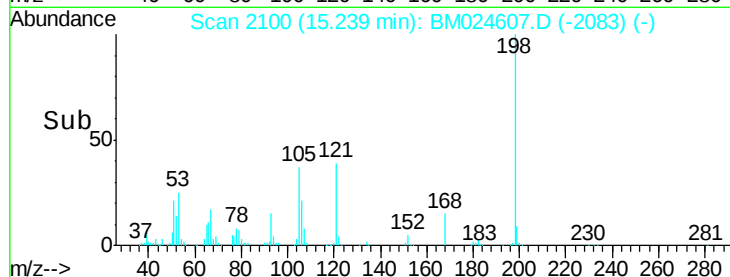
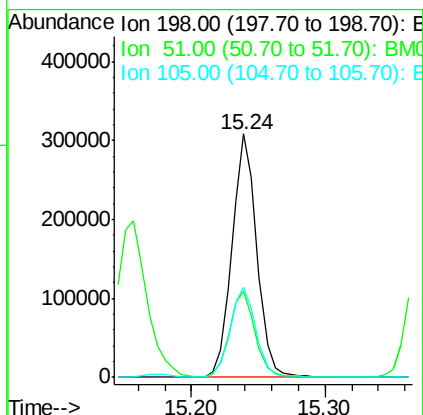
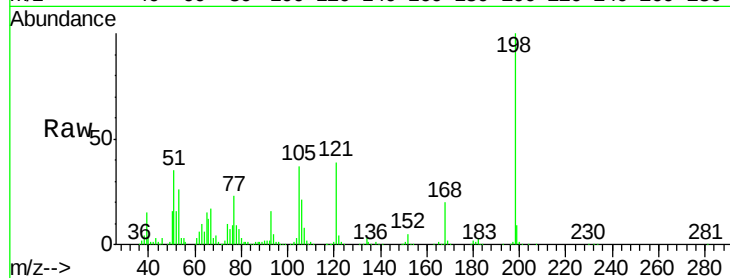




#65
4,6-Dinitro-2-methylphenol
Concen: 42.289 ng
RT: 15.24 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

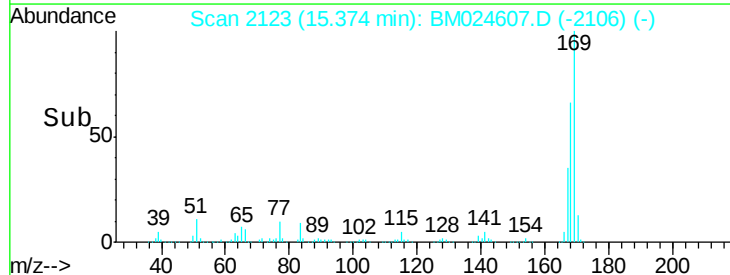
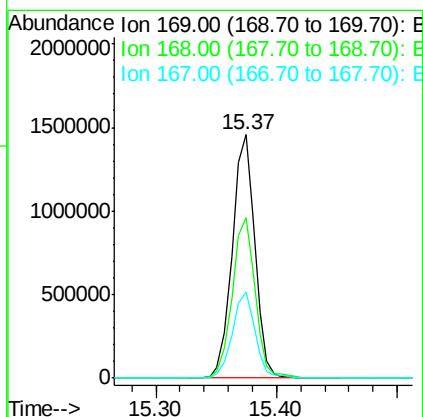
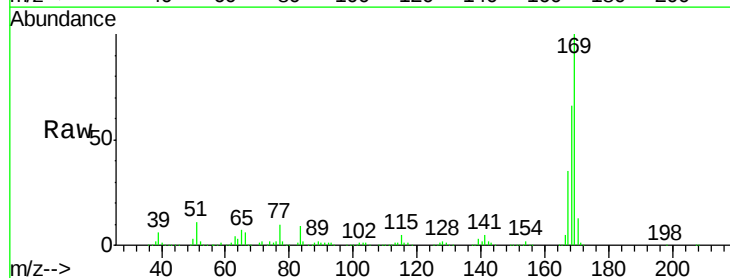
Instrument :
BNA_M
ClientSampleId :

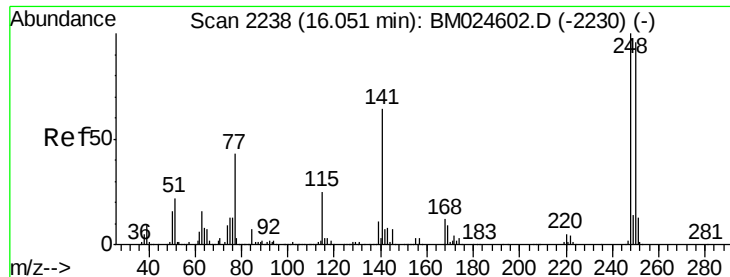
Tot Ion:198 Resp: 400882
Ion Ratio Lower Upper
198 100
51 35.3 15.8 55.8
105 36.8 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 41.057 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:169 Resp: 1901419
Ion Ratio Lower Upper
169 100
168 65.9 52.8 79.2
167 35.2 28.2 42.2

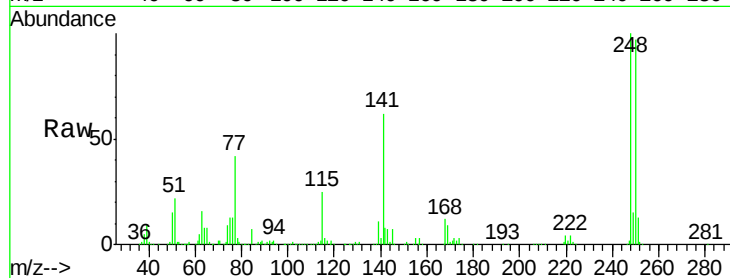




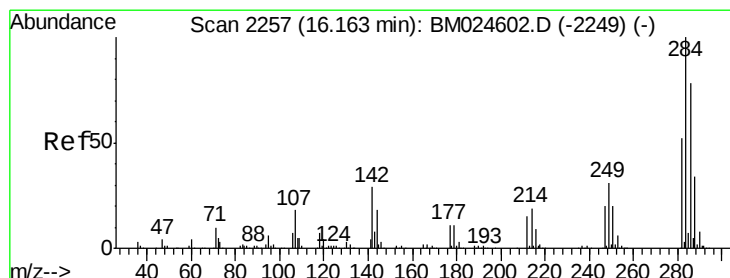
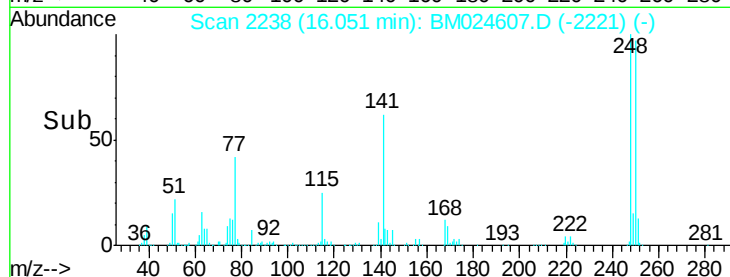
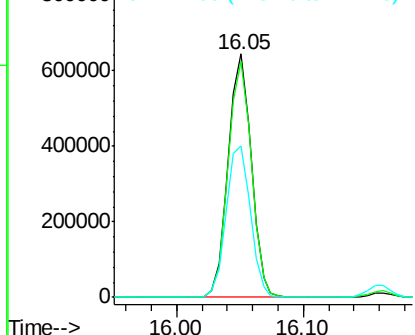
#67
 4-Bromophenyl-phenylether
 Concen: 40.485 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 811703
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.0 115.6
 141 62.1 50.9 76.3

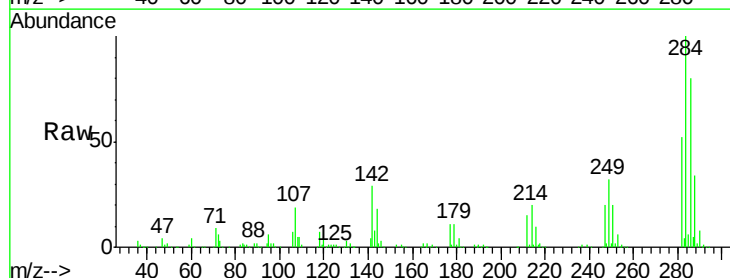


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

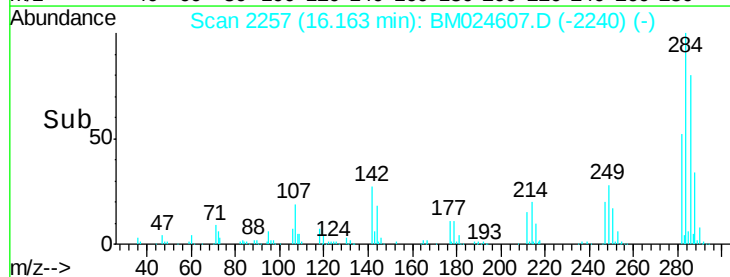
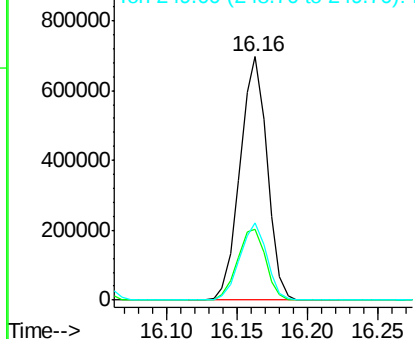


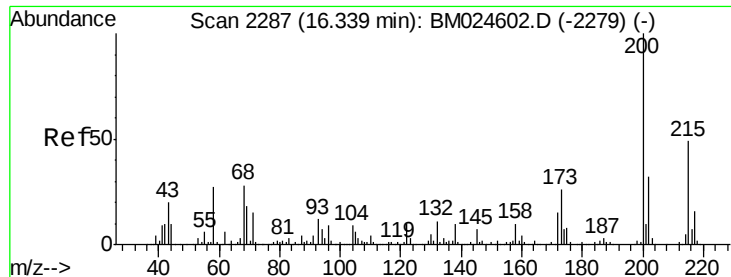
#68
 Hexachlorobenzene
 Concen: 40.585 ng
 RT: 16.16 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion:284 Resp: 933776
 Ion Ratio Lower Upper
 284 100
 142 29.2 23.5 35.3
 249 31.5 24.6 36.8



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





#69

Atrazine

Concen: 41.923 ng

RT: 16.34 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

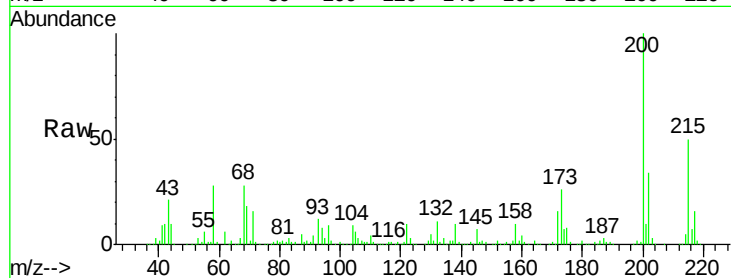
Tot Ion:200 Resp: 745262

Ion Ratio Lower Upper

200 100

173 25.8 5.5 45.5

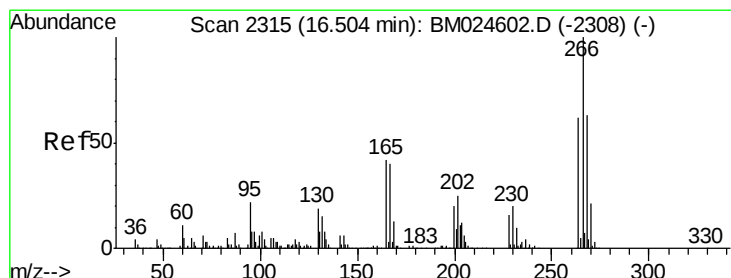
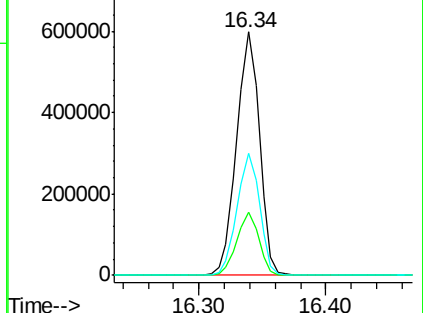
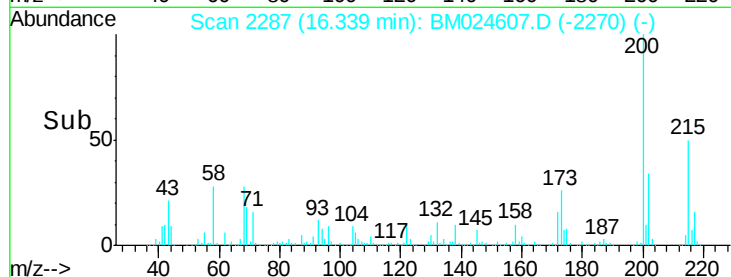
215 50.1 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.197 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

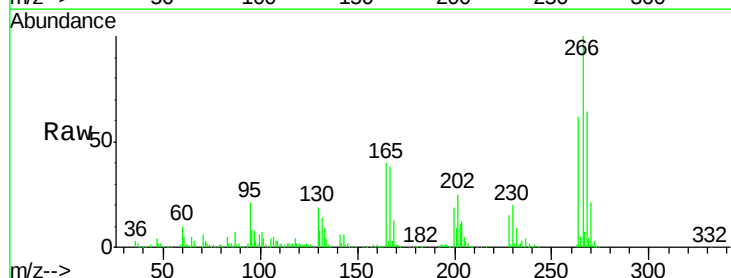
Tgt Ion:266 Resp: 577363

Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

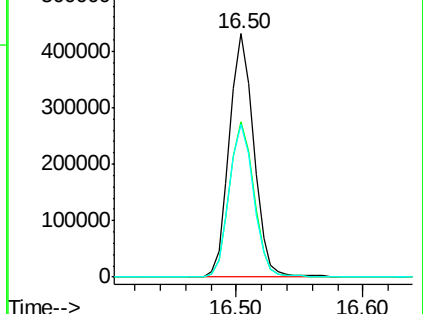
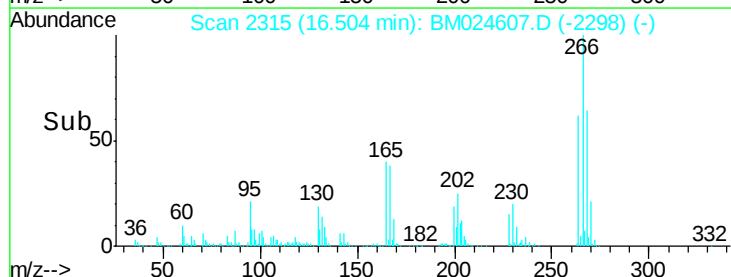
264 62.5 49.9 74.9

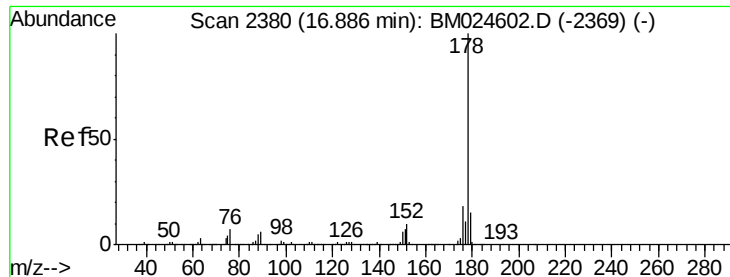


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

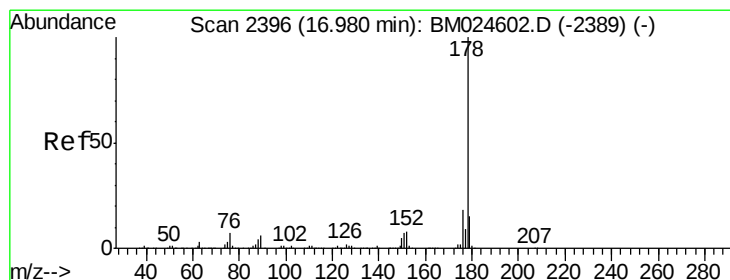
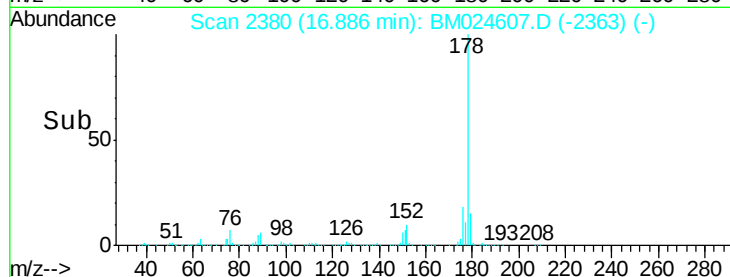
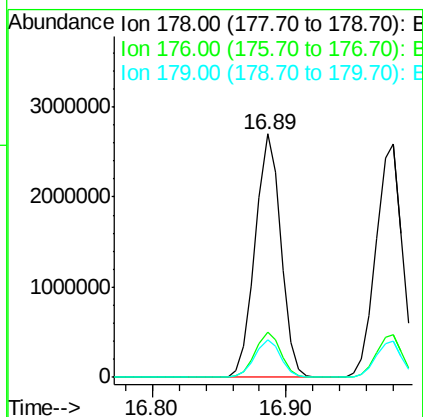
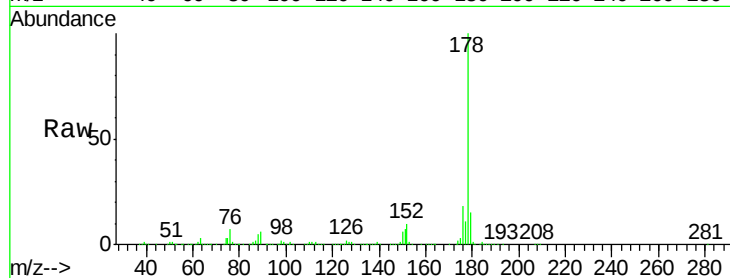




#71
Phenanthrene
Concen: 40.904 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

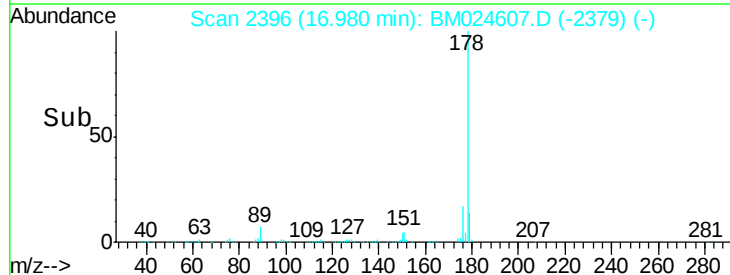
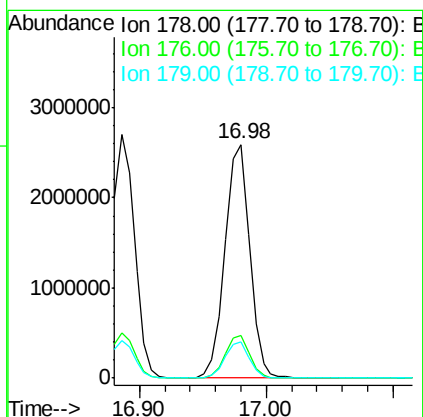
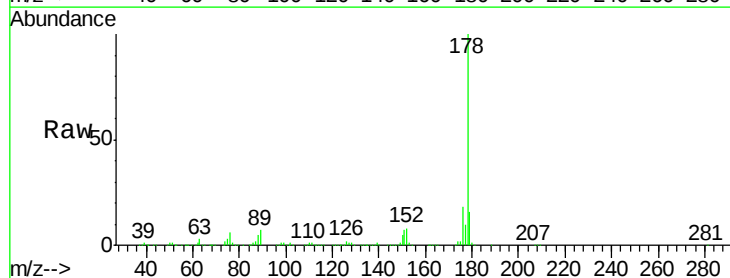
Instrument :
BNA_M
ClientSampleId :

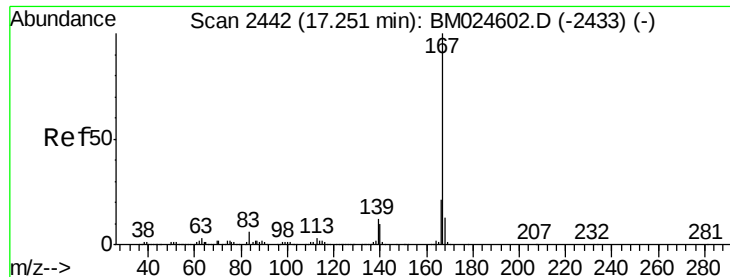
Tot Ion:178 Resp: 3571121
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 40.839 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:178 Resp: 3488704
Ion Ratio Lower Upper
178 100
176 18.3 14.3 21.5
179 15.5 12.1 18.1

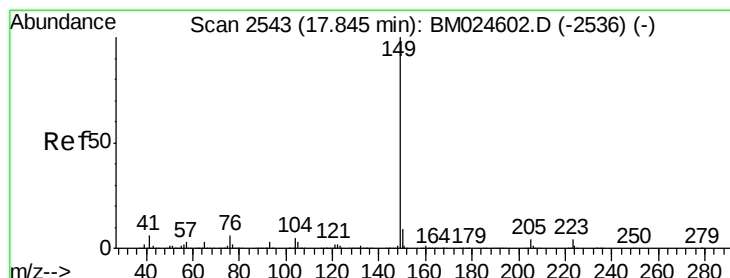
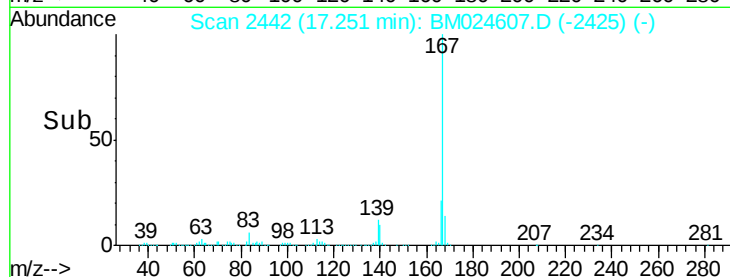
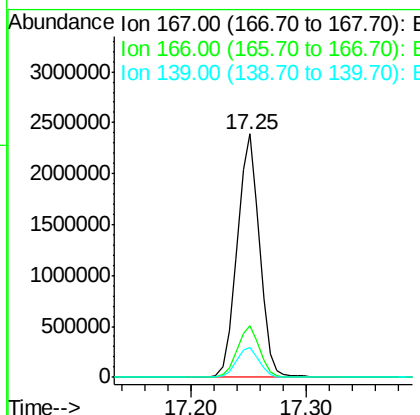
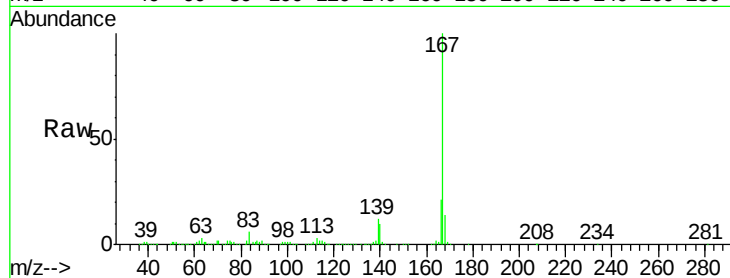




#73
 Carbazole
 Concen: 41.187 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

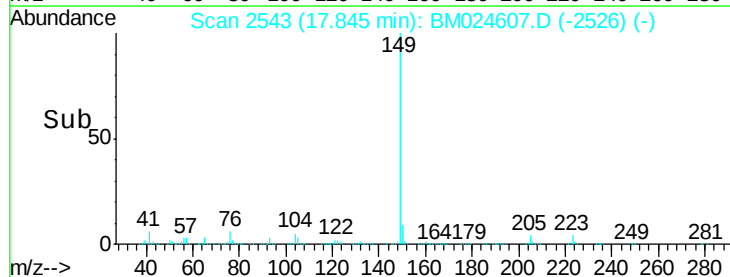
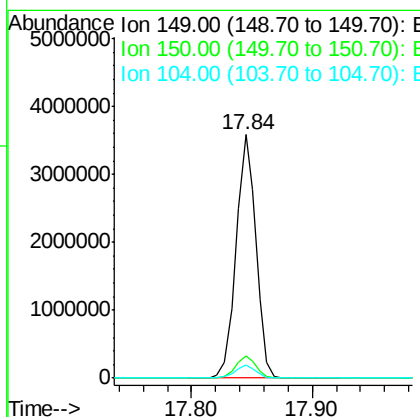
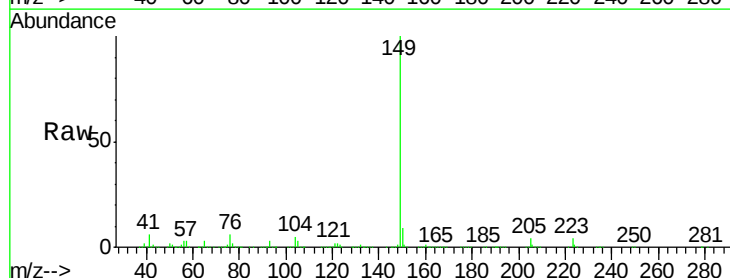
Instrument :
 BNA_M
 ClientSampleId :

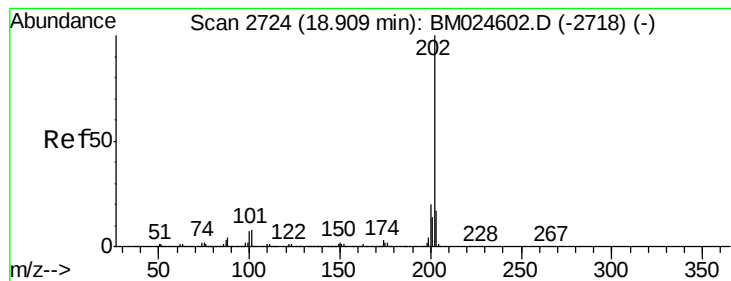
Tot Ion:167 Resp: 3203003
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.4 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 41.252 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024607.D
 Acq: 23 Jan 2020 14:45

Tgt Ion:149 Resp: 4101248
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 40.967 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

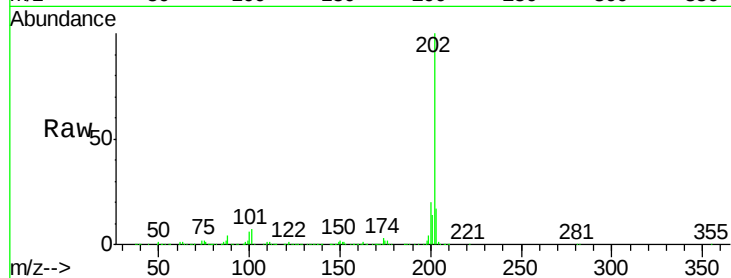
Tot Ion:202 Resp: 4464043

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.4

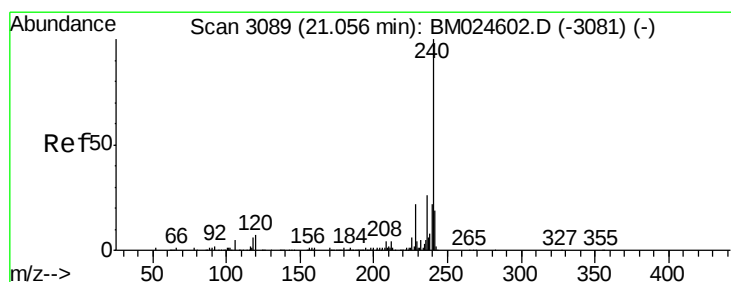
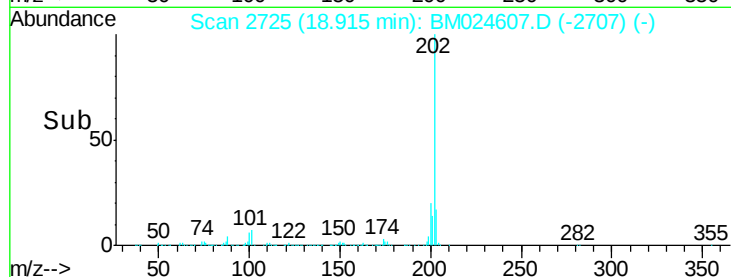
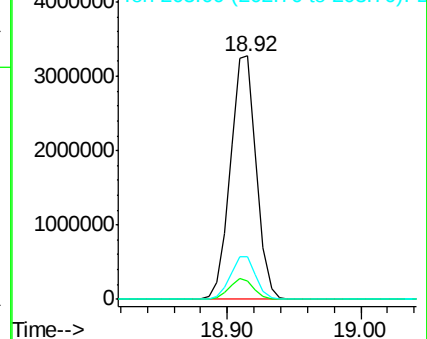
203 17.3 0.0 37.5



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: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

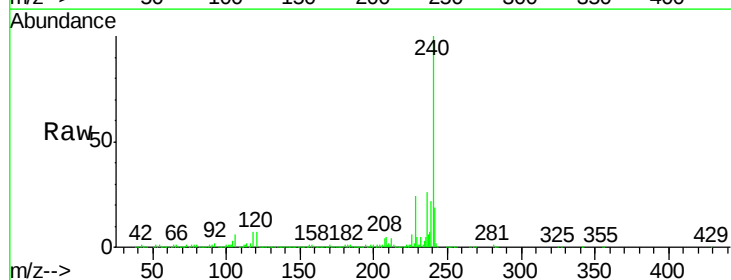
Tgt Ion:240 Resp: 1686987

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

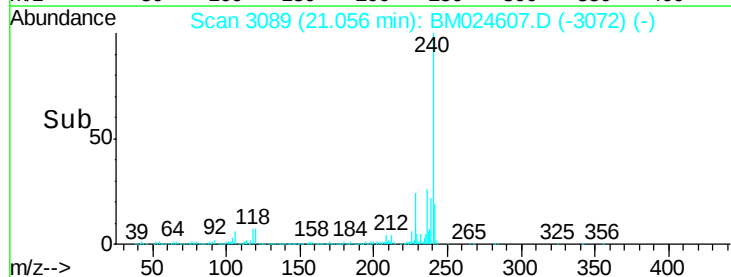
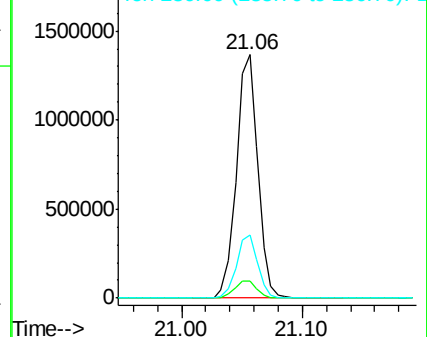
236 25.9 20.6 31.0

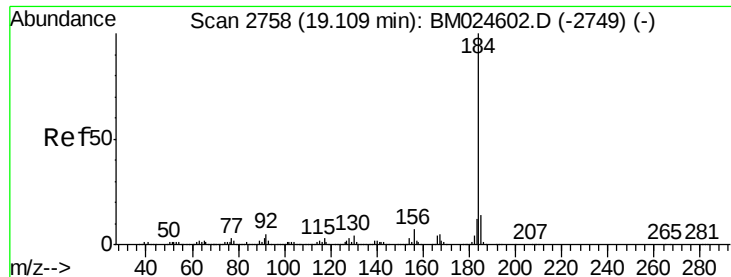


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.366 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

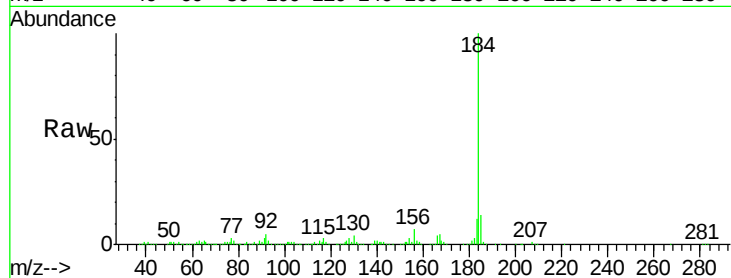
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1821595

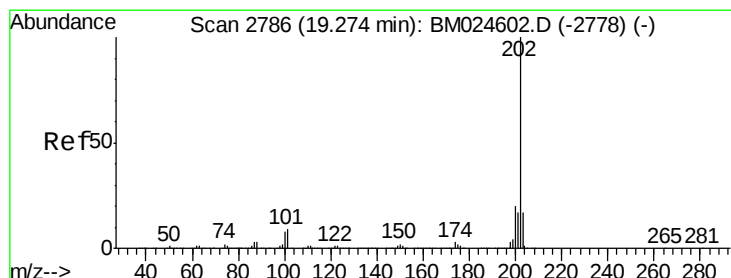
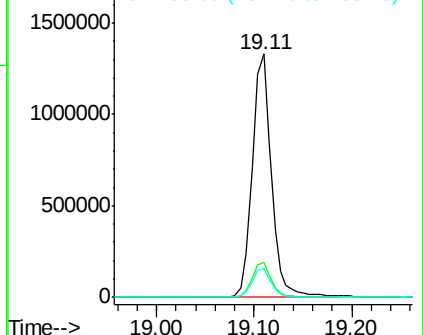
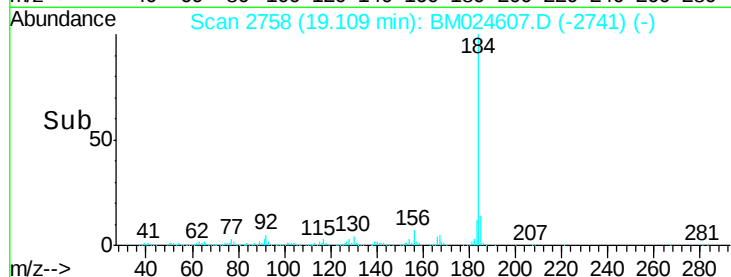
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.8	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.290 ng

RT: 19.27 min Scan# 2786

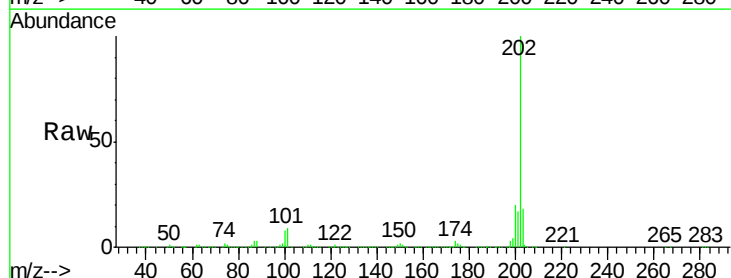
Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion:202 Resp: 4591918

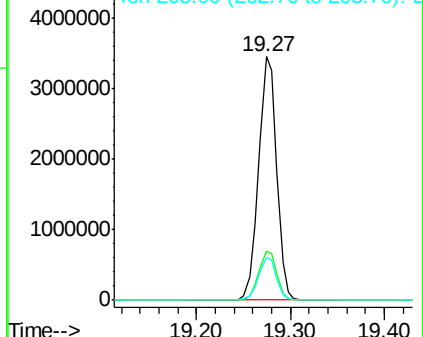
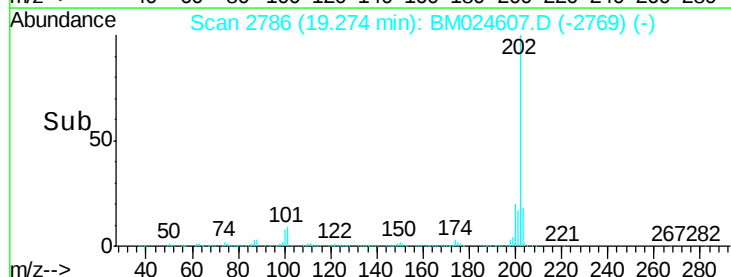
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.5	14.0	21.0

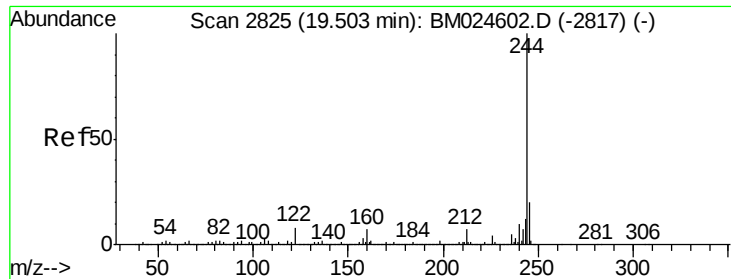


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.691 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampleId :

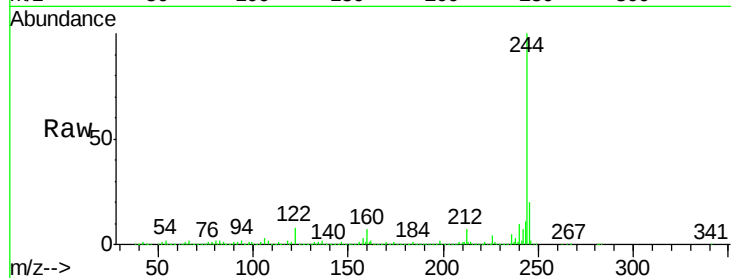
Tot Ion:244 Resp: 7833631

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

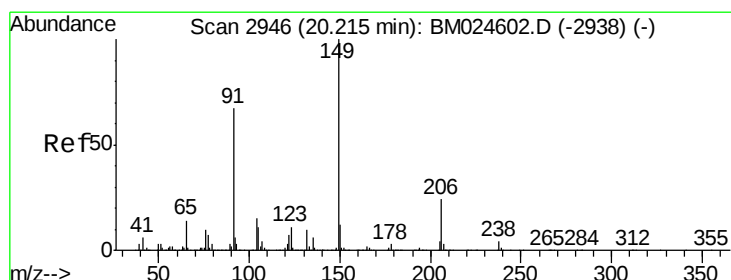
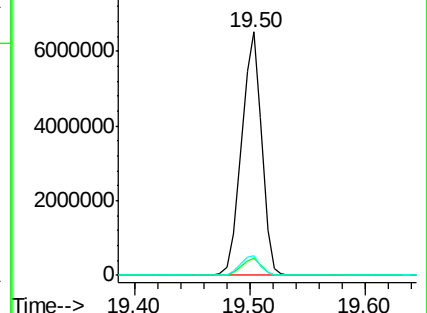
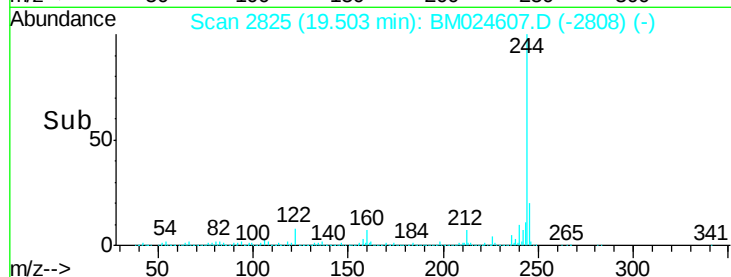
122 8.0 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.474 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

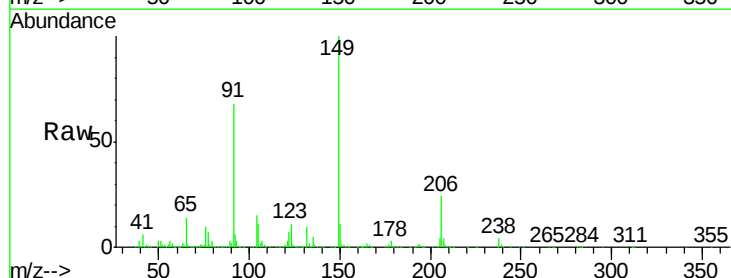
Tgt Ion:149 Resp: 1935422

Ion Ratio Lower Upper

149 100

91 68.0 53.9 80.9

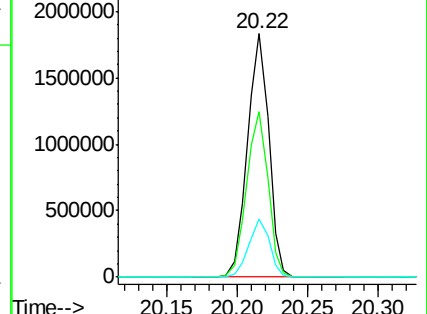
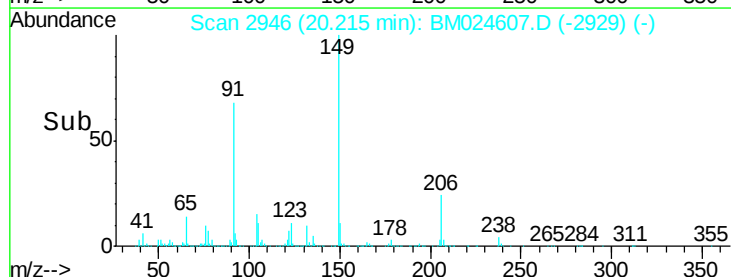
206 23.8 19.0 28.6

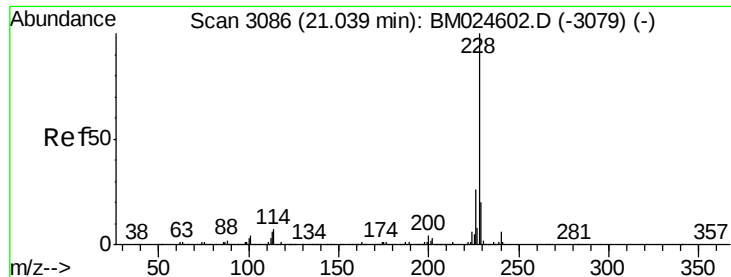


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.820 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

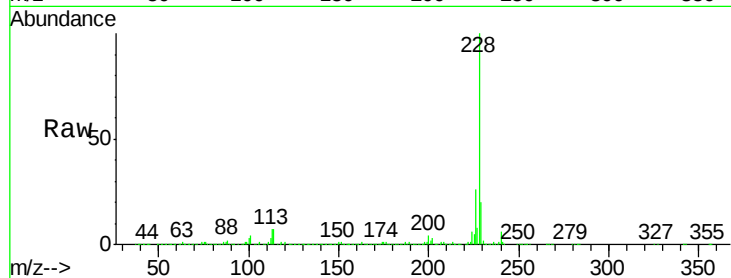
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4779530

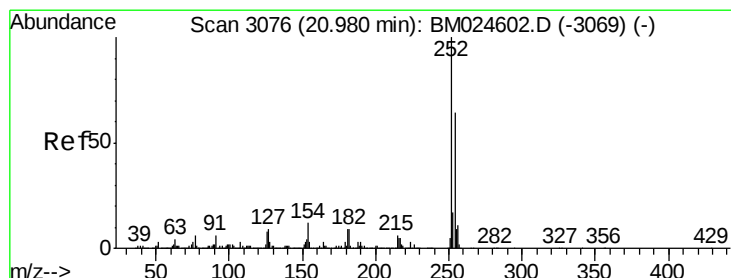
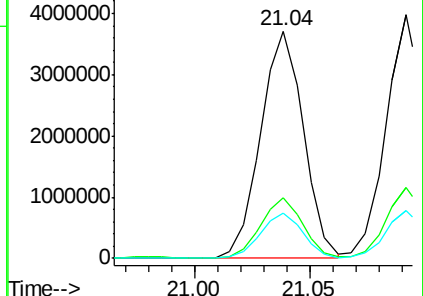
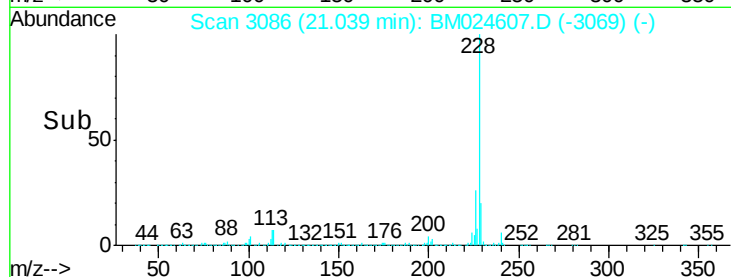
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	19.8	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.130 ng

RT: 20.98 min Scan# 3076

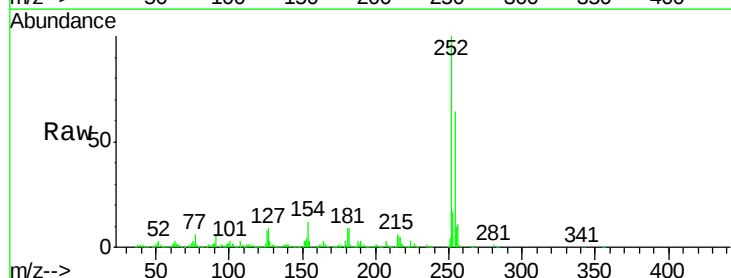
Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion:252 Resp: 1774471

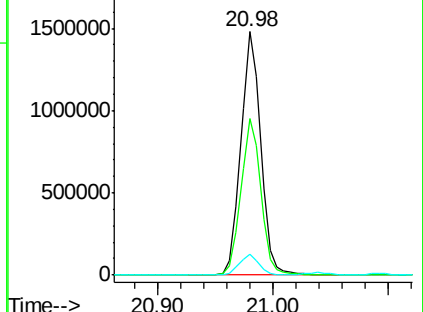
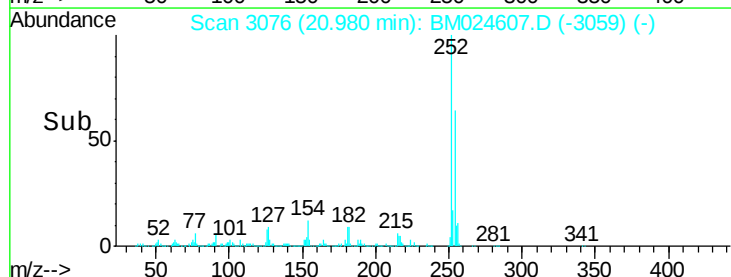
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	8.4	6.7	10.1

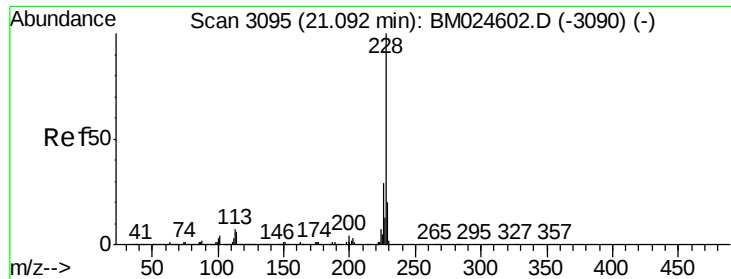


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.106 ng

RT: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

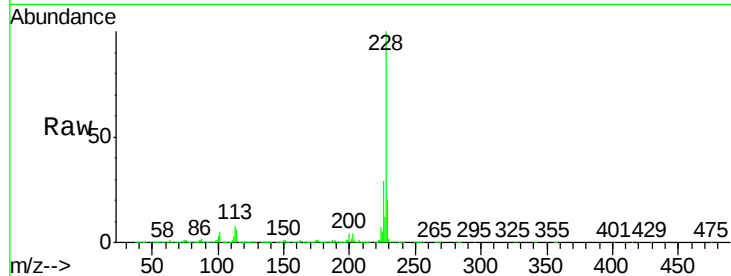
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4592602

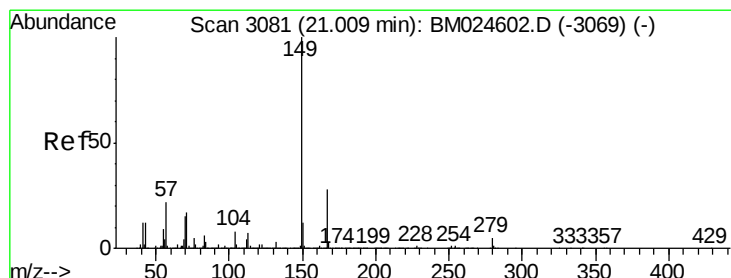
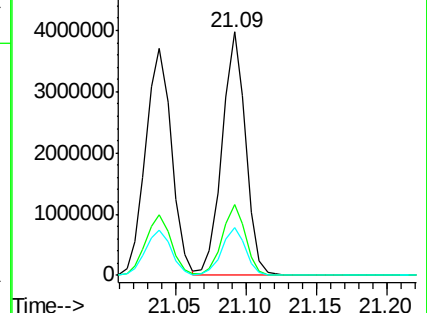
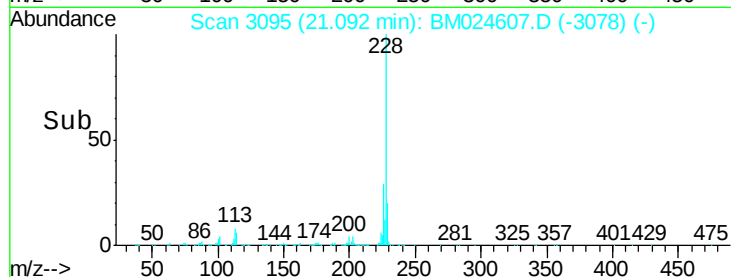
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	19.6	15.7	23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.081 ng

RT: 21.01 min Scan# 3081

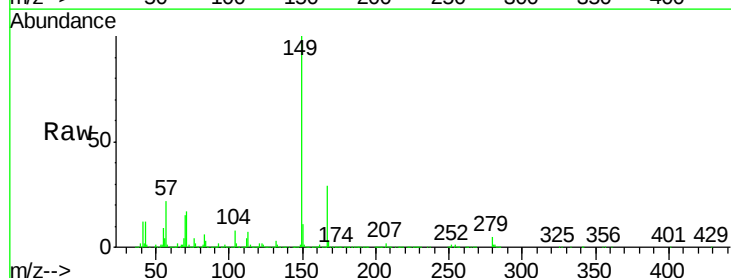
Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion:149 Resp: 2828696

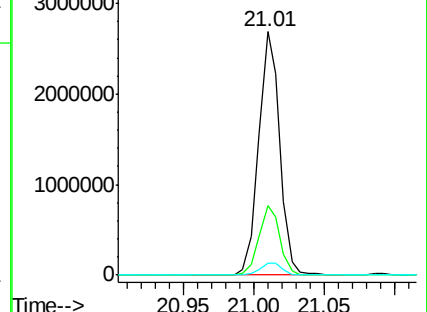
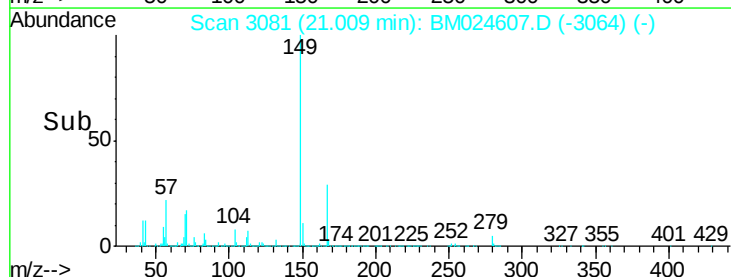
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.1	4.0	6.0

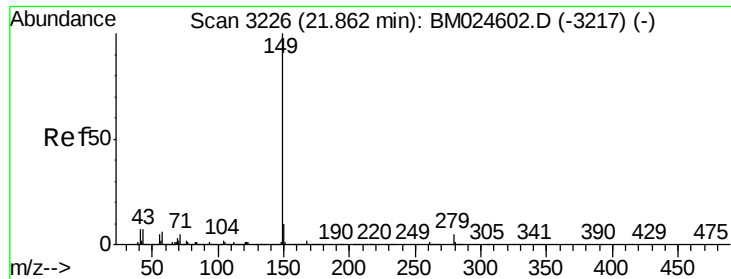


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

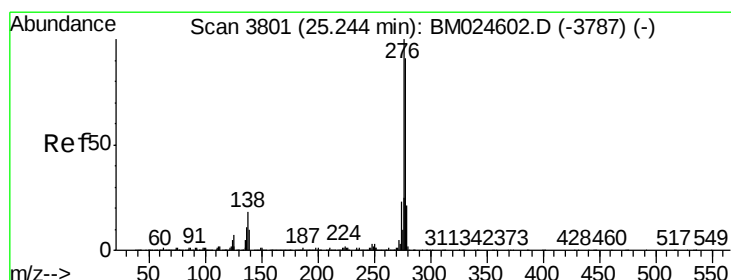
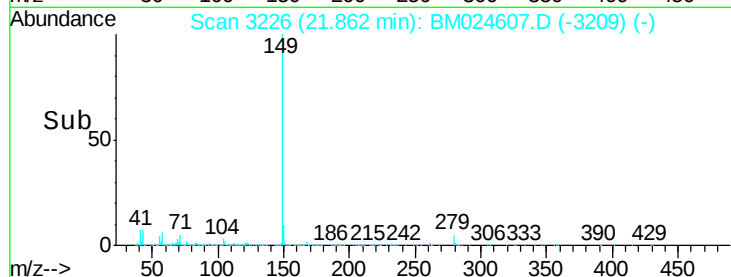
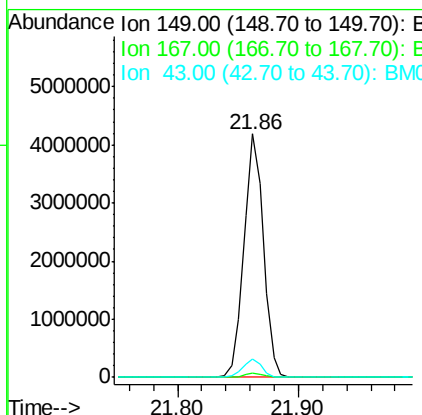
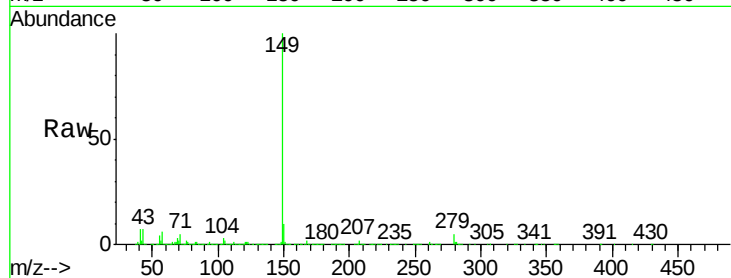




#85
Di-n-octyl phthalate
Concen: 41.685 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

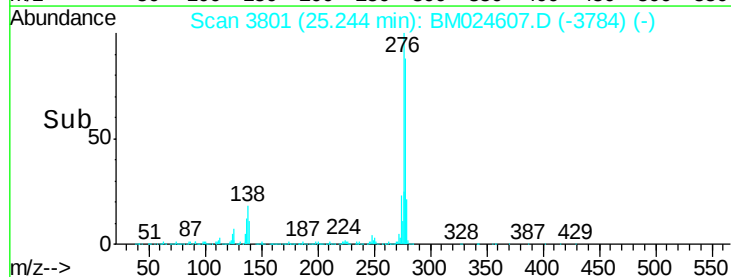
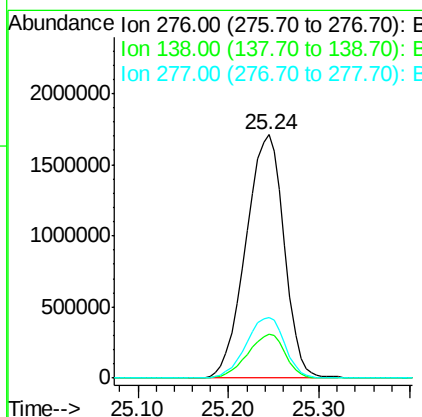
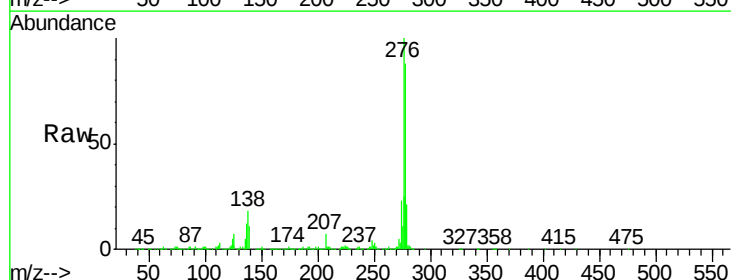
Instrument :
BNA_M
ClientSampled :

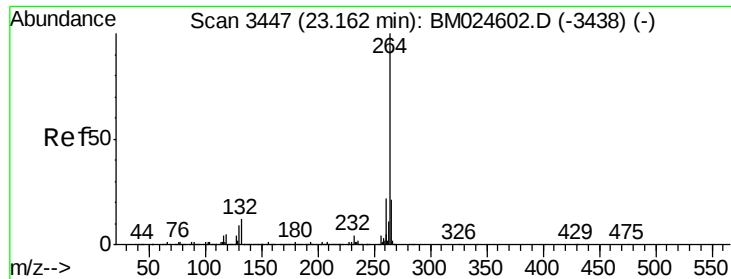
Tot Ion:149 Resp: 4742024
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.211 ng
RT: 25.24 min Scan# 3801
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:276 Resp: 5018382
Ion Ratio Lower Upper
276 100
138 17.7 13.4 20.0
277 25.4 19.6 29.4



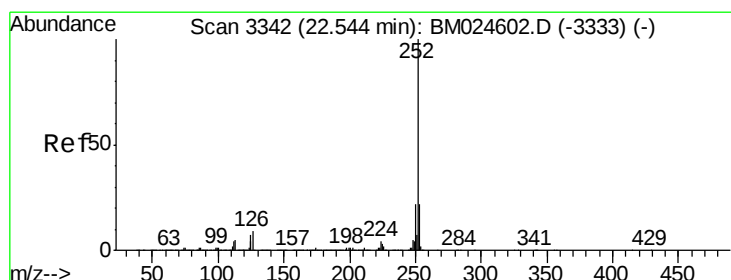
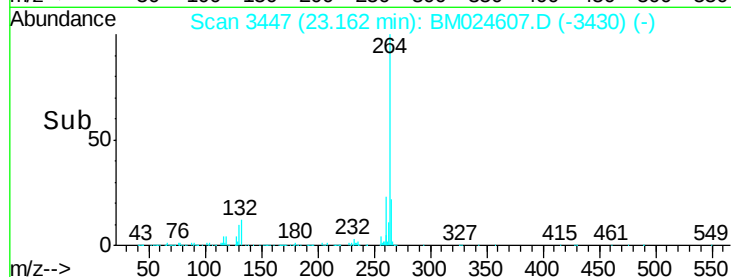
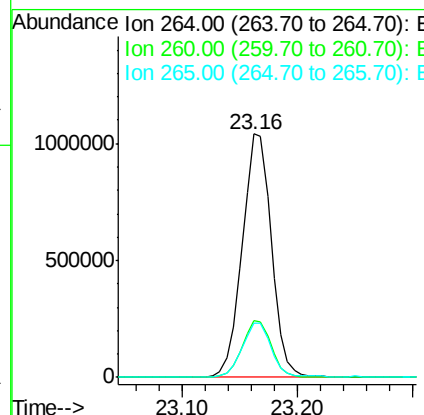
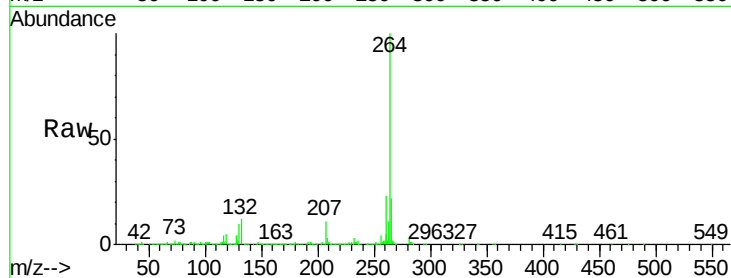


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1826728

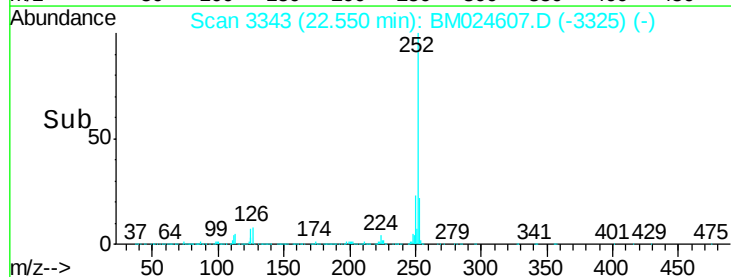
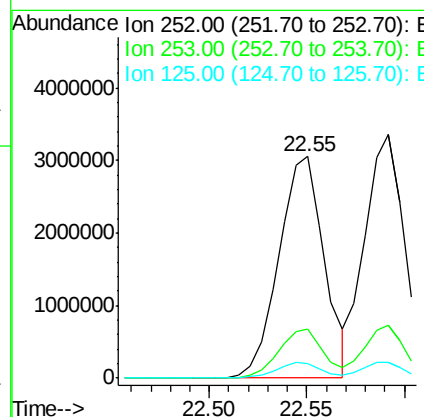
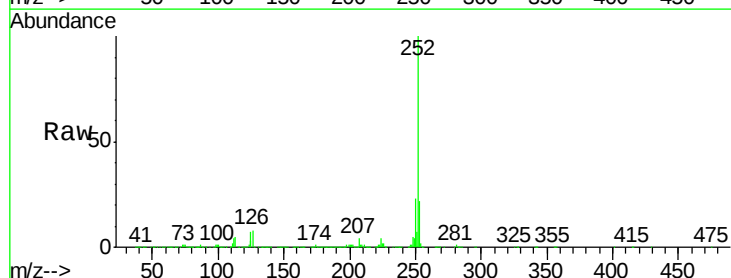
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.1	17.3	25.9

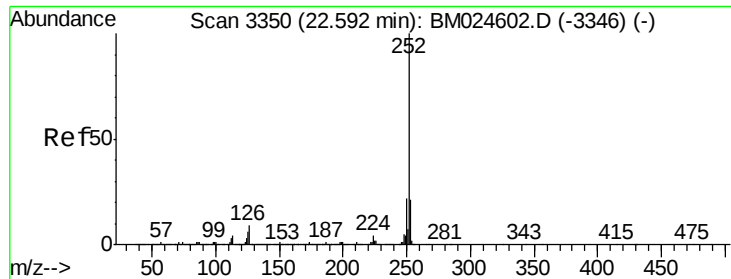


#88
Benzo(b)fluoranthene
Concen: 41.478 ng
RT: 22.55 min Scan# 3343
Delta R.T. 0.01 min
Lab File: BM024607.D
Acq: 23 Jan 2020 14:45

Tgt Ion:252 Resp: 4914189

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.6	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 41.027 ng

RT: 22.59 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Instrument :

BNA_M

ClientSampled :

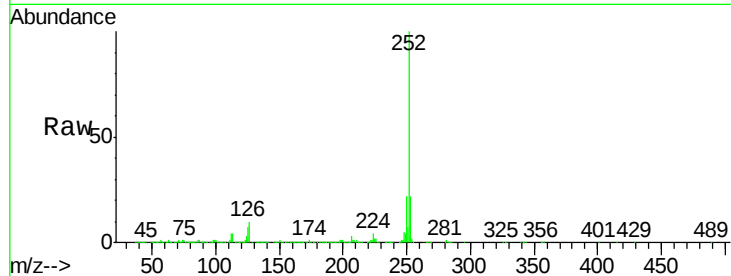
Tot Ion:252 Resp: 4744526

Ion Ratio Lower Upper

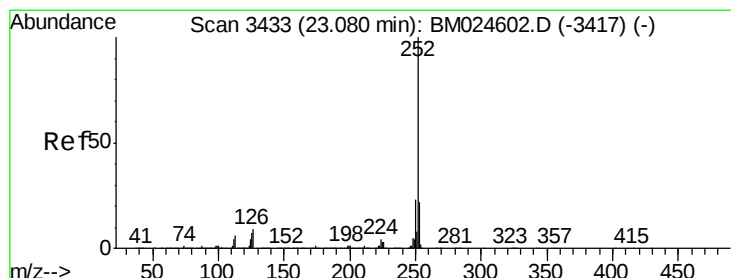
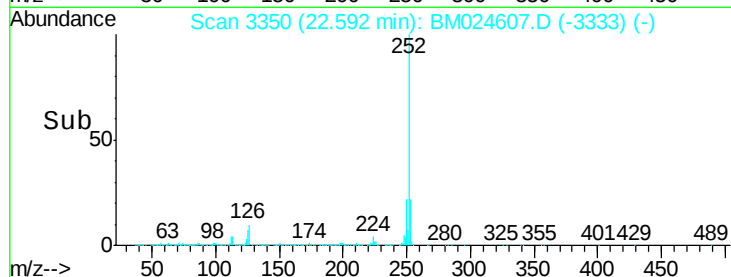
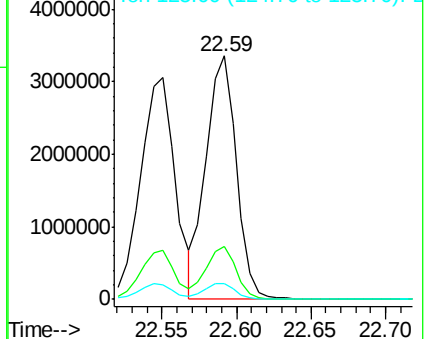
252 100

253 21.9 17.3 25.9

125 6.7 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.159 ng

RT: 23.08 min Scan# 3433

Delta R.T. 0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

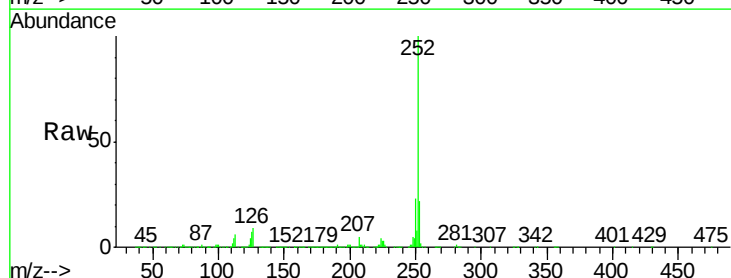
Tgt Ion:252 Resp: 4433497

Ion Ratio Lower Upper

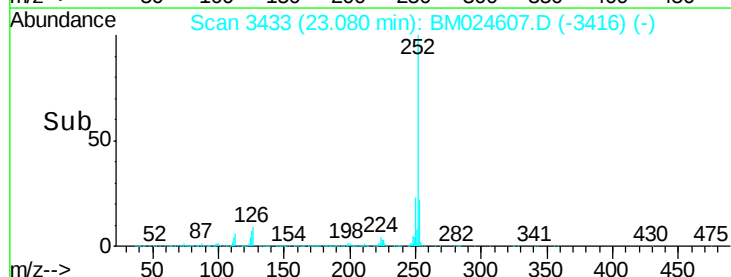
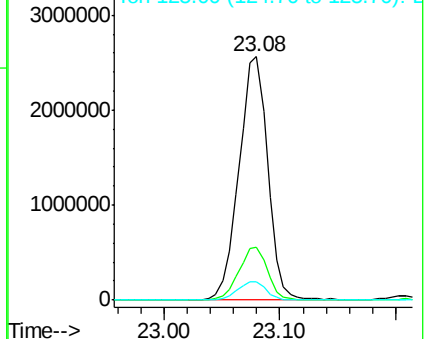
252 100

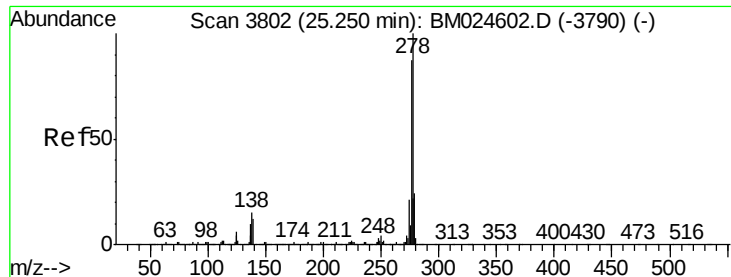
253 21.5 17.3 25.9

125 7.5 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.170 ng

RT: 25.26 min Scan# 3803

Delta R.T. 0.01 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

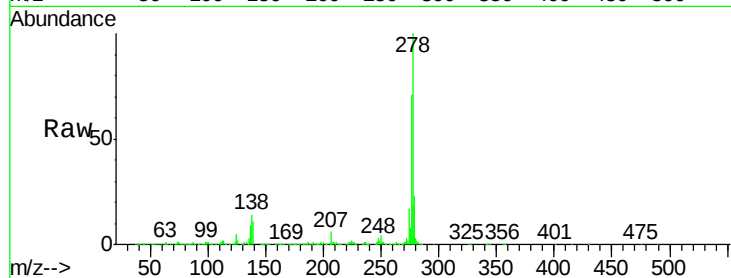
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 4209180

Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.3	13.9
279	23.3	18.9	28.3

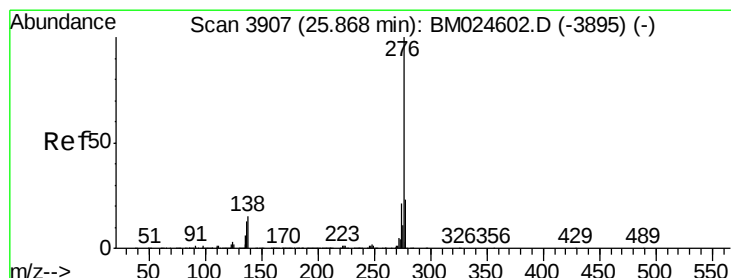
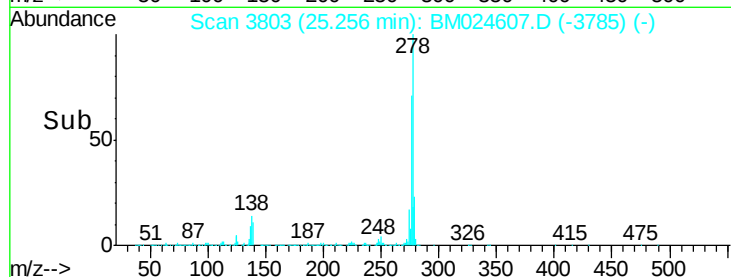
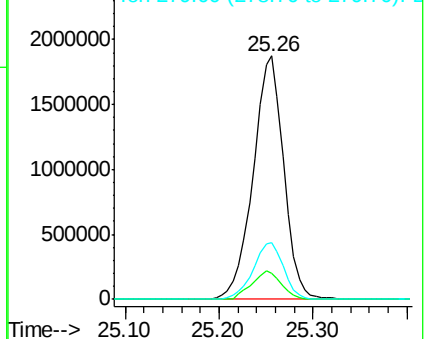


Abundance

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: 40.785 ng

RT: 25.87 min Scan# 3907

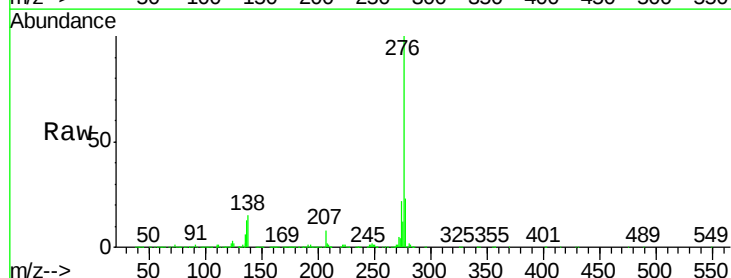
Delta R.T. -0.00 min

Lab File: BM024607.D

Acq: 23 Jan 2020 14:45

Tgt Ion:276 Resp: 3786234

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	14.7	11.9	17.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

