

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024602.D
 Acq On : 23 Jan 2020 11:46
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 12:48:03 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 12:41:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	235208	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	971601	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	677540	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1589144	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1655690	20.00	ng	0.00
87) Perylene-d12	23.16	264	1822825	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	1013785	76.79	ng	0.00
7) Phenol-d6	6.65	99	1407791	80.20	ng	0.00
23) Nitrobenzene-d5	8.59	82	1624000	80.70	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	893476	95.88	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4103501	81.08	ng	0.00
79) Terphenyl-d14	19.50	244	7815412	98.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	198386	35.007	ng	100
3) Pyridine	3.45	79	562510	34.307	ng	100
4) n-Nitrosodimethylamine	3.37	42	258203	29.516	ng	100
6) Aniline	6.79	93	854998	39.016	ng	100
8) 2-Chlorophenol	7.02	128	580277	39.184	ng	100
9) Benzaldehyde	6.60	77	398946	45.868	ng	100
10) Phenol	6.67	94	701687	39.035	ng	100
11) bis(2-Chloroethyl)ether	6.89	93	569582	39.724	ng	100
12) 1,3-Dichlorobenzene	7.33	146	710665	38.572	ng	100
13) 1,4-Dichlorobenzene	7.48	146	723860	38.867	ng	100
14) 1,2-Dichlorobenzene	7.79	146	693859	38.486	ng	100
15) Benzyl Alcohol	7.69	79	576547	41.819	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.99	45	524654	27.995	ng	100
17) 2-Methylphenol	7.89	107	495962	40.356	ng	100
18) Hexachloroethane	8.51	117	279261	40.488	ng	100
19) n-Nitroso-di-n-propylamine	8.26	70	525845	41.679	ng	100
20) 3+4-Methylphenols	8.22	107	690729	41.145	ng	100
22) Acetophenone	8.26	105	1020291	37.570	ng	100
24) Nitrobenzene	8.63	77	774376	39.272	ng	100
25) Isophorone	9.16	82	1382057	40.995	ng	100
26) 2-Nitrophenol	9.33	139	360793	52.272	ng	100
27) 2,4-Dimethylphenol	9.41	122	484601	40.736	ng	100
28) bis(2-Chloroethoxy)methane	9.64	93	844507	40.827	ng	100
29) 2,4-Dichlorophenol	9.86	162	663661	42.495	ng	100
30) 1,2,4-Trichlorobenzene	10.07	180	782050	41.094	ng	100
31) Naphthalene	10.25	128	1996151	38.038	ng	100
32) Benzoic acid	9.57	122	403665	52.773	ng	100
33) 4-Chloroaniline	10.37	127	885992	38.081	ng	100
34) Hexachlorobutadiene	10.56	225	549484	43.718	ng	100
35) Caprolactam	11.15	113	205225	43.106	ng	100
36) 4-Chloro-3-methylphenol	11.51	107	701579	42.850	ng	100
37) 2-Methylnaphthalene	11.88	142	1540208	40.063	ng	100
38) 1-Methylnaphthalene	12.10	142	1464803	39.992	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	991588	41.891	ng	100

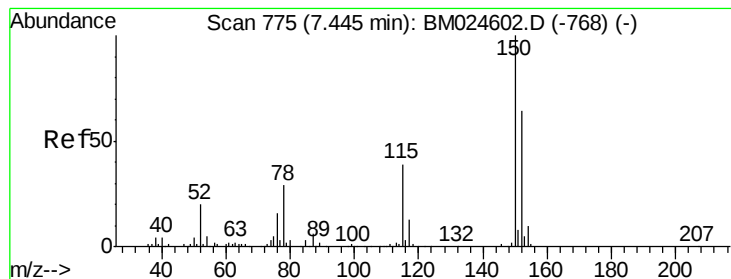
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	563519	43.124	ng	100
43) 2,4,6-Trichlorophenol	12.51	196	642379	47.646	ng	100
44) 2,4,5-Trichlorophenol	12.58	196	645987	44.521	ng	100
46) 1,1'-Biphenyl	12.92	154	2106095	38.674	ng	100
47) 2-Chloronaphthalene	12.95	162	1703333	38.591	ng	100
48) 2-Nitroaniline	13.16	65	526634	39.315	ng	100
49) Acenaphthylene	13.81	152	2544510	38.076	ng	100
50) Dimethylphthalate	13.57	163	2250855	40.076	ng	100
51) 2,6-Dinitrotoluene	13.67	165	480693	40.128	ng	100
52) Acenaphthene	14.16	154	1576211	38.575	ng	100
53) 3-Nitroaniline	14.00	138	507409	38.806	ng	100
54) 2,4-Dinitrophenol	14.21	184	287056	59.265	ng	100
55) Dibenzofuran	14.50	168	2561806	38.736	ng	100
56) 4-Nitrophenol	14.33	139	396952	40.885	ng	100
57) 2,4-Dinitrotoluene	14.47	165	693722	40.565	ng	100
58) Fluorene	15.15	166	2163879	38.802	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	651171	48.243	ng	100
60) Diethylphthalate	14.95	149	2296448	39.621	ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	1242801	40.774	ng	100
62) 4-Nitroaniline	15.17	138	559937	37.859	ng	100
63) Azobenzene	15.45	77	1960146	37.734	ng	100
65) 4,6-Dinitro-2-methylphenol	15.24	198	385673	56.730	ng	100
66) n-Nitrosodiphenylamine	15.37	169	1852786	39.426	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	800065	41.723	ng	100
68) Hexachlorobenzene	16.16	284	913888	40.919	ng	100
69) Atrazine	16.34	200	728551	56.253	ng	100
70) Pentachlorophenol	16.50	266	564178	50.036	ng	100
71) Phenanthrene	16.89	178	3498077	38.589	ng	100
72) Anthracene	16.98	178	3413283	38.422	ng	100
73) Carbazole	17.25	167	3126018	37.642	ng	100
74) Di-n-butylphthalate	17.84	149	4029144	42.057	ng	100
75) Fluoranthene	18.91	202	4346169	40.117	ng	100
77) Benzidine	19.11	184	1586702	65.489	ng	100
78) Pyrene	19.27	202	4485252	41.104	ng	100
80) Butylbenzylphthalate	20.22	149	1902177	52.312	ng	100
81) Benzo(a)anthracene	21.04	228	4714416	41.322	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	1757285	50.494	ng	100
83) Chrysene	21.09	228	4511782	41.822	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	2789256	46.283	ng	100
85) Di-n-octyl phthalate	21.86	149	4690328	50.195	ng	100
86) Indeno(1,2,3-cd)pyrene	25.24	276	5078304	47.424	ng	98
88) Benzo(b)fluoranthene	22.54	252	4876944	39.542	ng	100
89) Benzo(k)fluoranthene	22.59	252	4669111	39.402	ng	100
90) Benzo(a)pyrene	23.08	252	4391966	39.978	ng	100
91) Dibenzo(a,h)anthracene	25.25	278	4253817	43.432	ng	100
92) Benzo(g,h,i)perylene	25.87	276	3889319	43.947	ng	100

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

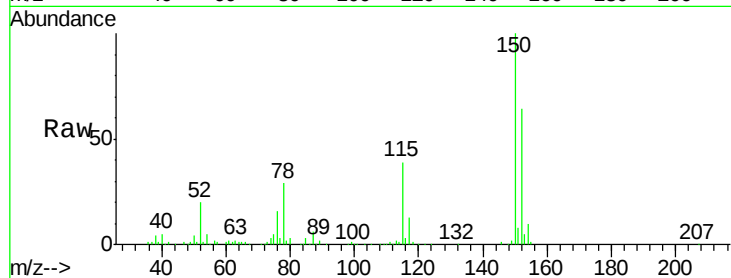


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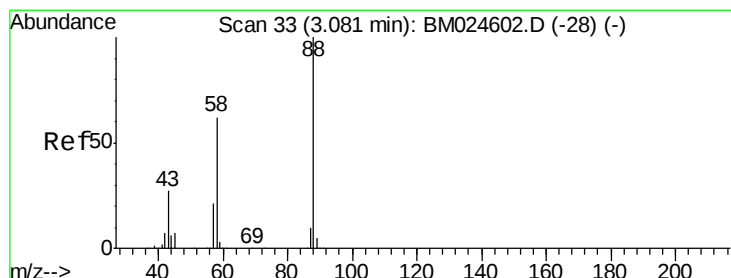
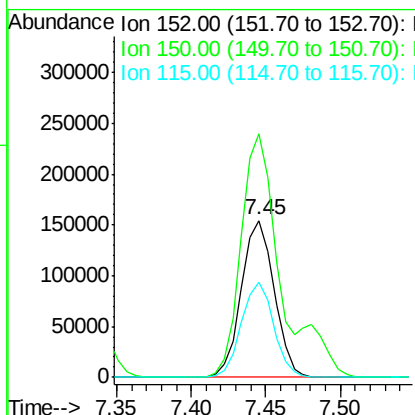
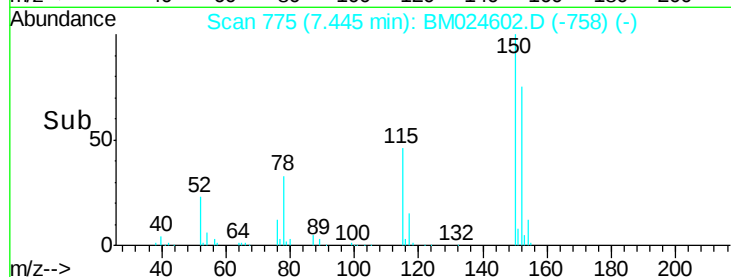
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 235208
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 60.7 48.6 72.8



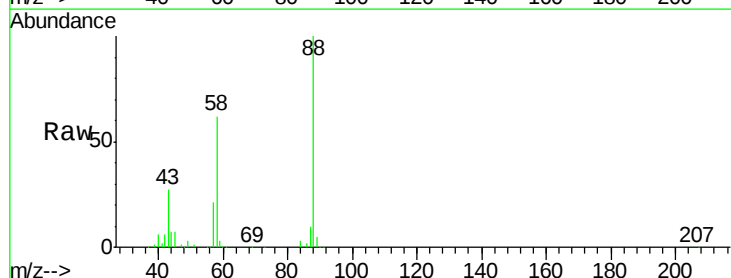
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



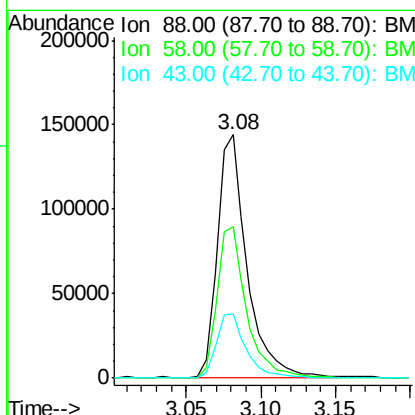
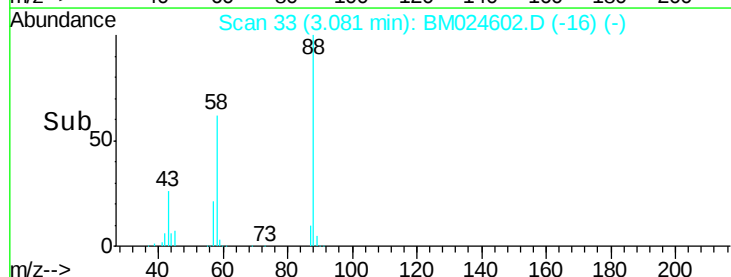
#2

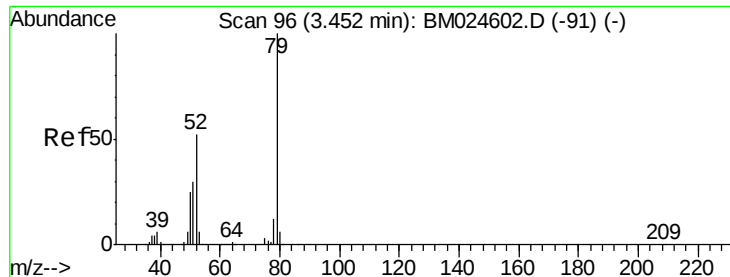
1,4-Dioxane
Concen: 35.007 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion: 88 Resp: 198386
Ion Ratio Lower Upper
88 100
58 62.6 50.0 75.0
43 27.1 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: 34.307 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

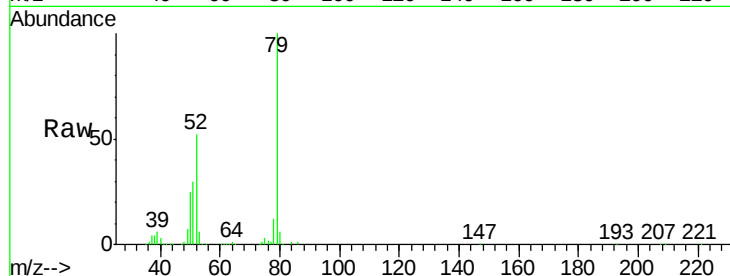
Tot Ion: 79 Resp: 562510

Ion Ratio Lower Upper

79 100

52 51.8 41.4 62.2

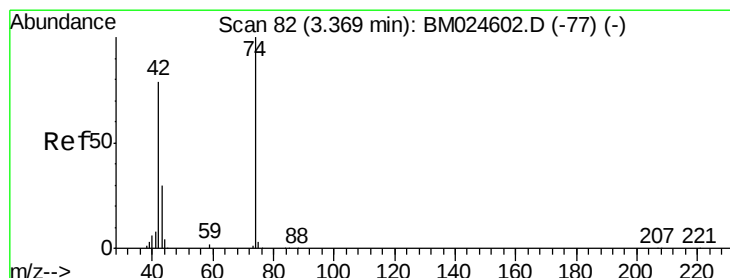
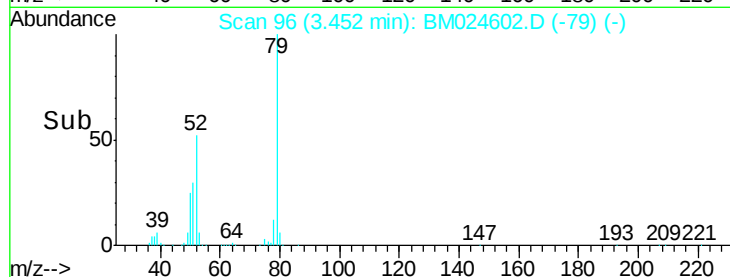
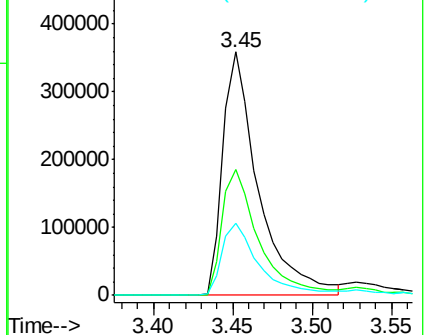
51 29.8 23.8 35.8



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

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

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



#4

n-Nitrosodimethylamine

Concen: 29.516 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

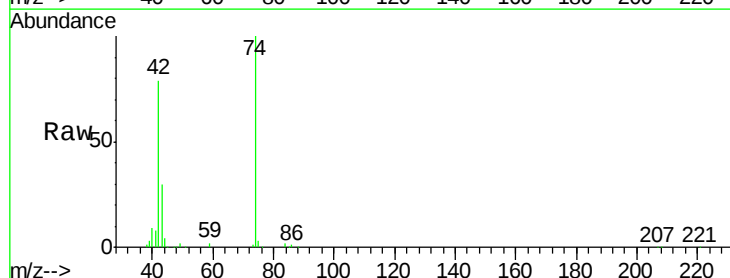
Tgt Ion: 42 Resp: 258203

Ion Ratio Lower Upper

42 100

74 126.8 101.4 152.2

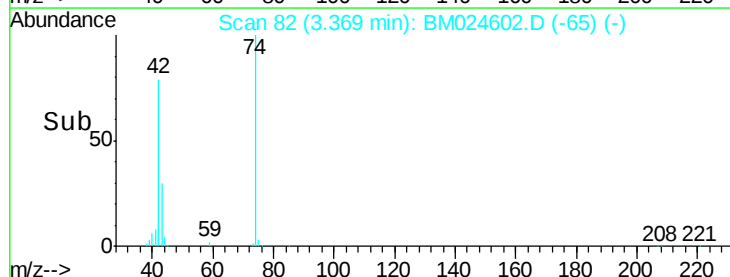
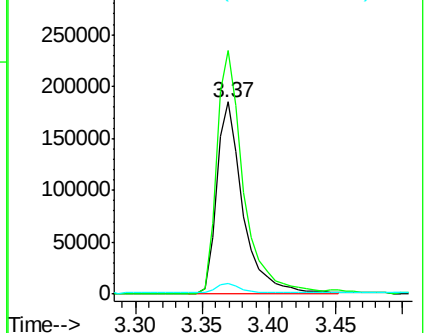
44 5.7 4.6 6.8

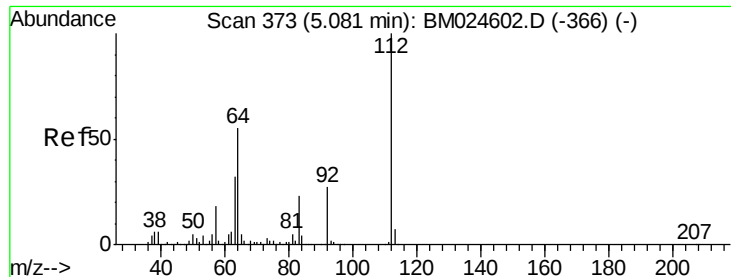


Abundance Ion 42.00 (41.70 to 42.70): BM024602.D (-77) (-)

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

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





#5

2-Fluorophenol

Concen: 76.789 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

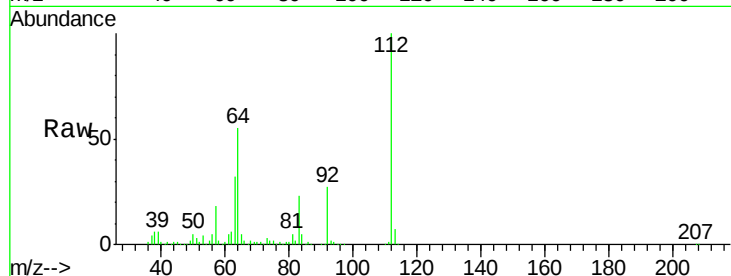
Tot Ion:112 Resp: 1013785

Ion Ratio Lower Upper

112 100

64 55.3 44.2 66.4

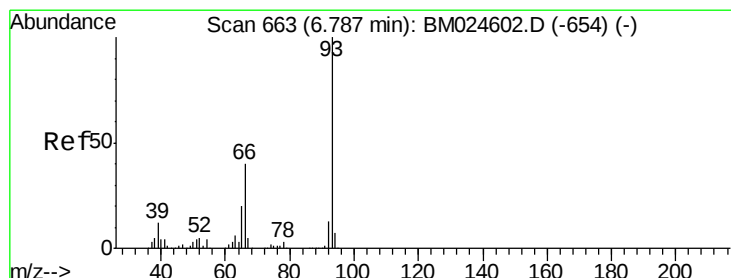
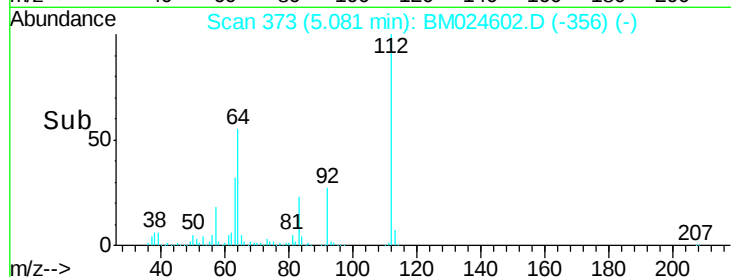
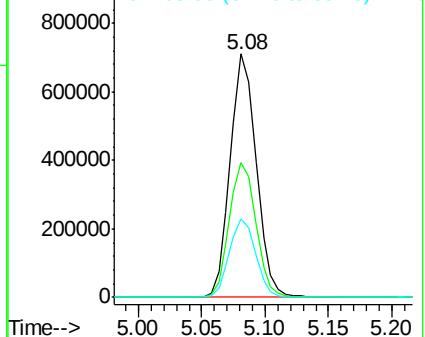
63 32.4 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 39.016 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

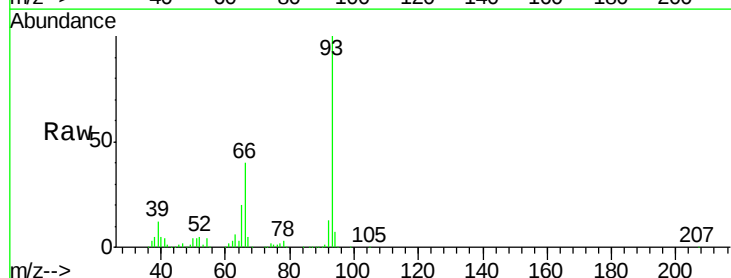
Tgt Ion: 93 Resp: 854998

Ion Ratio Lower Upper

93 100

66 39.8 31.8 47.8

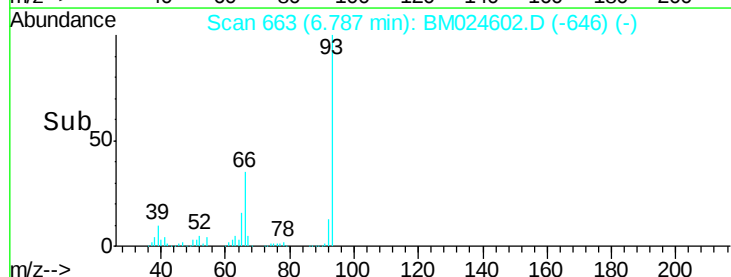
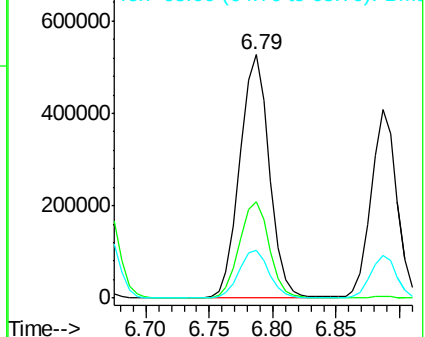
65 19.7 15.8 23.6

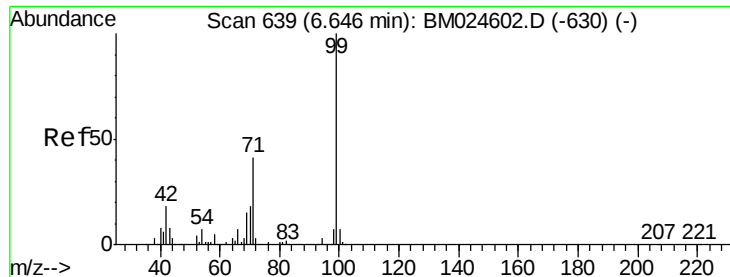


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 80.200 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampled :

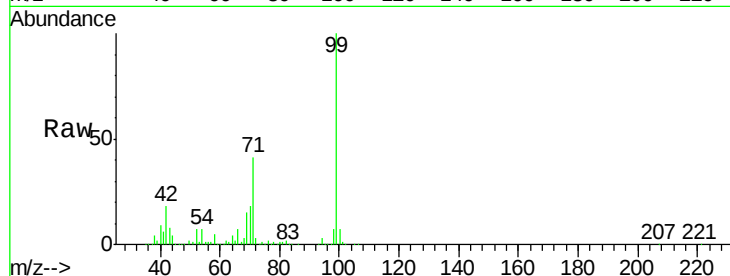
Tot Ion: 99 Resp: 1407791

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

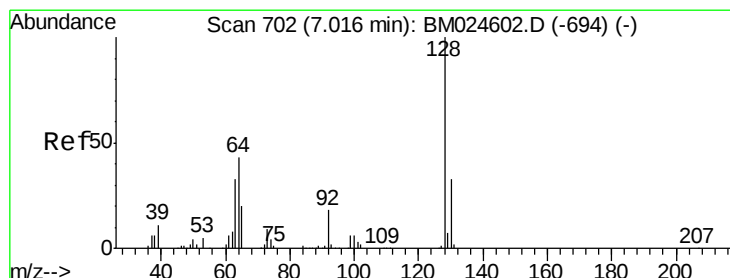
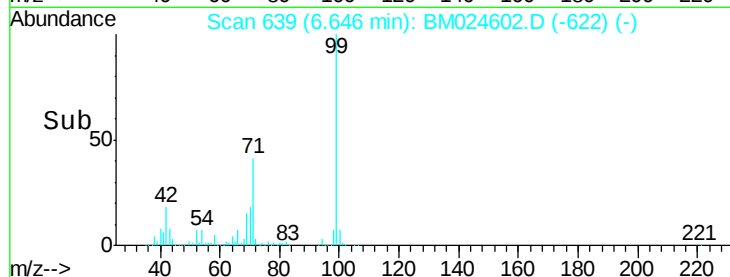
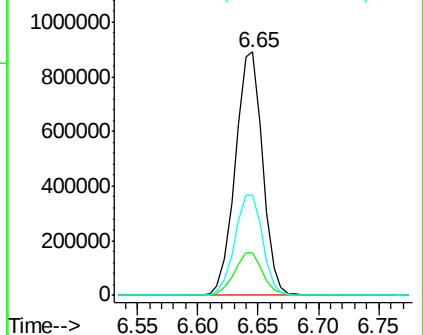
71 41.3 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024602.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024602.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024602.D (-630) (-)



#8

2-Chlorophenol

Concen: 39.184 ng

RT: 7.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

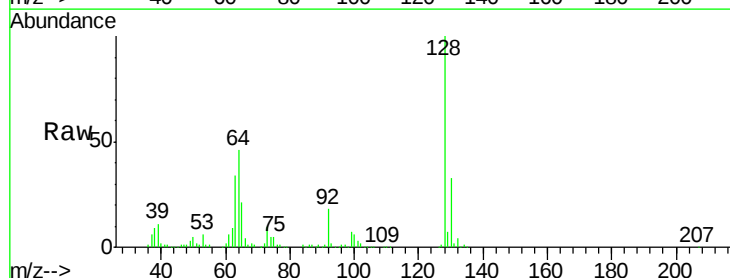
Tgt Ion: 128 Resp: 580277

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

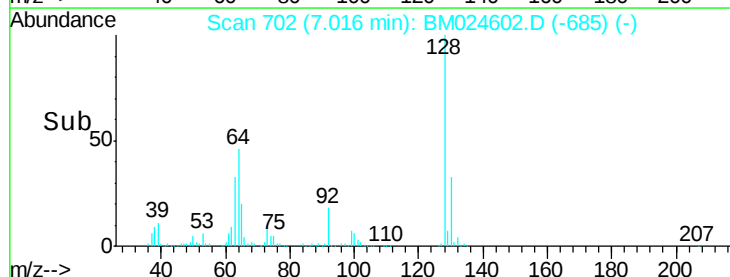
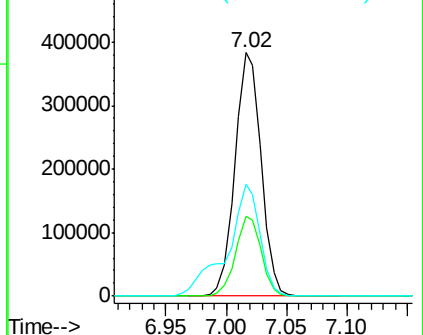
64 46.1 26.1 66.1

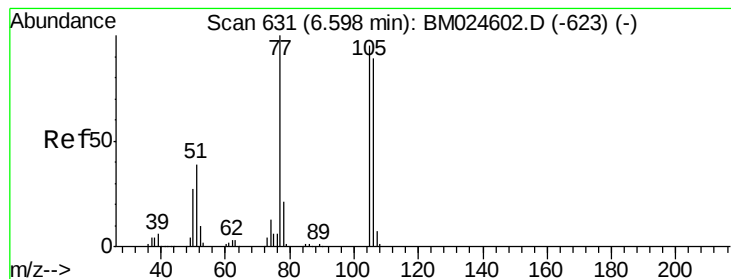


Abundance Ion 128.00 (127.70 to 128.70): BM024602.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024602.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024602.D (-694) (-)





#9

Benzaldehyde

Concen: 45.868 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

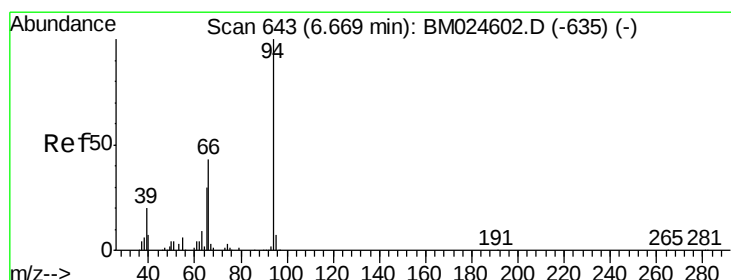
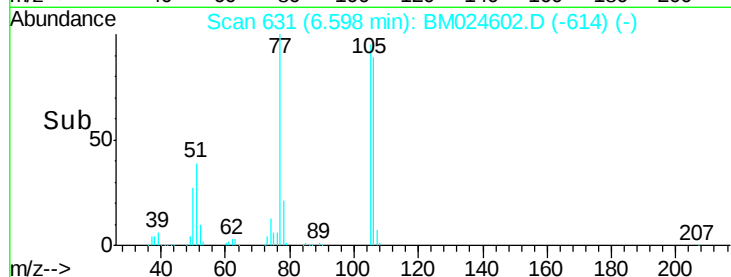
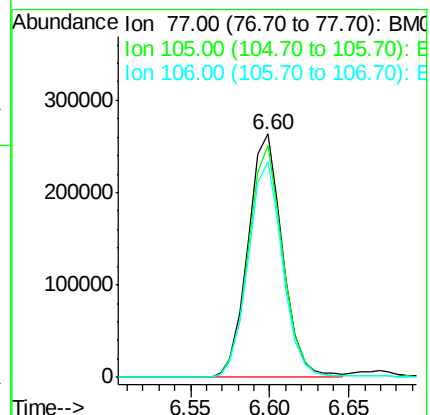
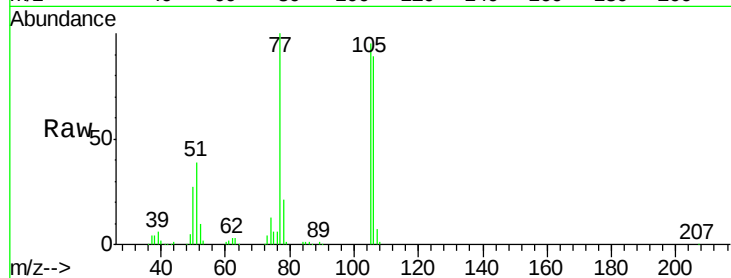
Tot Ion: 77 Resp: 398946

Ion Ratio Lower Upper

77 100

105 95.2 75.2 115.2

106 88.6 68.6 108.6



#10

Phenol

Concen: 39.035 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

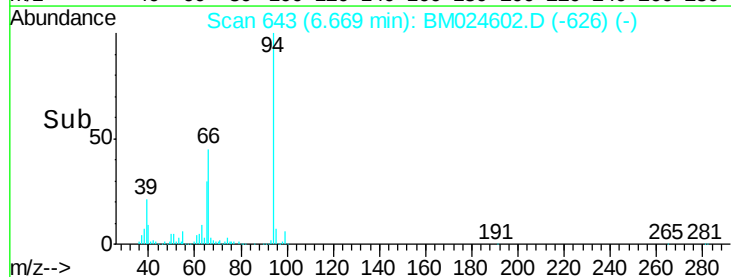
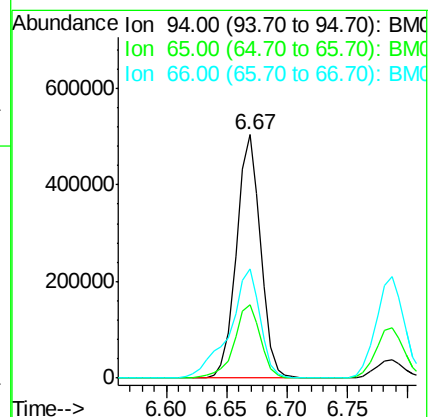
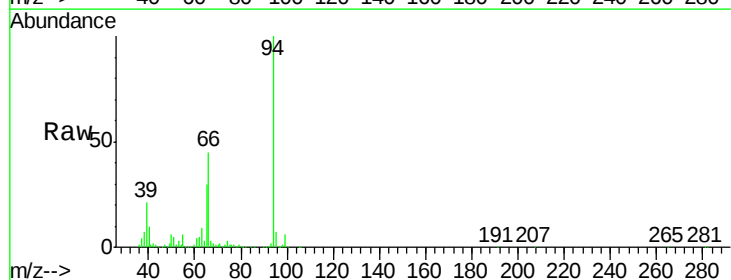
Tgt Ion: 94 Resp: 701687

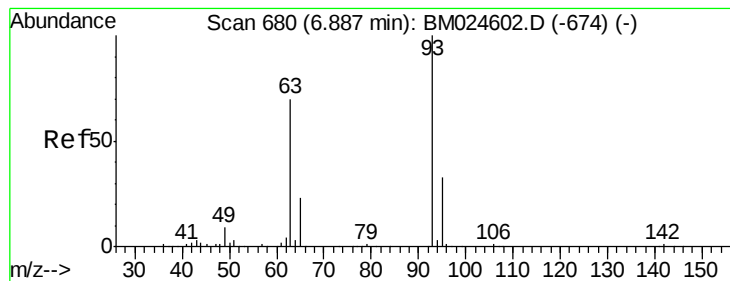
Ion Ratio Lower Upper

94 100

65 30.3 10.3 50.3

66 44.8 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 39.724 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampled :

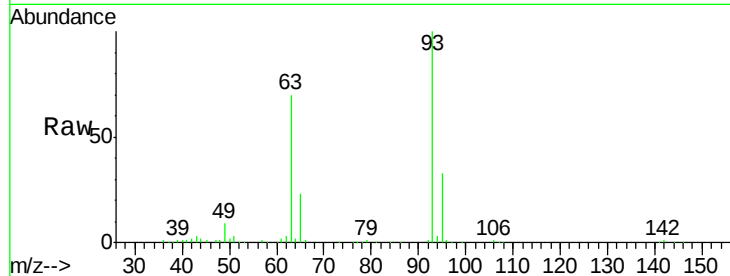
Tot Ion: 93 Resp: 569582

Ion Ratio Lower Upper

93 100

63 69.6 49.6 89.6

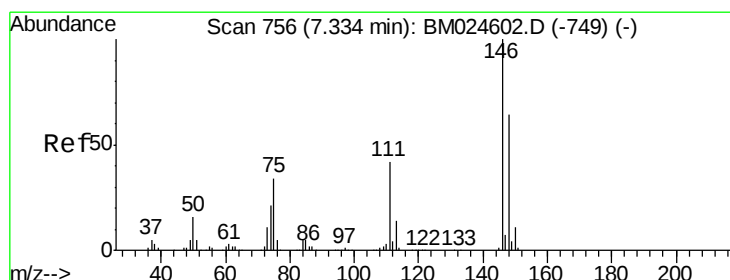
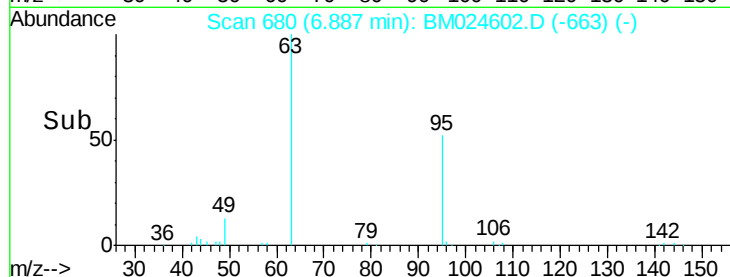
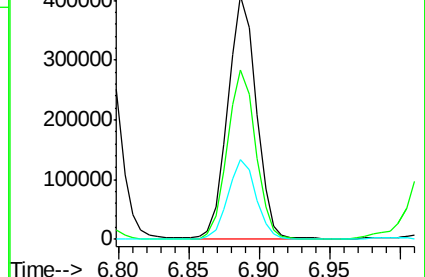
95 32.6 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024602.D (-674) (-)

Ion 63.00 (62.70 to 63.70): BM024602.D (-674) (-)

Ion 95.00 (94.70 to 95.70): BM024602.D (-674) (-)



#12

1,3-Dichlorobenzene

Concen: 38.572 ng

RT: 7.33 min Scan# 756

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

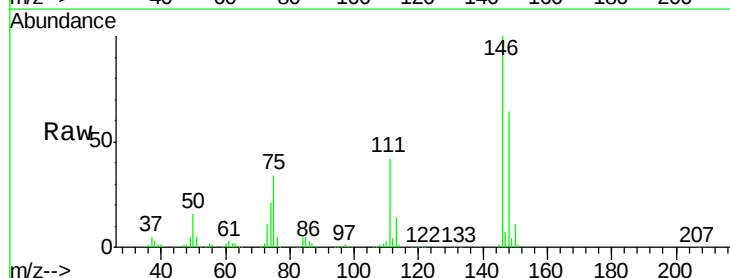
Tgt Ion: 146 Resp: 710665

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

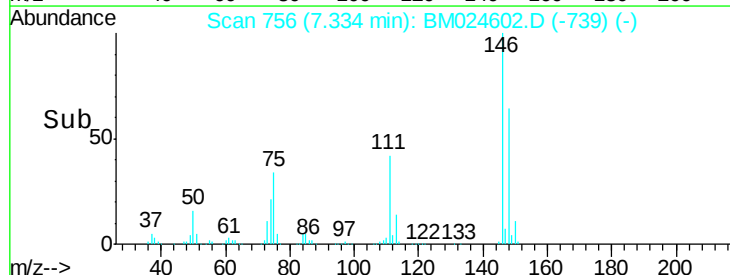
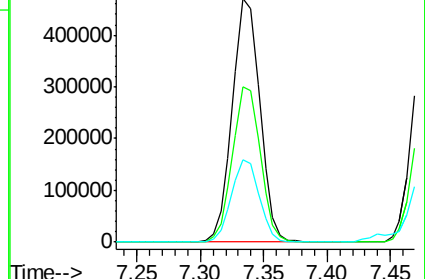
75 33.7 27.0 40.4

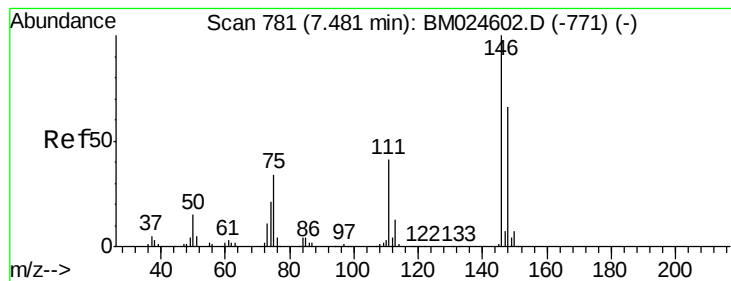


Abundance Ion 146.00 (145.70 to 146.70): BM024602.D (-749) (-)

Ion 148.00 (147.70 to 148.70): BM024602.D (-749) (-)

Ion 75.00 (74.70 to 75.70): BM024602.D (-749) (-)





#13

1,4-Dichlorobenzene

Concen: 38.867 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

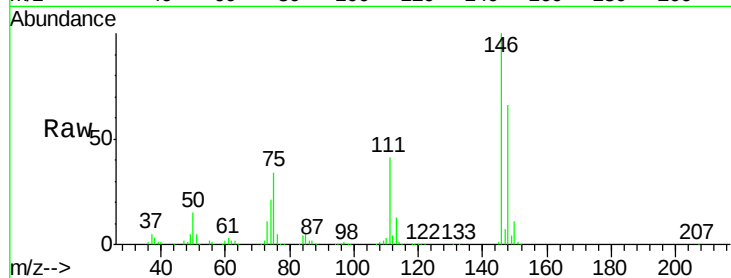
Tot Ion:146 Resp: 723860

Ion Ratio Lower Upper

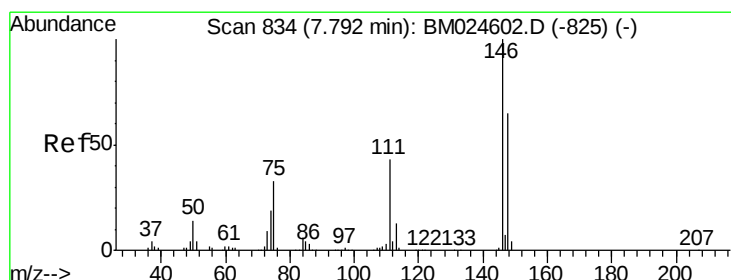
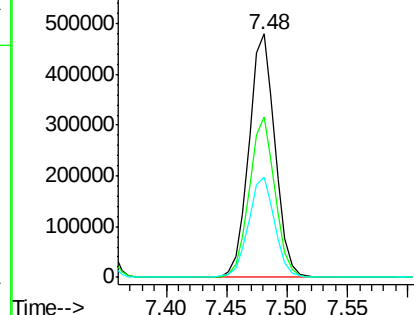
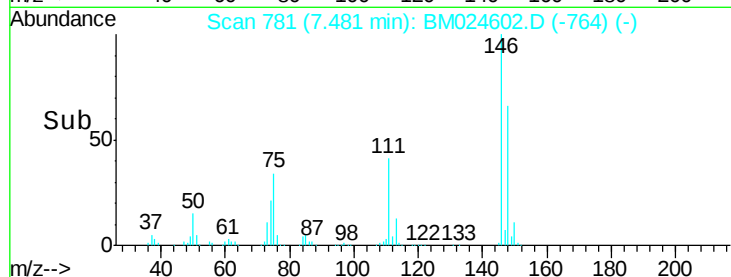
146 100

148 65.6 52.5 78.7

111 41.2 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: 38.486 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

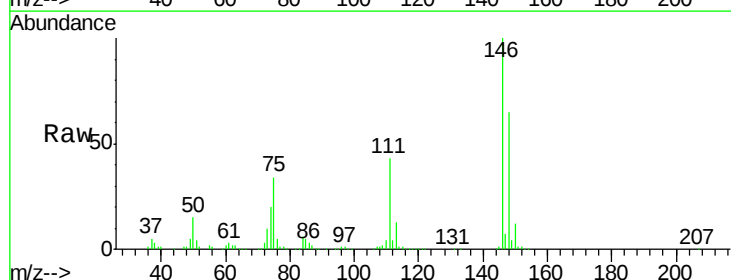
Tgt Ion:146 Resp: 693859

Ion Ratio Lower Upper

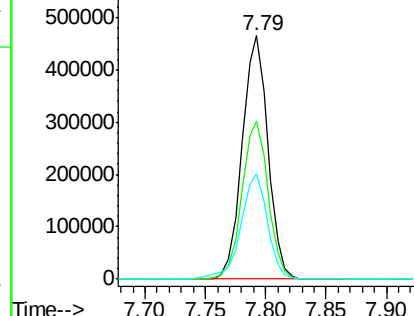
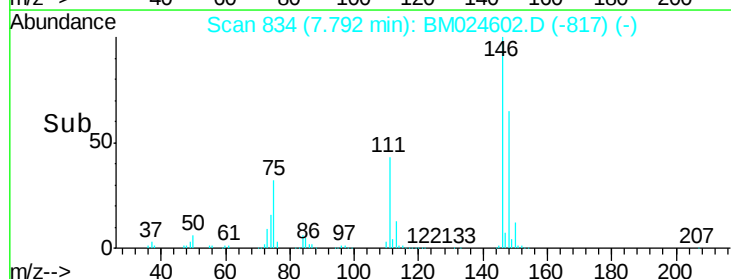
146 100

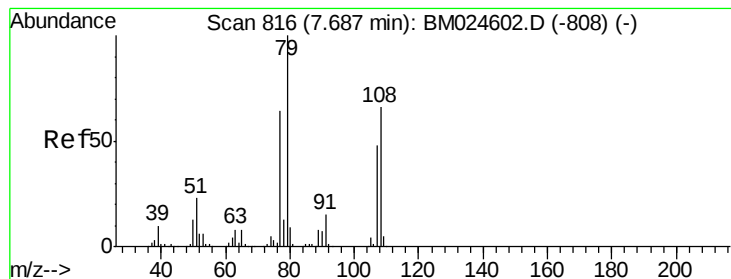
148 64.9 51.9 77.9

111 43.1 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: 41.819 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampled :

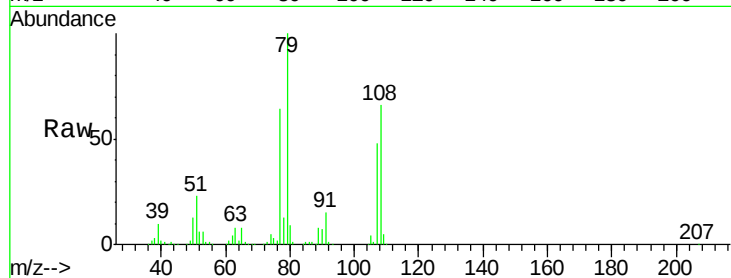
Tot Ion: 79 Resp: 576547

Ion Ratio Lower Upper

79 100

108 66.2 53.0 79.4

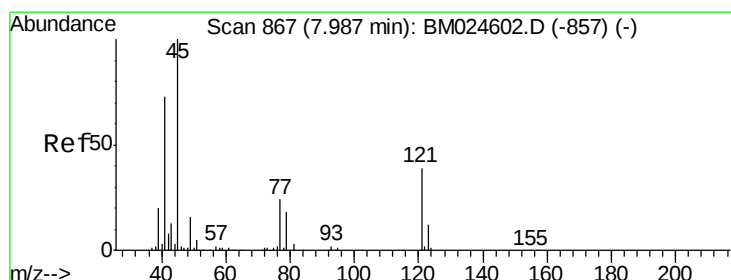
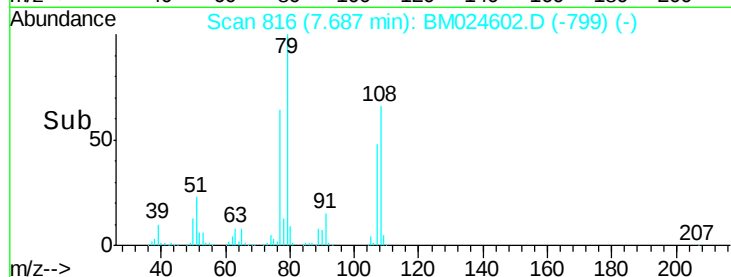
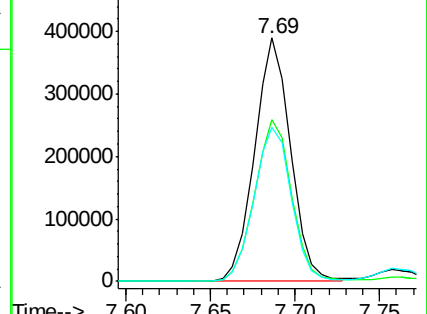
77 63.5 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM024602.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.995 ng

RT: 7.99 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

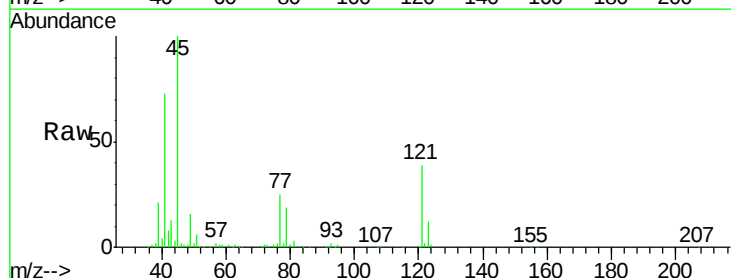
Tgt Ion: 45 Resp: 524654

Ion Ratio Lower Upper

45 100

77 25.2 5.2 45.2

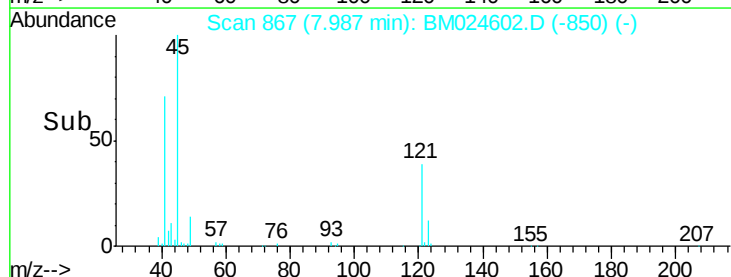
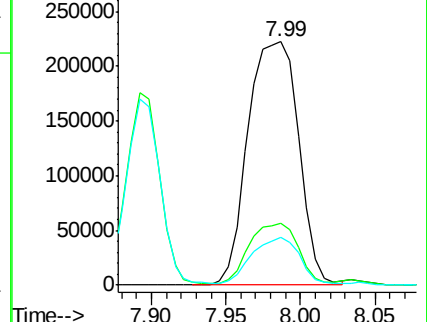
79 19.4 0.0 39.4

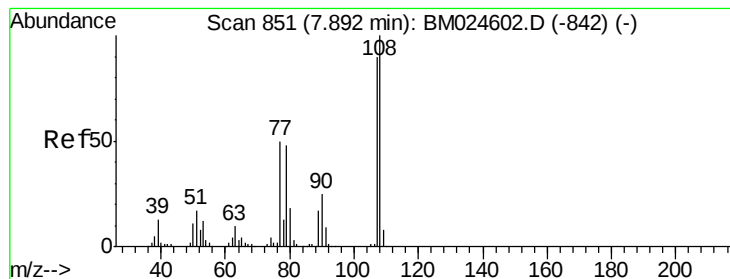


Abundance Ion 45.00 (44.70 to 45.70): BM024602.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM024602.D (-857) (-)

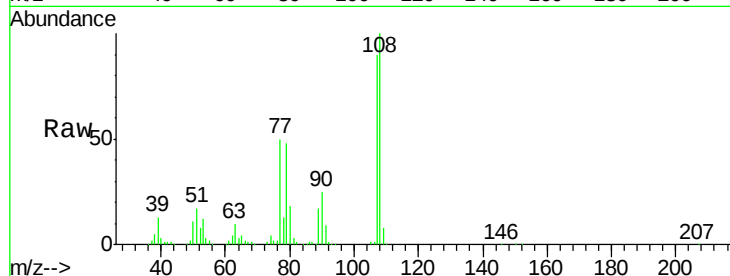




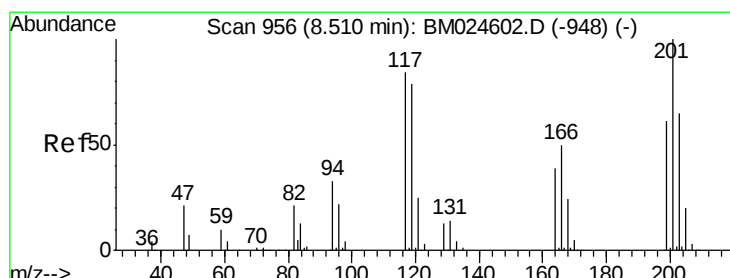
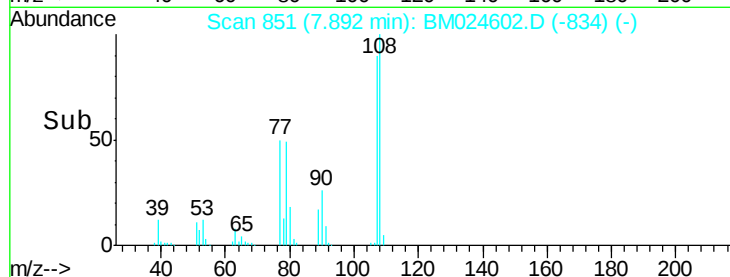
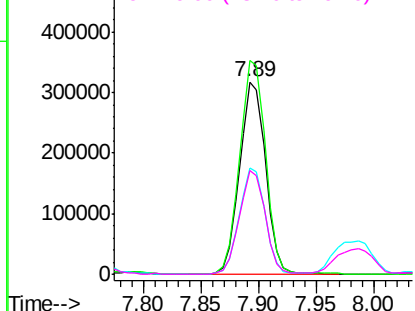
#17
2-Methylphenol
Concen: 40.356 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	495962
Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	55.6	44.5	66.7
79	53.6	42.9	64.3

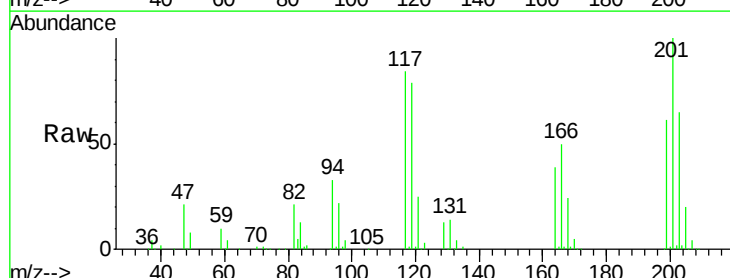


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

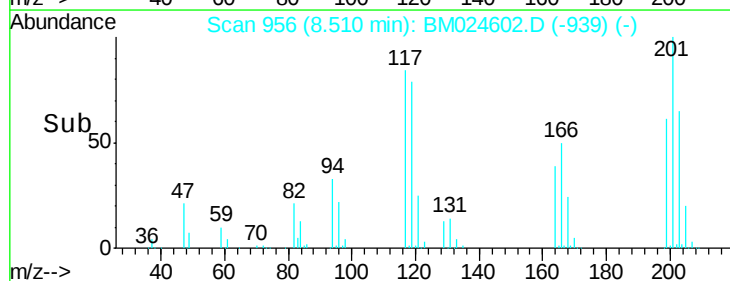
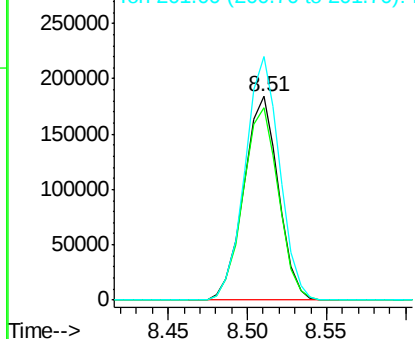


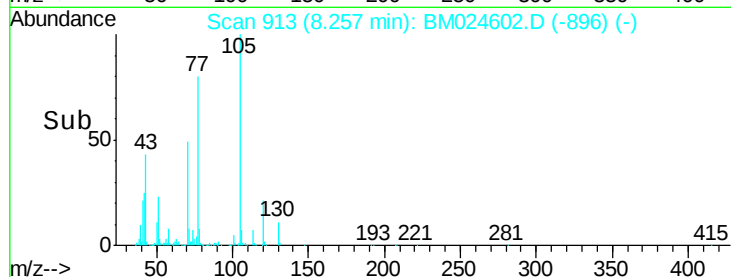
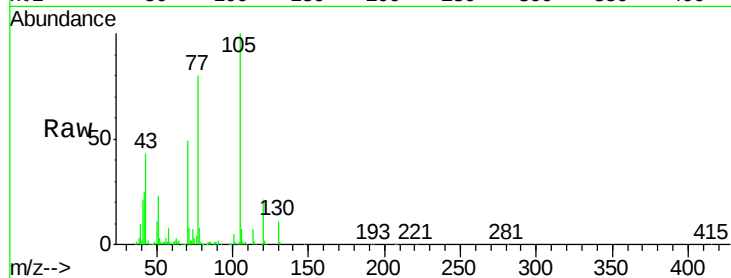
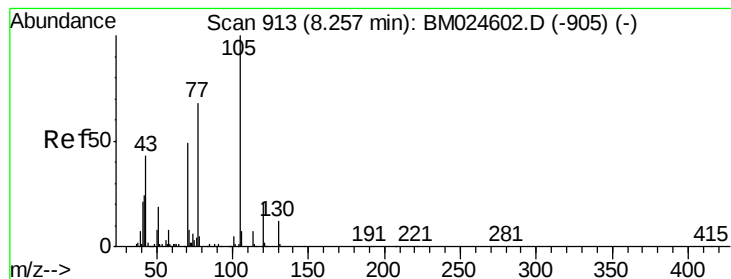
#18
Hexachloroethane
Concen: 40.488 ng
RT: 8.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:	117	Resp:	279261
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.2
201	119.7	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: 41.679 ng

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 525845

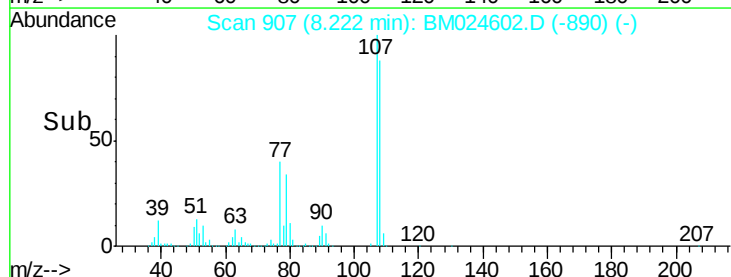
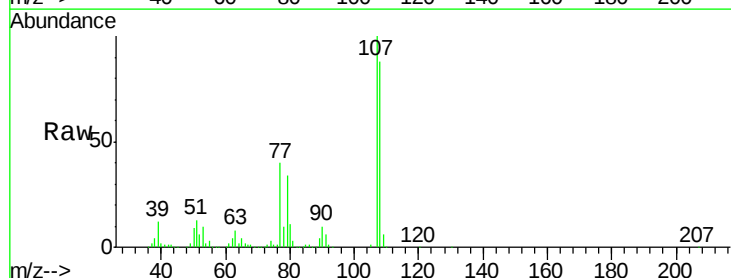
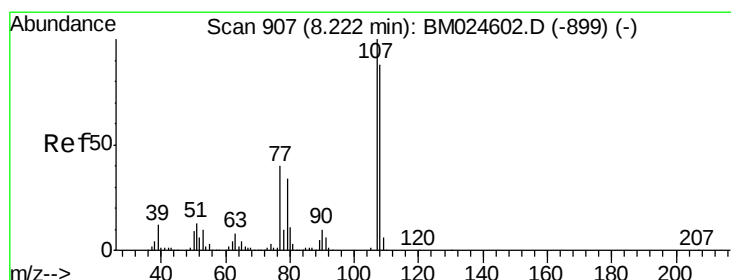
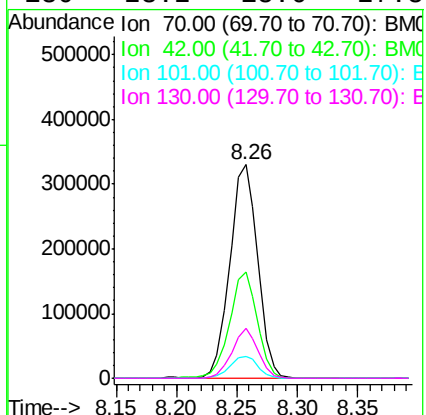
Ion Ratio Lower Upper

70 100

42 50.0 40.0 60.0

101 10.2 8.2 12.2

130 23.2 18.6 27.8



#20

3+4-Methylphenols

Concen: 41.145 ng

RT: 8.22 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion: 107 Resp: 690729

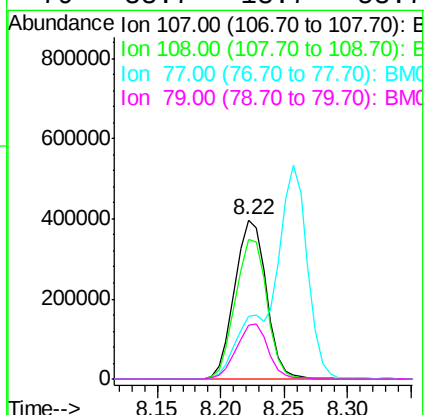
Ion Ratio Lower Upper

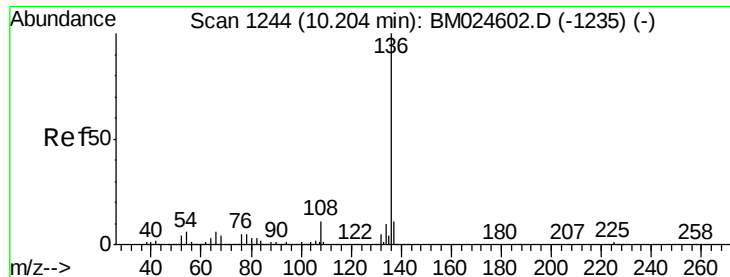
107 100

108 88.0 68.0 108.0

77 39.9 19.9 59.9

79 33.7 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: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 971601

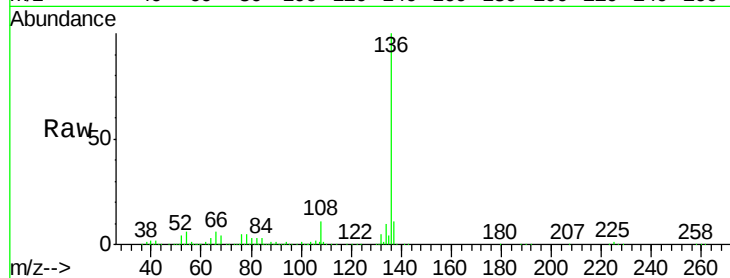
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.6 4.5 6.7

68 4.2 3.4 5.0

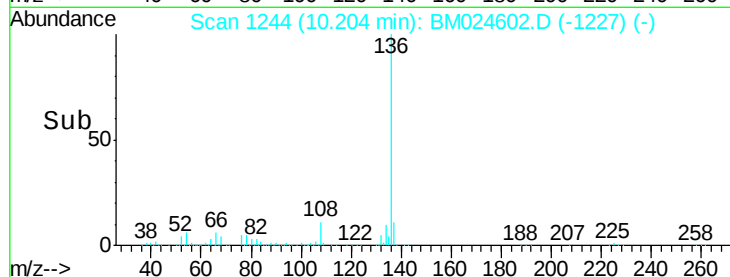


Abundance Ion 136.00 (135.70 to 136.70): E

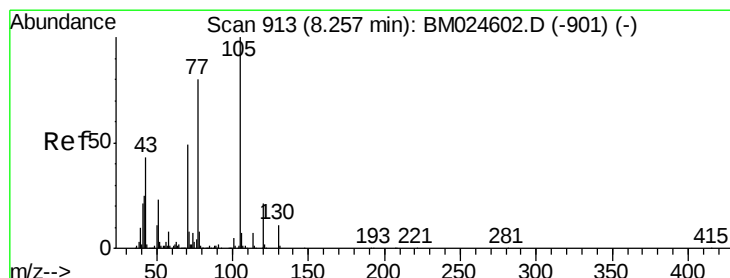
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->



#22

Acetophenone

Concen: 37.570 ng

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:105 Resp: 1020291

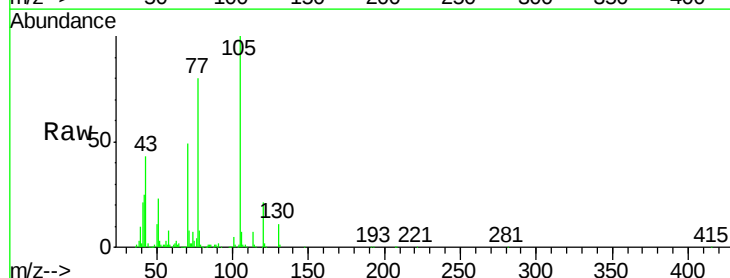
Ion Ratio Lower Upper

105 100

71 8.4 6.7 10.1

51 23.1 18.5 27.7

120 20.8 16.6 25.0

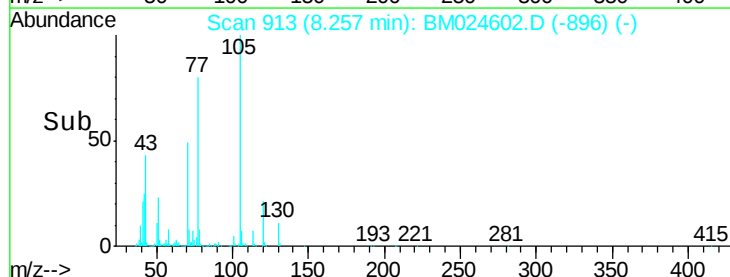


Abundance Ion 105.00 (104.70 to 105.70): E

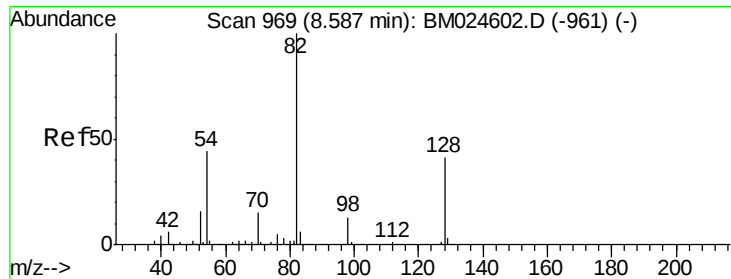
Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



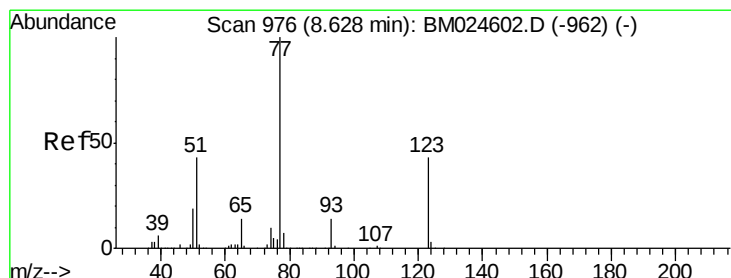
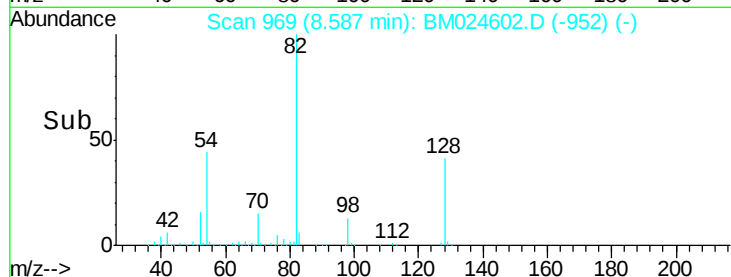
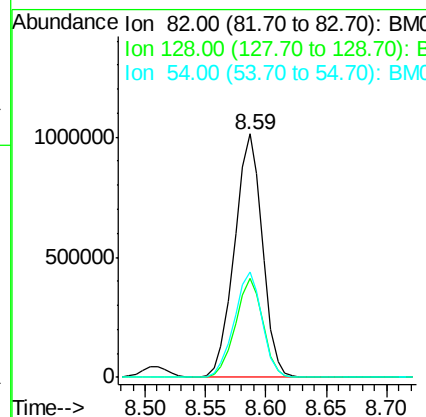
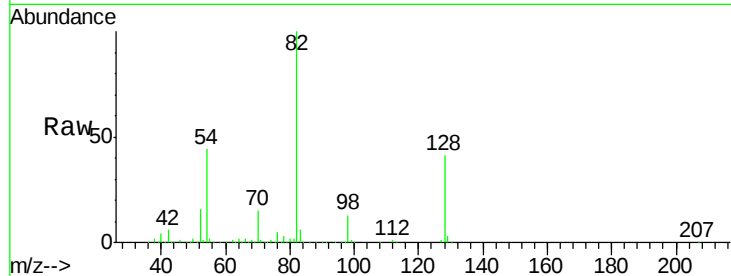
Time-->



#23
 Nitrobenzene-d5
 Concen: 80.705 ng
 RT: 8.59 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

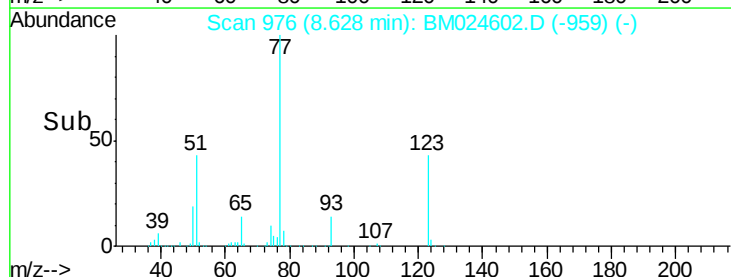
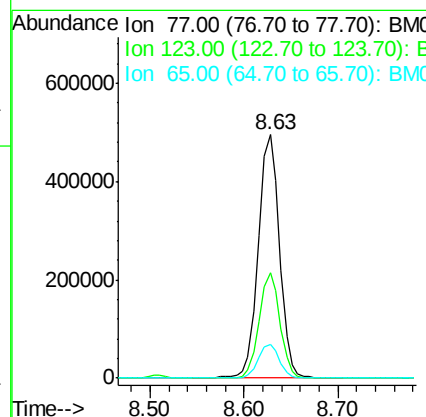
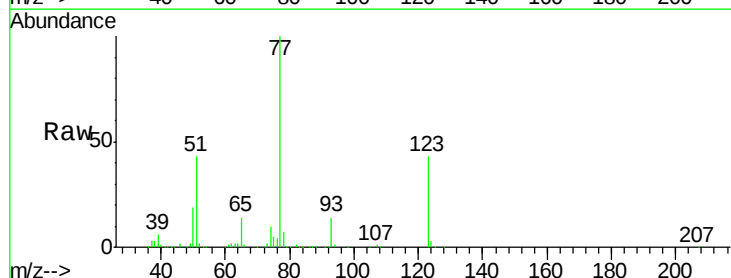
Instrument :
 BNA_M
 ClientSampleId :

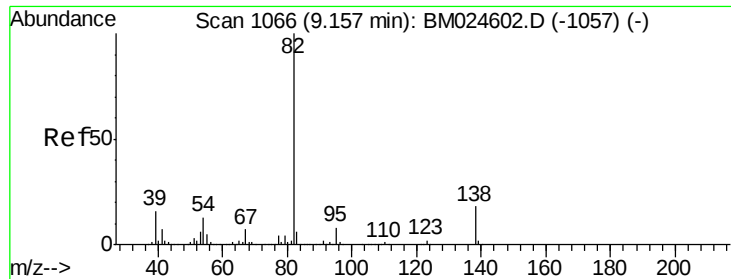
Tot Ion: 82 Resp: 1624000
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.6 48.8
 54 43.5 34.8 52.2



#24
 Nitrobenzene
 Concen: 39.272 ng
 RT: 8.63 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

Tgt Ion: 77 Resp: 774376
 Ion Ratio Lower Upper
 77 100
 123 43.3 34.6 52.0
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 40.995 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

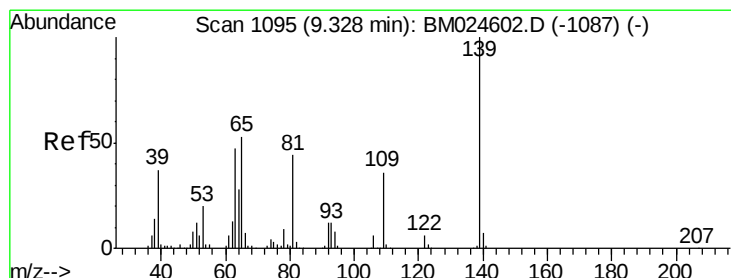
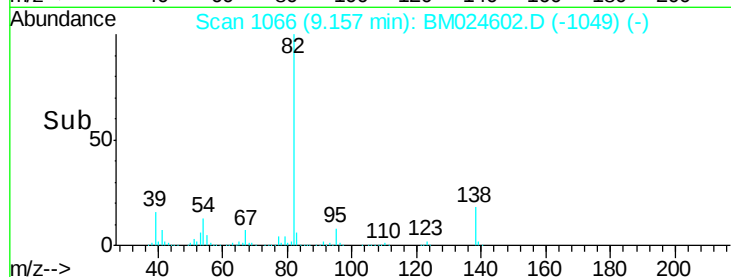
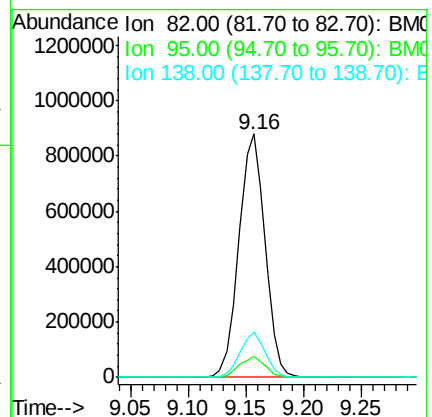
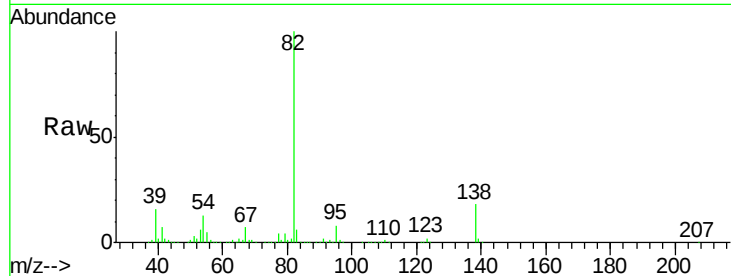
Tot Ion: 82 Resp: 1382057

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	18.4	14.7	22.1

82 100

95 8.4 6.7 10.1

138 18.4 14.7 22.1



#26

2-Nitrophenol

Concen: 52.272 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

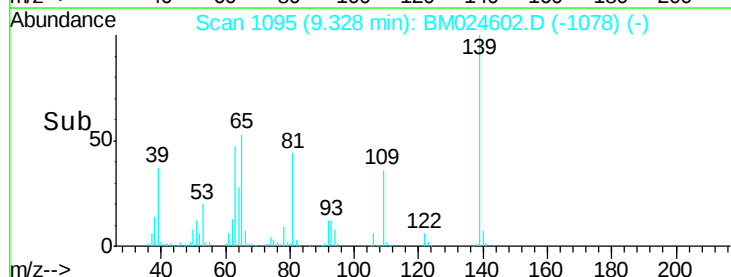
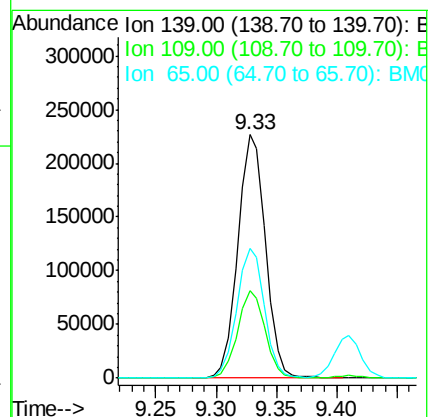
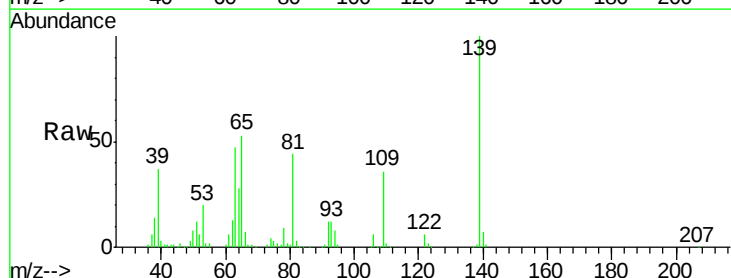
Tgt Ion: 139 Resp: 360793

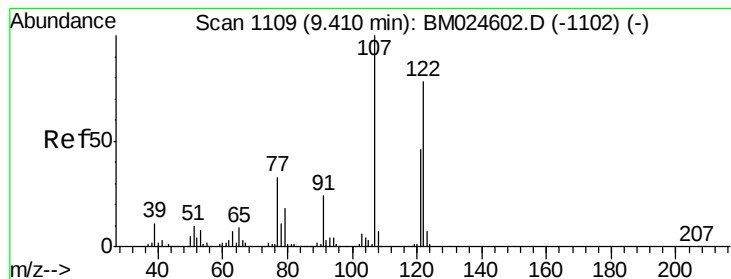
Ion	Ratio	Lower	Upper
139	100		
109	36.0	28.8	43.2
65	53.2	42.6	63.8

139 100

109 36.0 28.8 43.2

65 53.2 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 40.736 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampled :

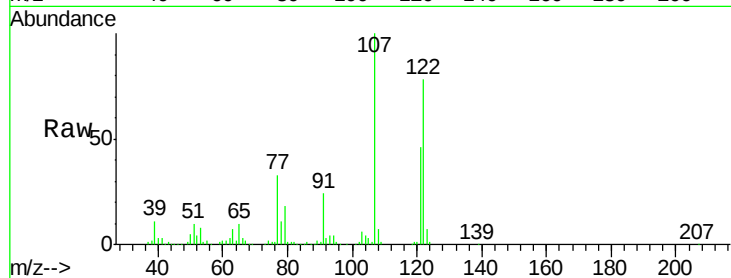
Tot Ion:122 Resp: 484601

Ion Ratio Lower Upper

122 100

107 128.1 102.5 153.7

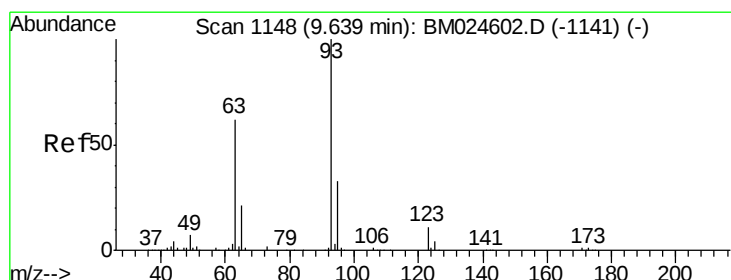
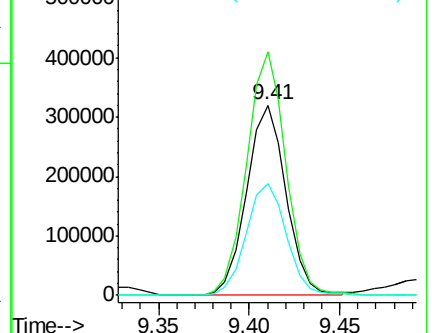
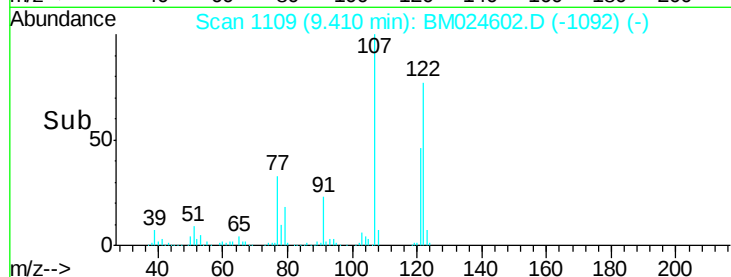
121 58.7 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.827 ng

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

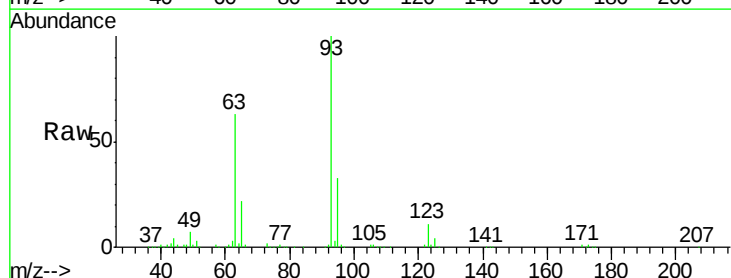
Tgt Ion: 93 Resp: 844507

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

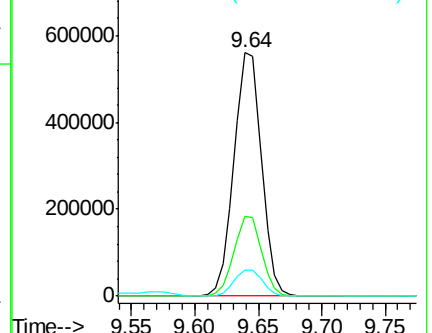
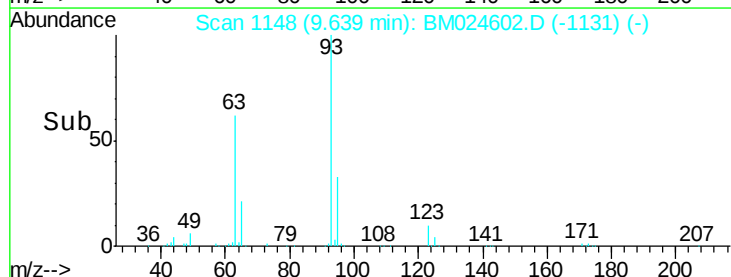
123 10.9 8.7 13.1

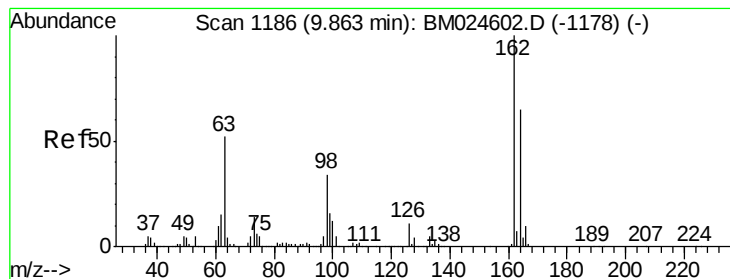


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.495 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

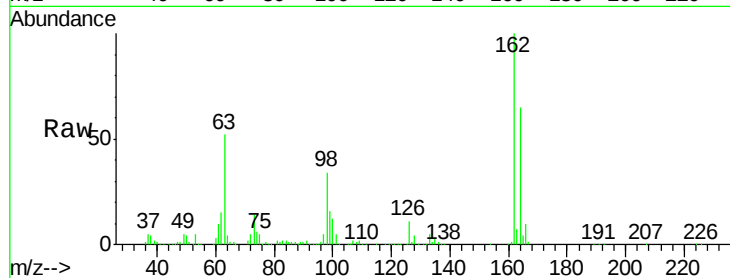
Tot Ion:162 Resp: 663661

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

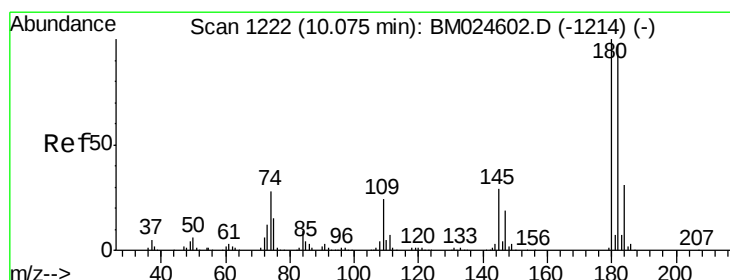
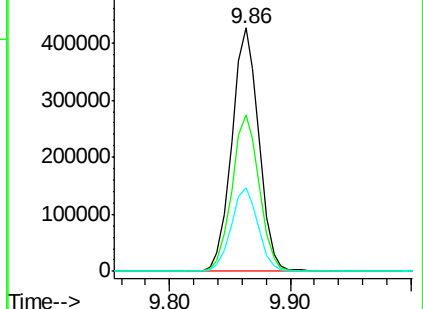
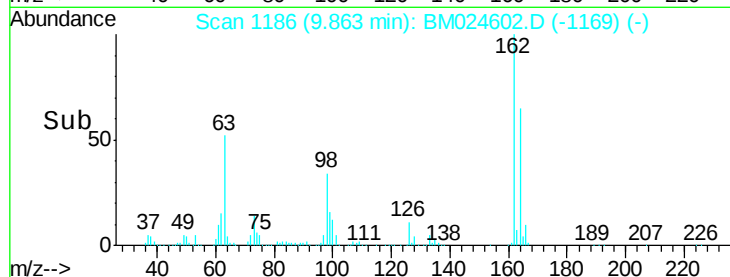
98 34.2 14.2 54.2



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: 41.094 ng

RT: 10.07 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

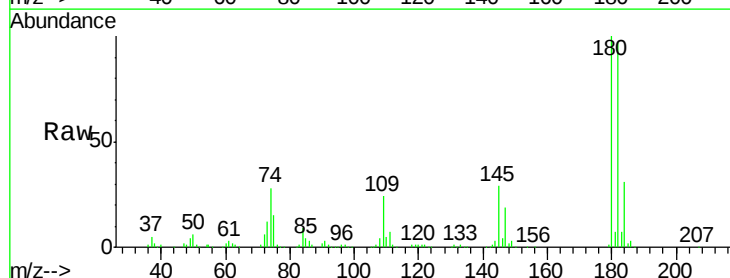
Tgt Ion:180 Resp: 782050

Ion Ratio Lower Upper

180 100

182 97.2 77.8 116.6

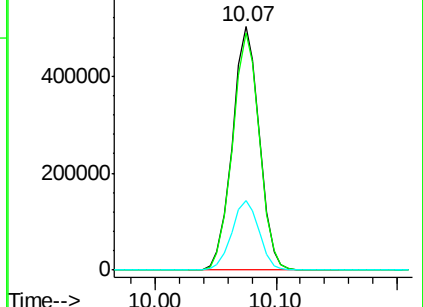
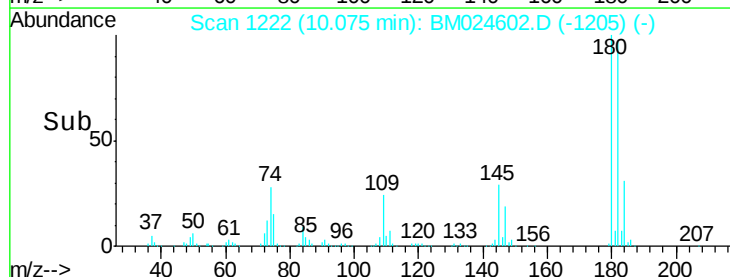
145 28.6 22.9 34.3

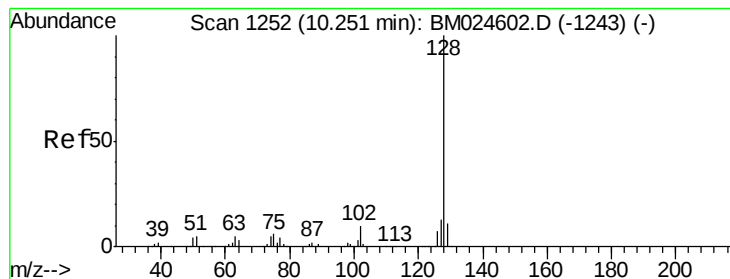


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.038 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

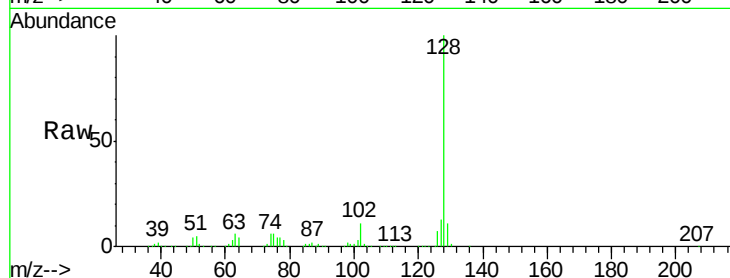
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 1996151

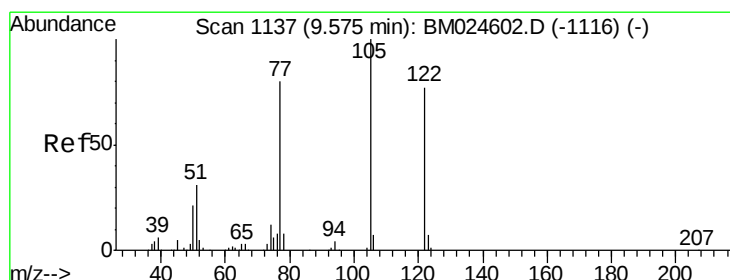
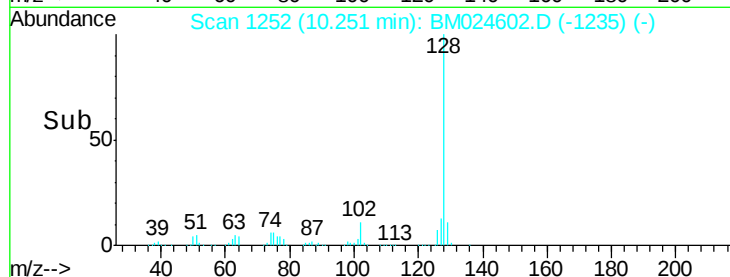
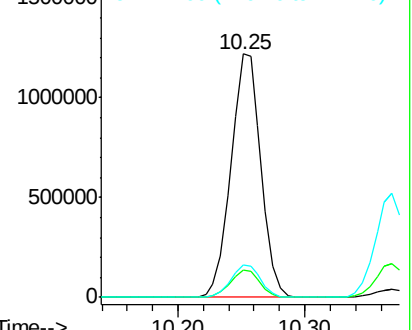
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.773 ng

RT: 9.57 min Scan# 1137

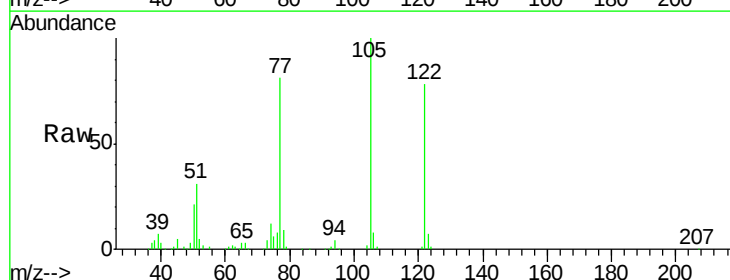
Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:122 Resp: 403665

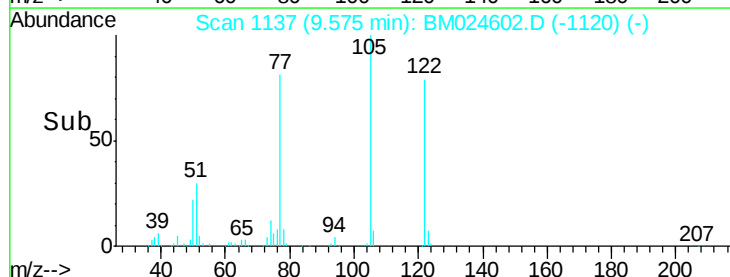
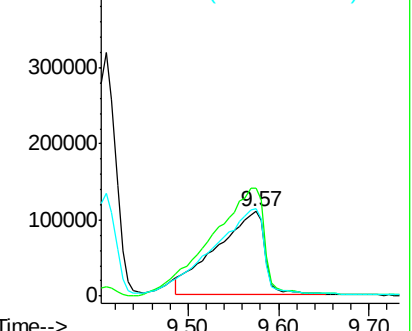
Ion	Ratio	Lower	Upper
122	100		
105	127.7	107.7	147.7
77	103.8	83.8	123.8

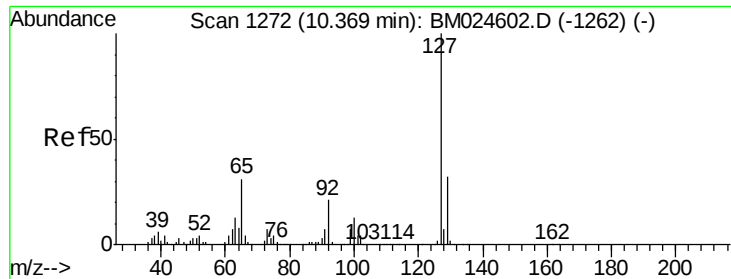


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

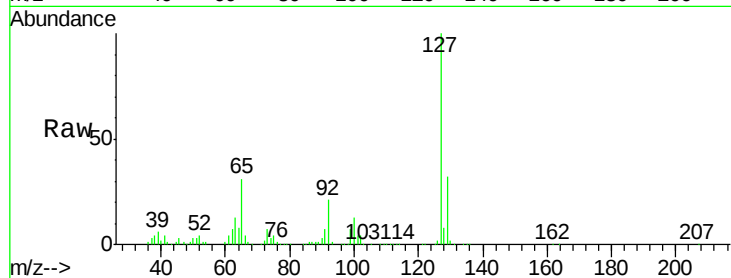




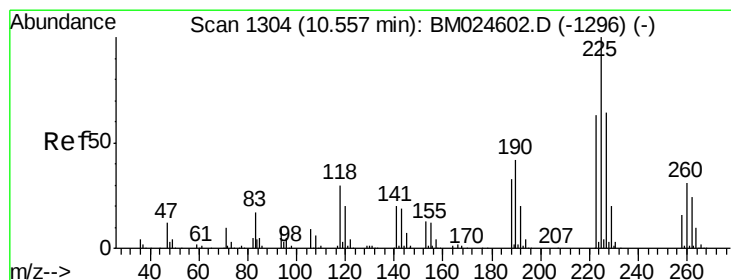
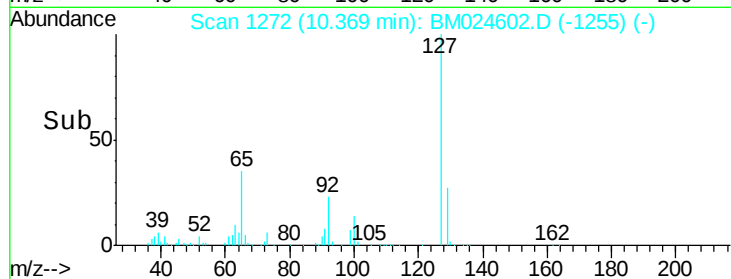
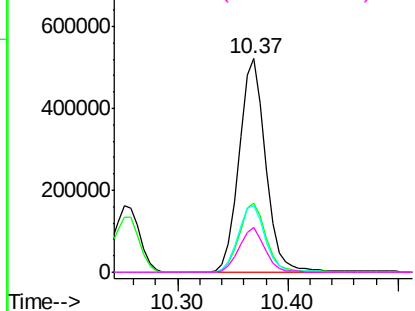
#33
4-Chloroaniline
Concen: 38.081 ng
RT: 10.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	885992
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	31.4	25.1	37.7
92	20.8	16.6	25.0

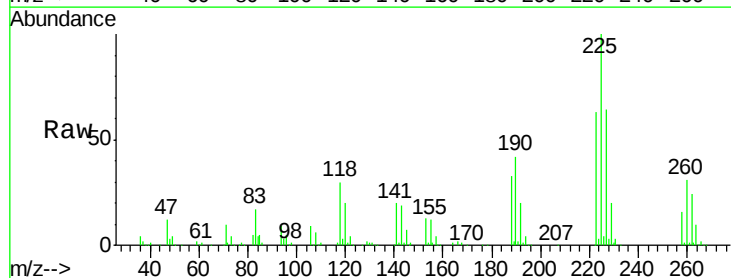


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

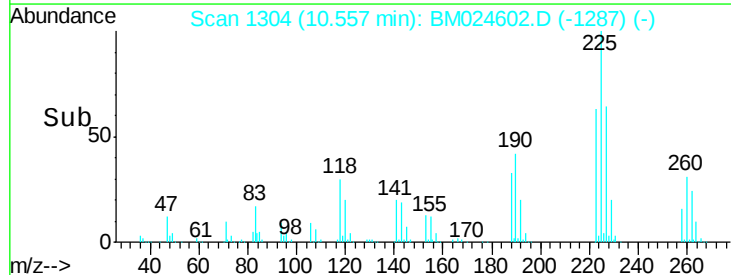
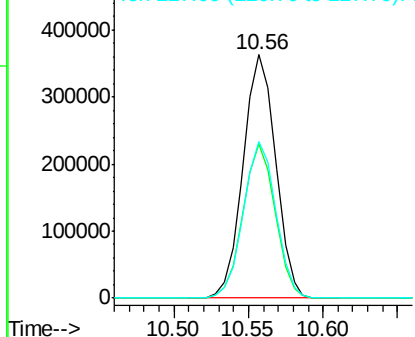


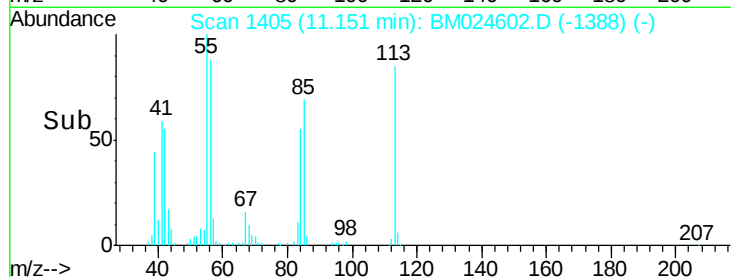
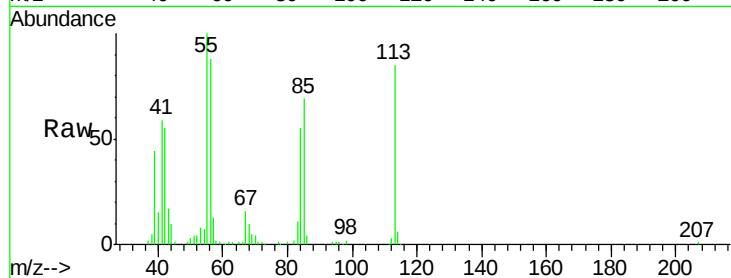
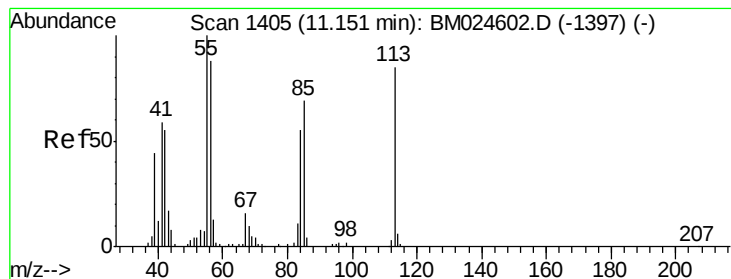
#34
Hexachlorobutadiene
Concen: 43.718 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:	225	Resp:	549484
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	64.2	51.4	77.0



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





#35

Caprolactam

Concen: 43.106 ng

RT: 11.15 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampled :

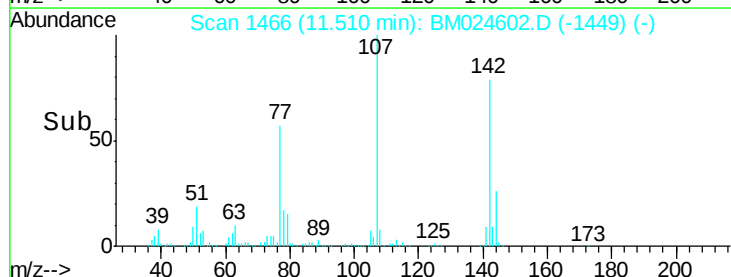
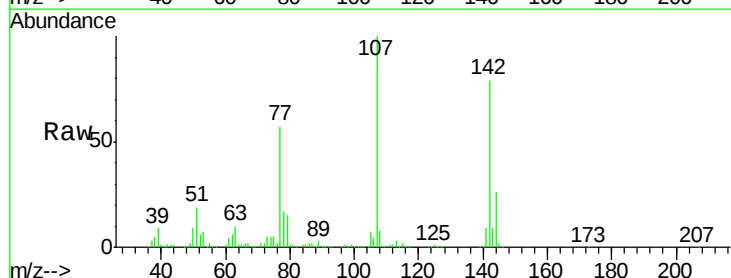
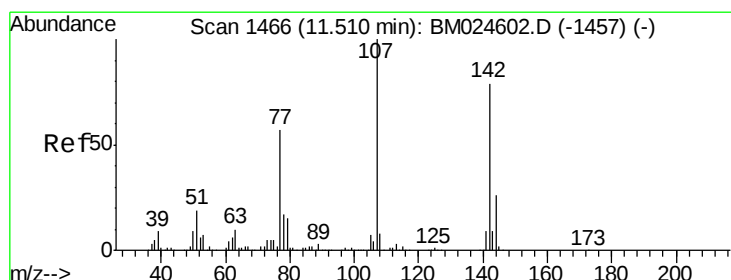
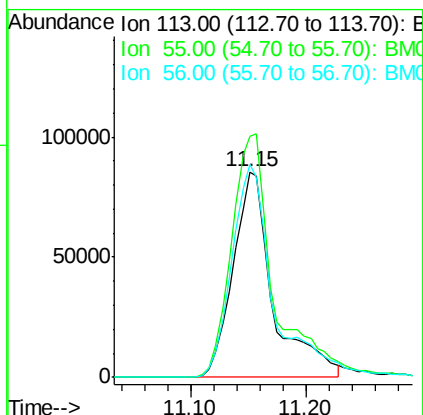
Tot Ion:113 Resp: 205225

Ion Ratio Lower Upper

113 100

55 117.5 97.5 137.5

56 103.4 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 42.850 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

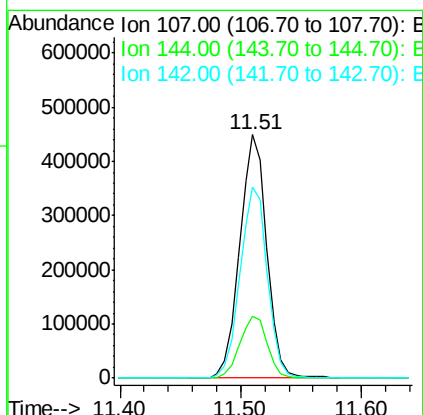
Tgt Ion:107 Resp: 701579

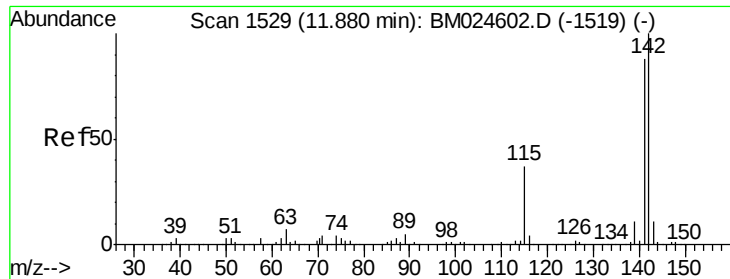
Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

142 78.5 62.8 94.2

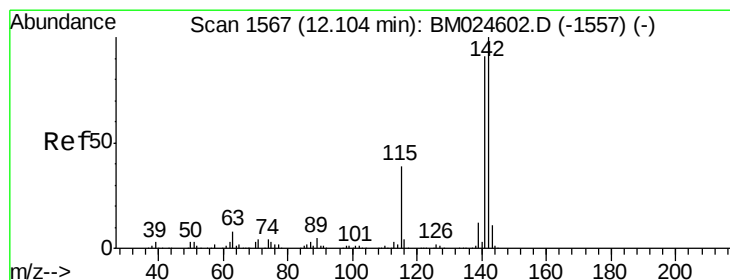
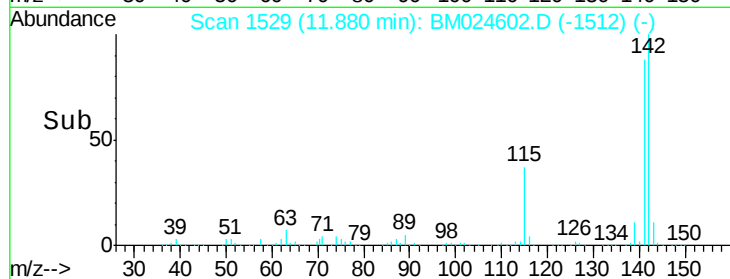
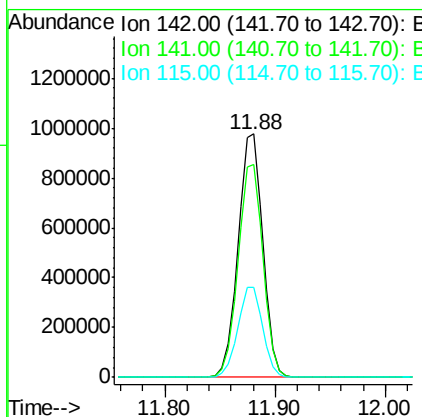
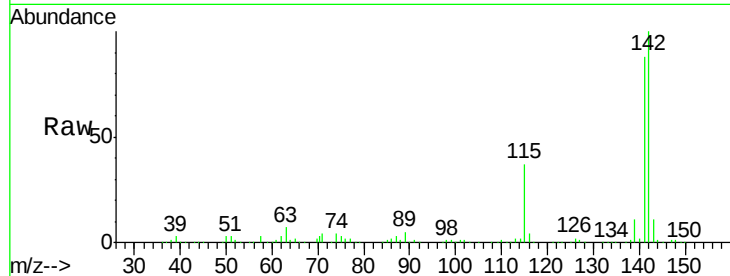




#37
2-Methylnaphthalene
Concen: 40.063 ng
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

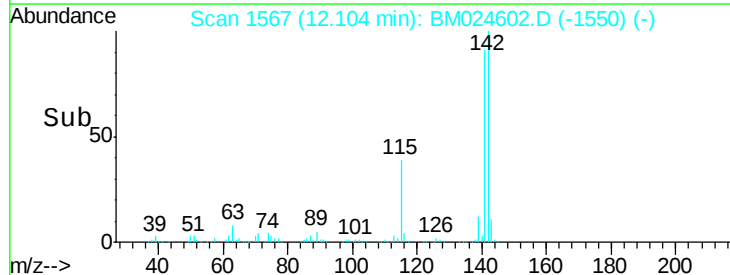
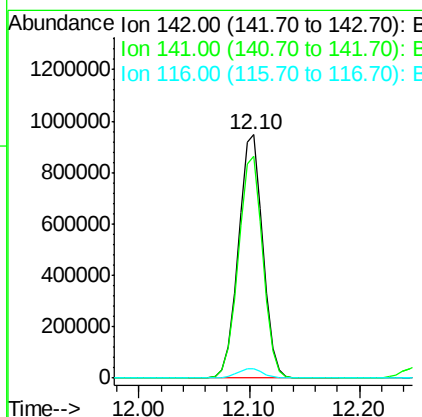
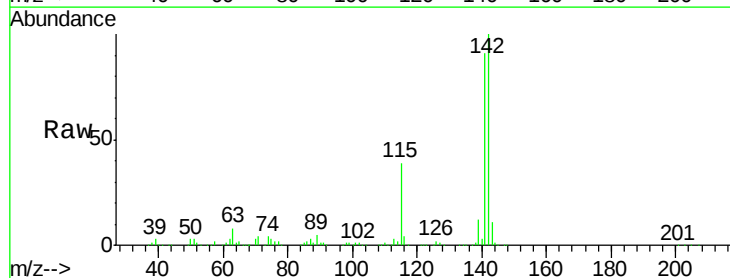
Instrument :
BNA_M
ClientSampleId :

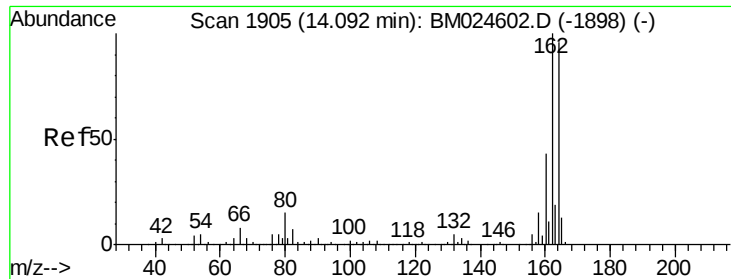
Tot Ion:142 Resp: 1540208
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2
115 37.1 29.7 44.5



#38
1-Methylnaphthalene
Concen: 39.992 ng
RT: 12.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:142 Resp: 1464803
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

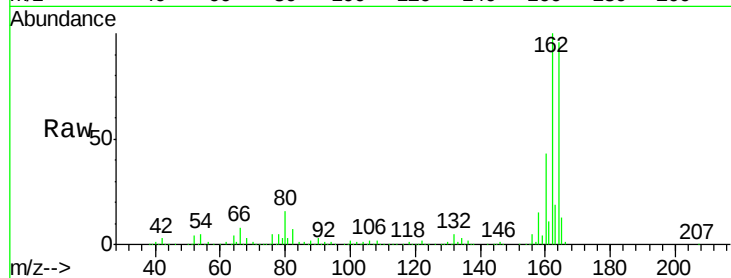
Tot Ion:164 Resp: 677540

Ion Ratio Lower Upper

164 100

162 103.6 82.9 124.3

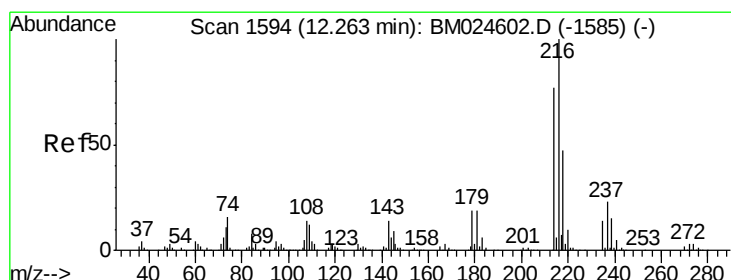
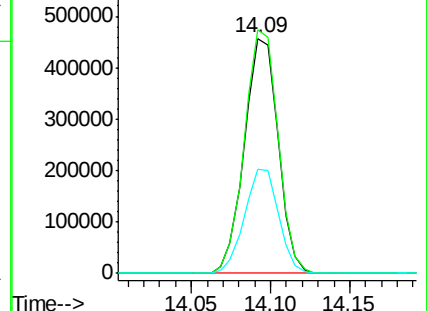
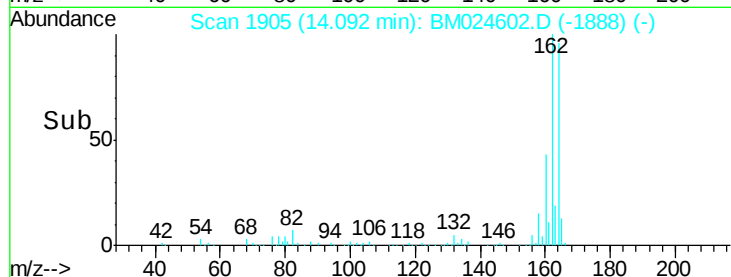
160 44.4 35.5 53.3



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: 41.891 ng

RT: 12.26 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:216 Resp: 991588

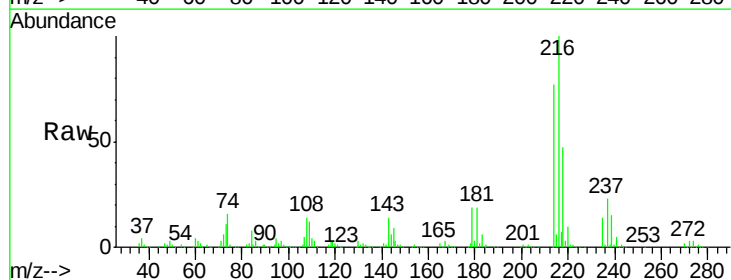
Ion Ratio Lower Upper

216 100

214 77.9 62.3 93.5

179 20.1 16.1 24.1

108 16.3 13.0 19.6

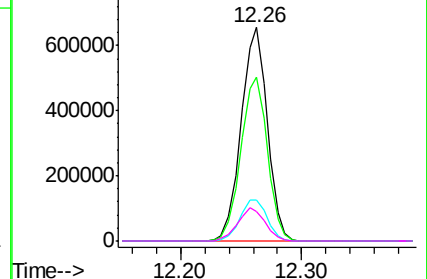
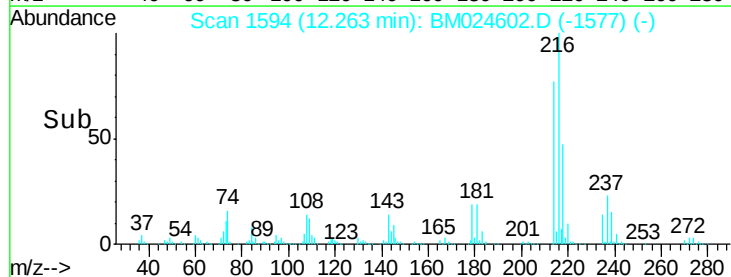


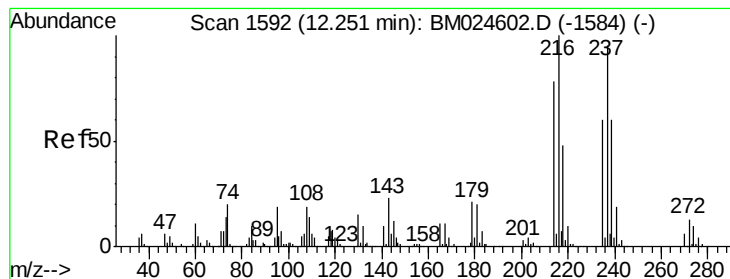
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.124 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

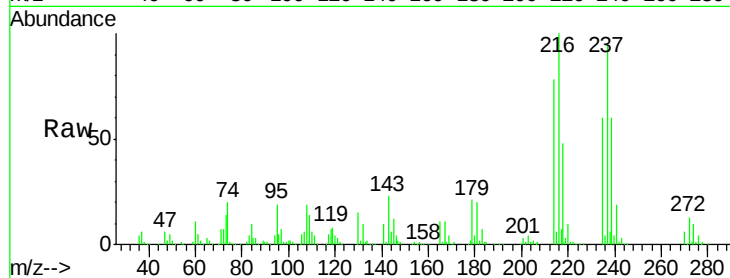
Tot Ion:237 Resp: 563519

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

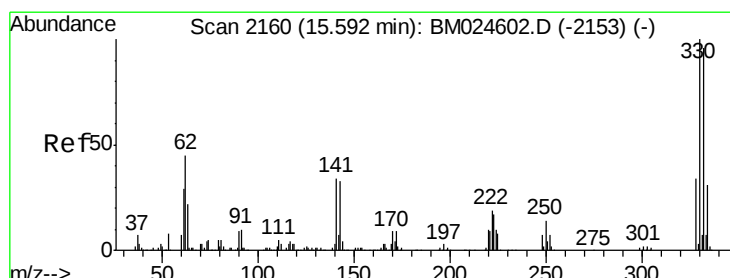
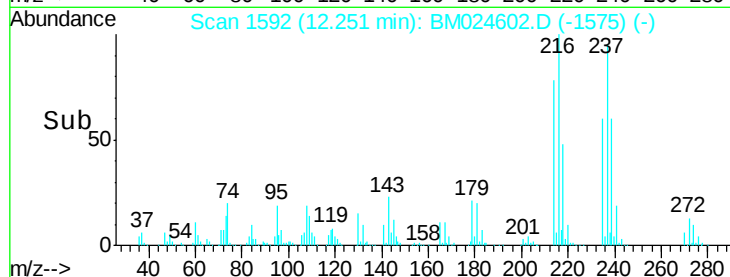
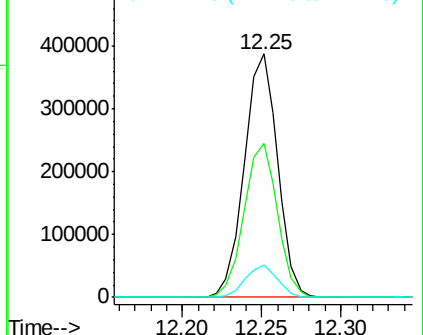
272 13.4 0.0 33.4



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: 95.884 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

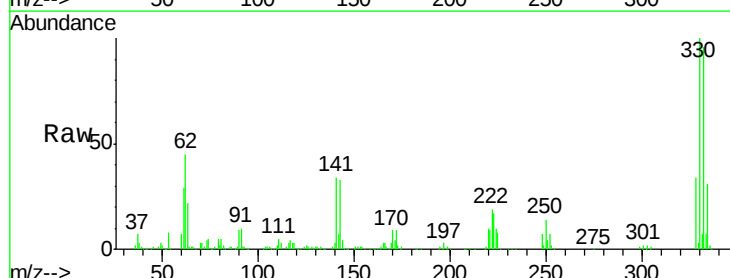
Tgt Ion:330 Resp: 893476

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

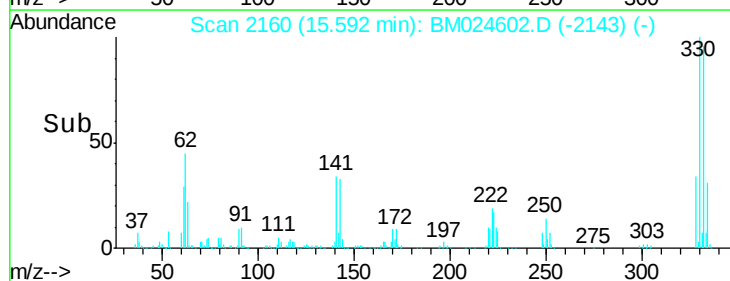
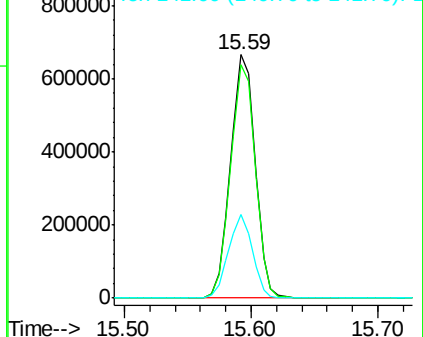
141 33.5 26.9 40.3

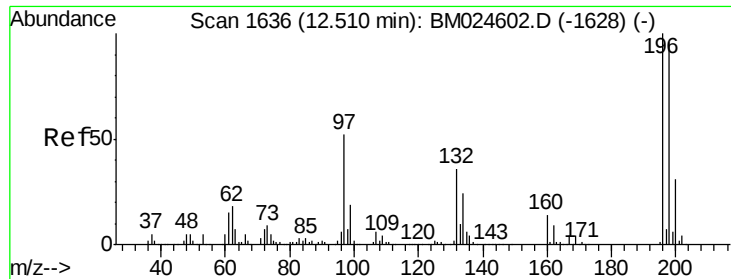


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

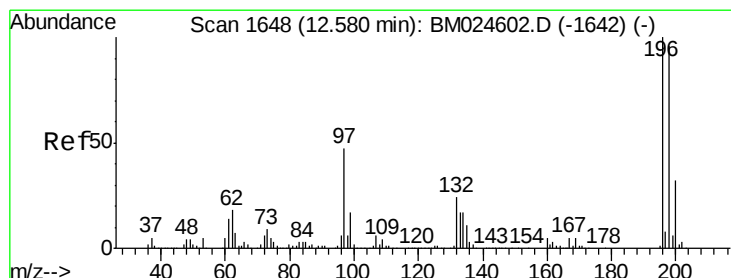
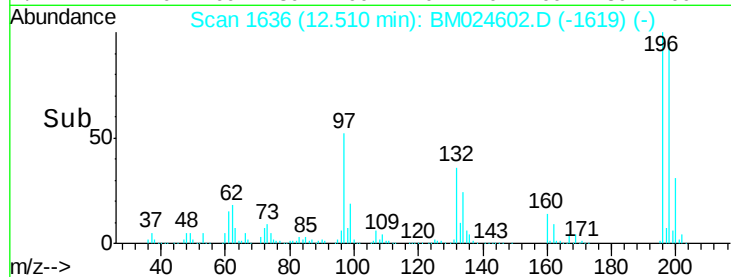
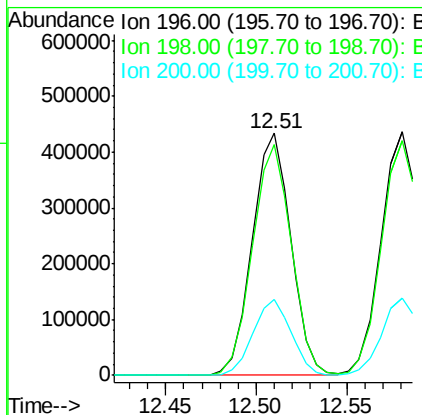
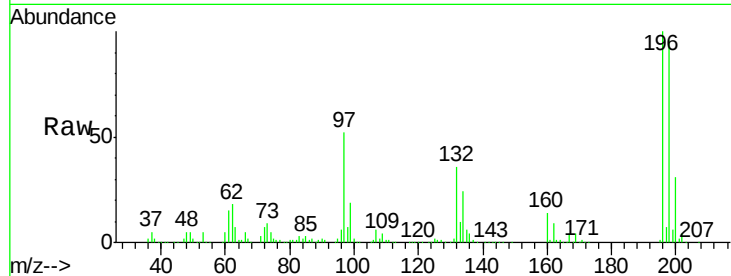




#43
 2,4,6-Trichlorophenol
 Concen: 47.646 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

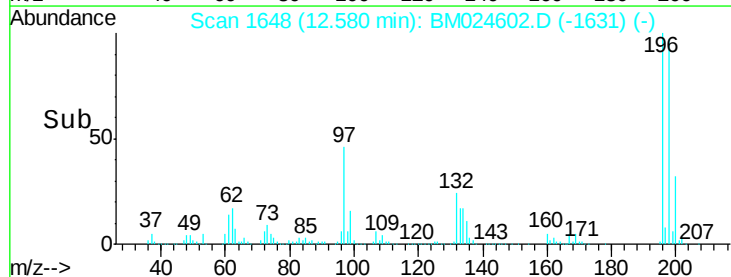
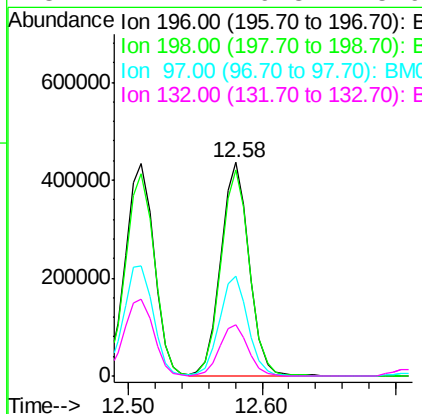
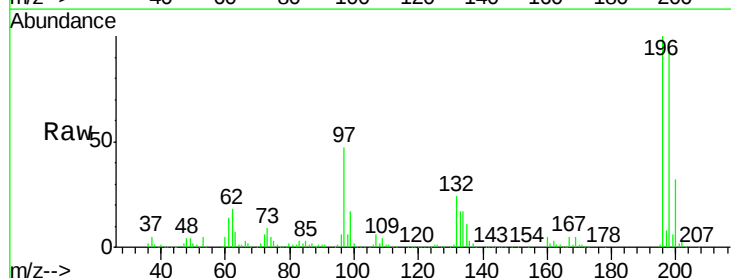
Instrument :
 BNA_M
 ClientSampled :

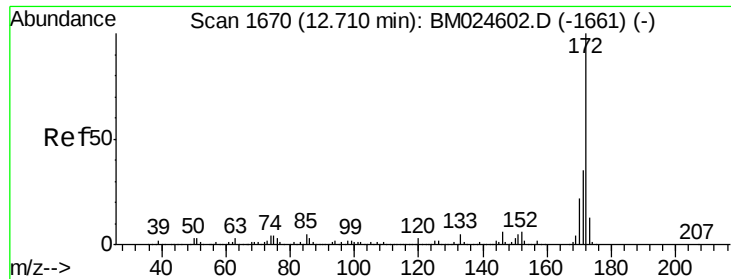
Tot Ion:196 Resp: 642379
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.5 114.7
 200 31.3 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.521 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

Tgt Ion:196 Resp: 645987
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.2 115.8
 97 46.7 37.4 56.0
 132 24.1 19.3 28.9

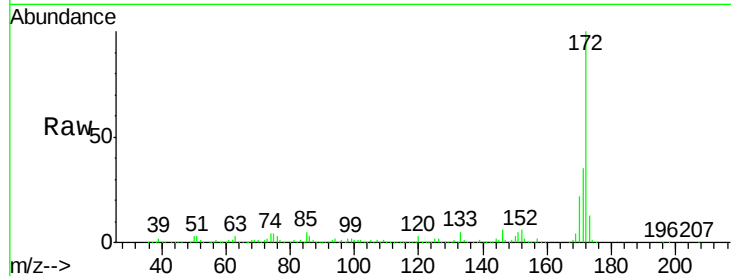




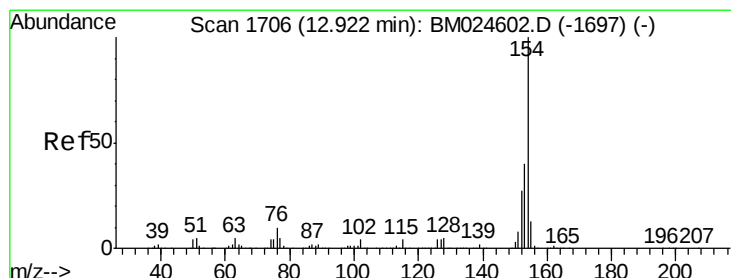
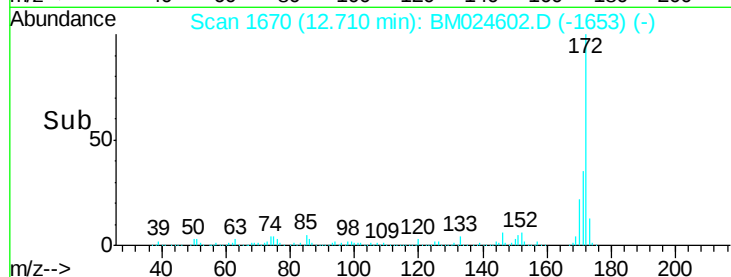
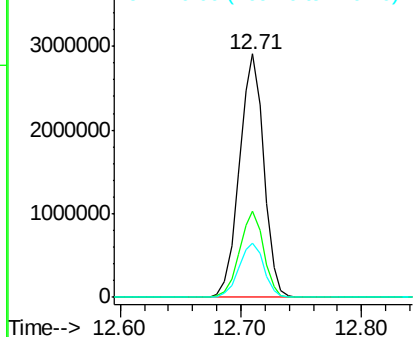
#45
2-Fluorobiphenyl
Concen: 81.077 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4103501
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.4 17.9 26.9

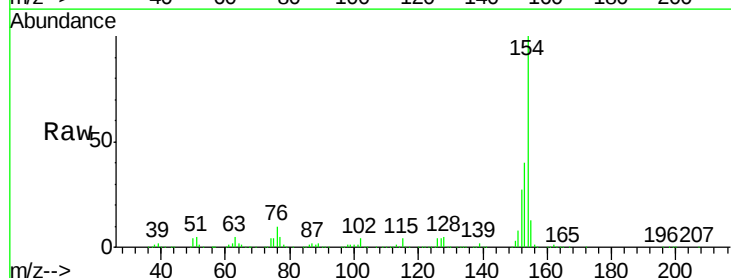


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

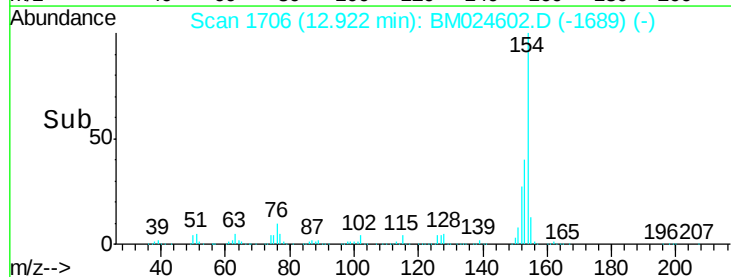
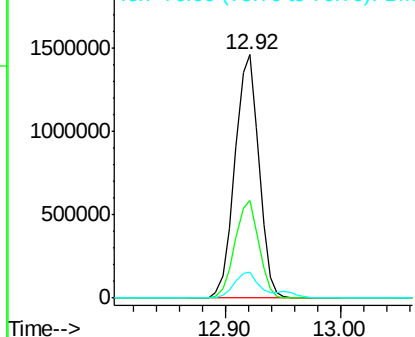


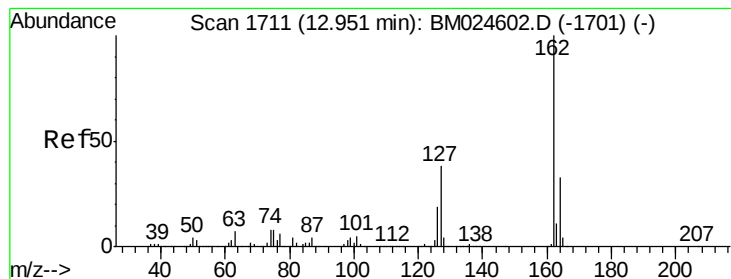
#46
1,1'-Biphenyl
Concen: 38.674 ng
RT: 12.92 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:154 Resp: 2106095
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 10.5 0.0 30.5



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





#47

2-Chloronaphthalene

Concen: 38.591 ng

RT: 12.95 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

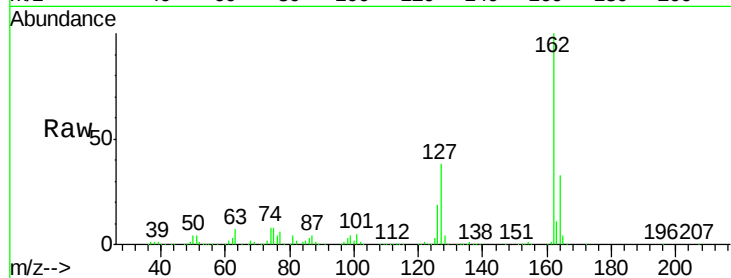
Tot Ion:162 Resp: 1703333

Ion Ratio Lower Upper

162 100

127 38.0 30.4 45.6

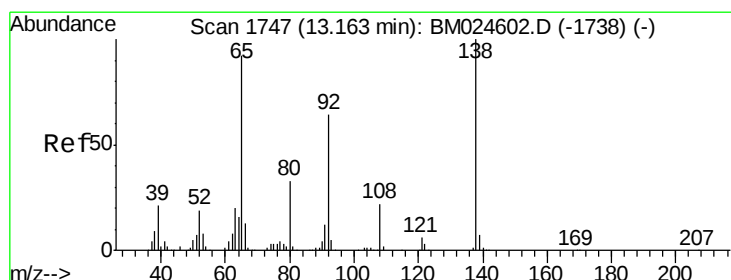
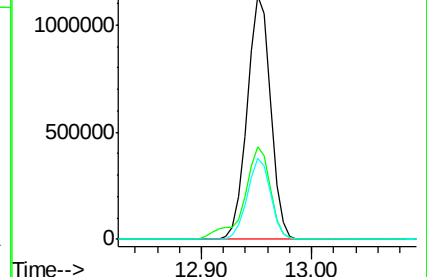
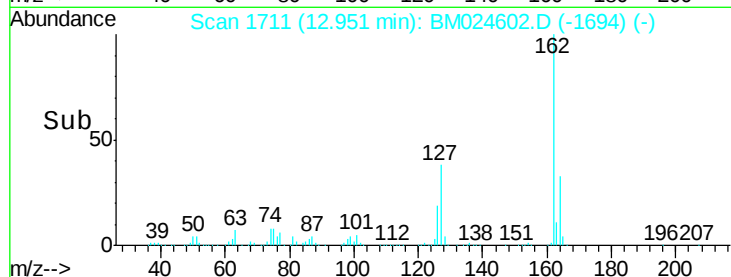
164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.315 ng

RT: 13.16 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

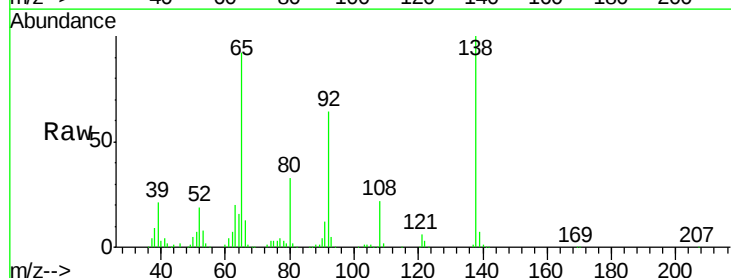
Tgt Ion: 65 Resp: 526634

Ion Ratio Lower Upper

65 100

92 69.3 55.4 83.2

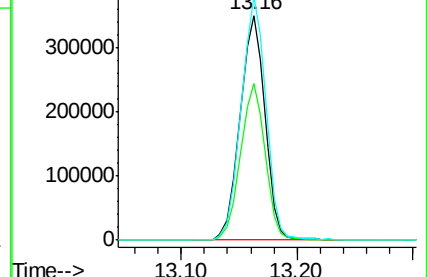
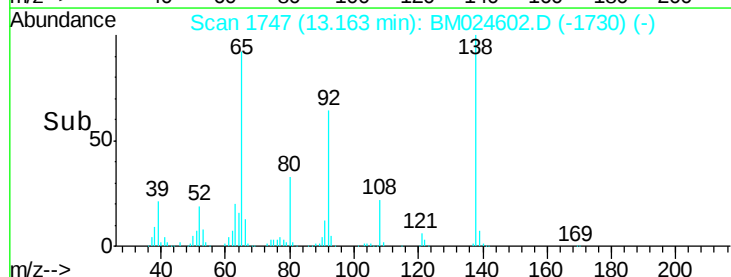
138 108.2 86.6 129.8

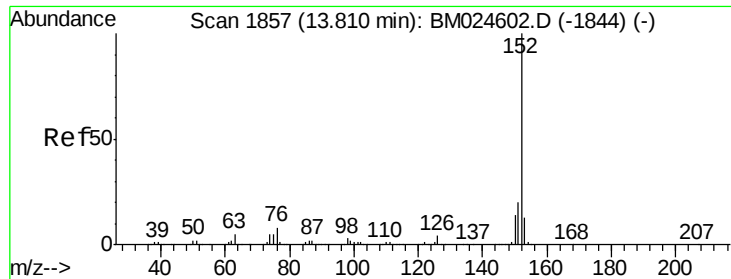


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.076 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

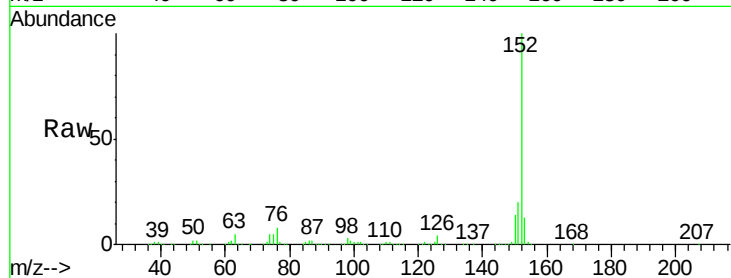
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 2544510

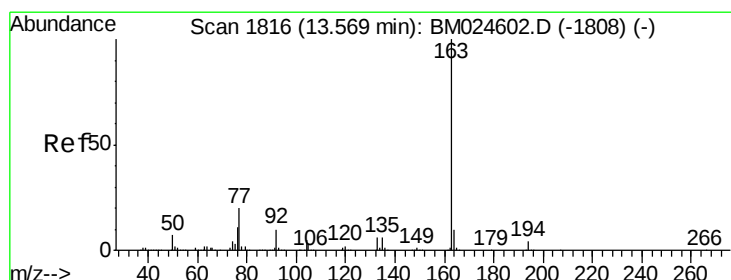
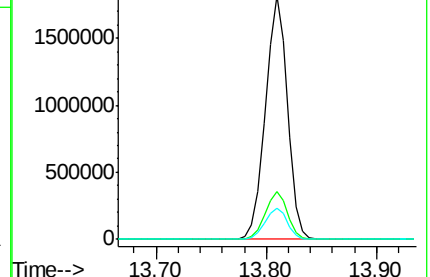
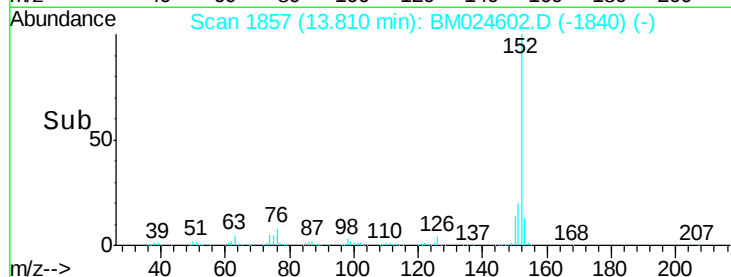
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6



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: 40.076 ng

RT: 13.57 min Scan# 1816

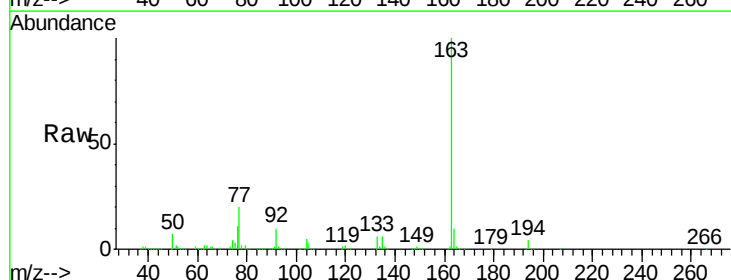
Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:163 Resp: 2250855

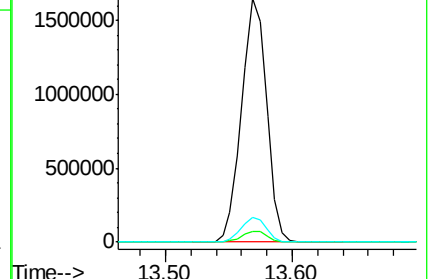
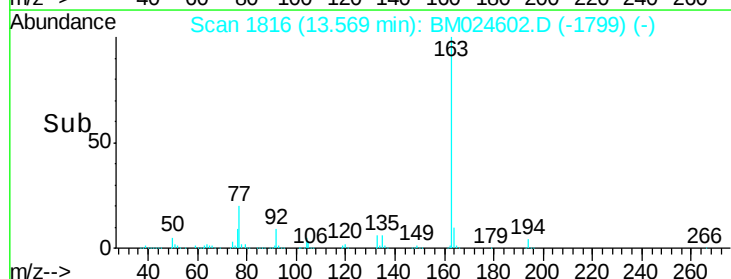
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.0	12.0

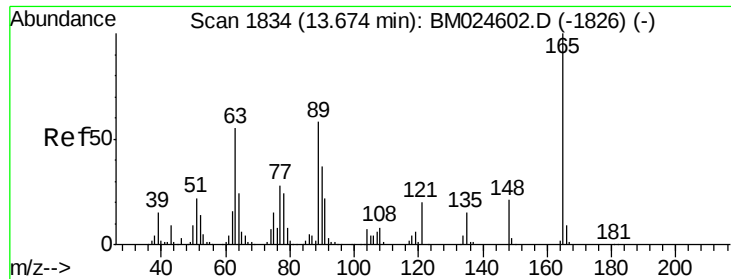


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

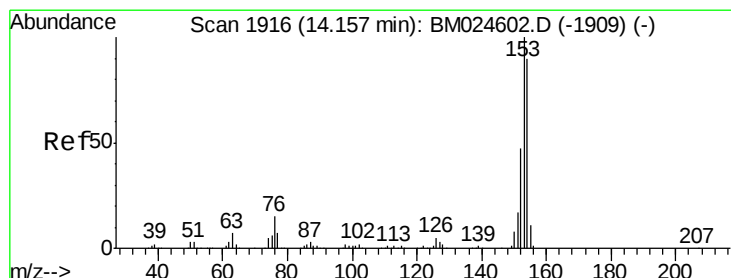
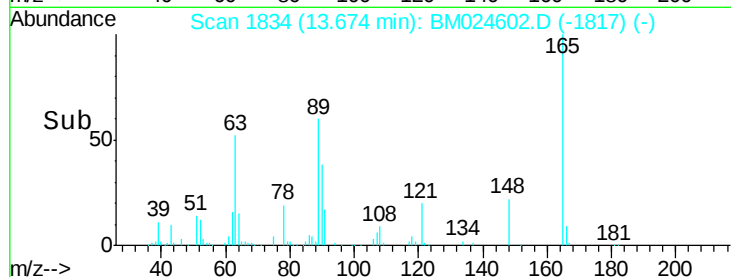
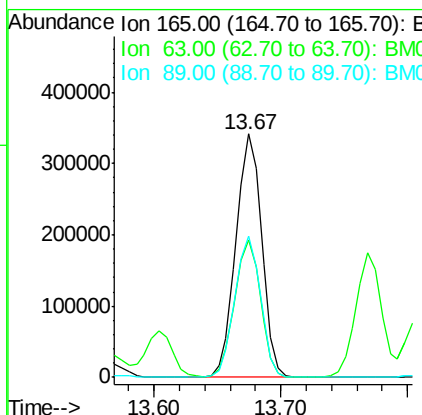
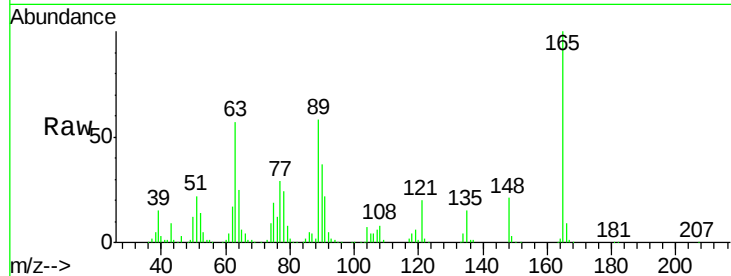




#51
 2,6-Dinitrotoluene
 Concen: 40.128 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

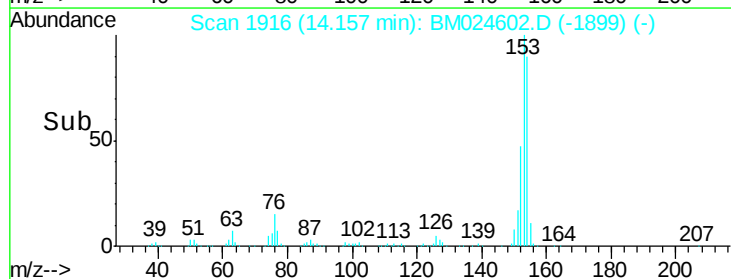
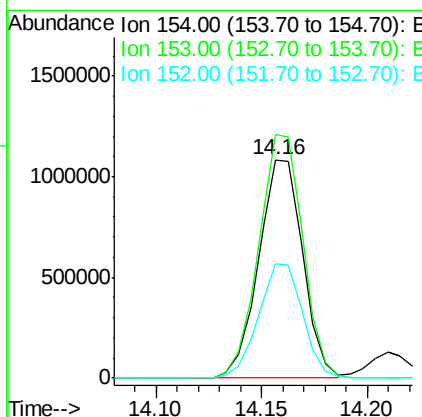
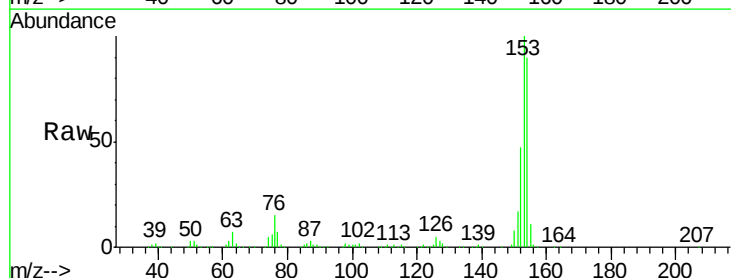
Instrument :
 BNA_M
 ClientSampleId :

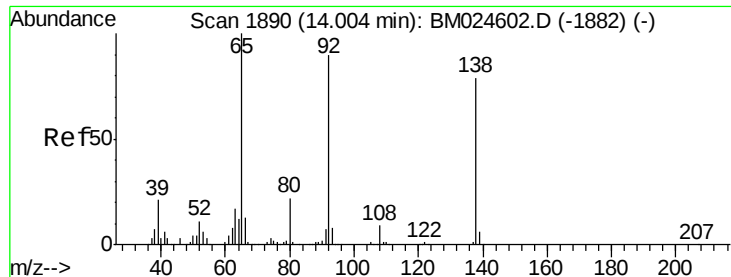
Tot Ion:165 Resp: 480693
 Ion Ratio Lower Upper
 165 100
 63 56.7 45.4 68.0
 89 58.2 46.6 69.8



#52
 Acenaphthene
 Concen: 38.575 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

Tgt Ion:154 Resp: 1576211
 Ion Ratio Lower Upper
 154 100
 153 111.4 89.1 133.7
 152 52.4 41.9 62.9

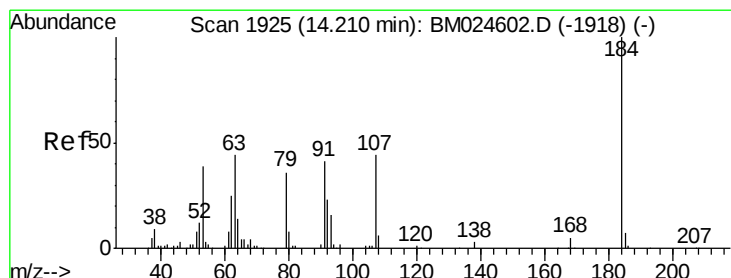
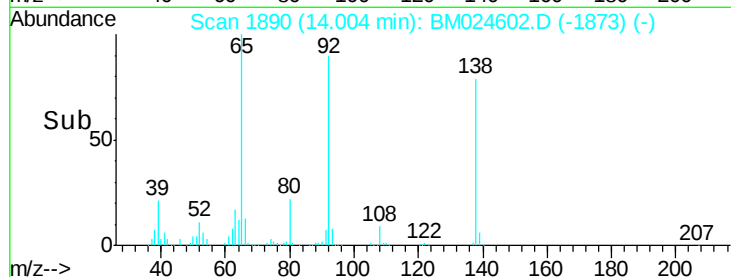
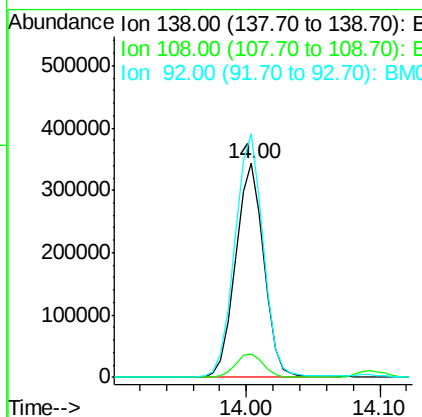
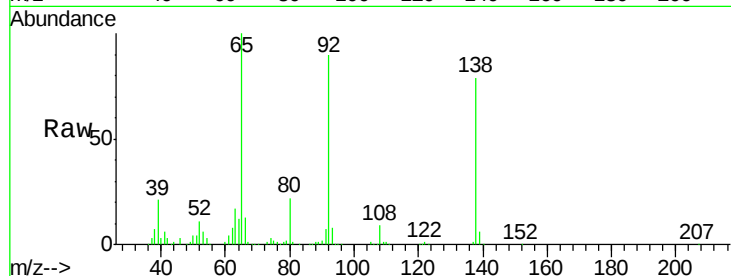




#53
3-Nitroaniline
Concen: 38.806 ng
RT: 14.00 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

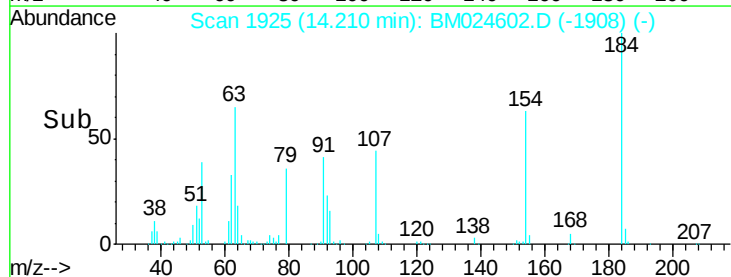
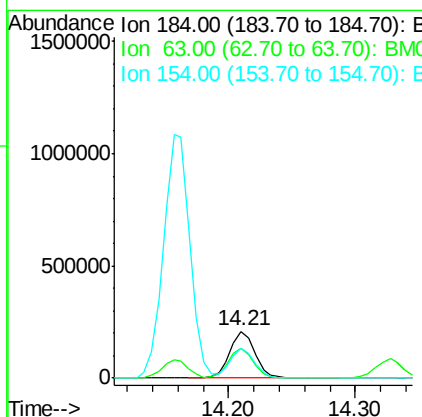
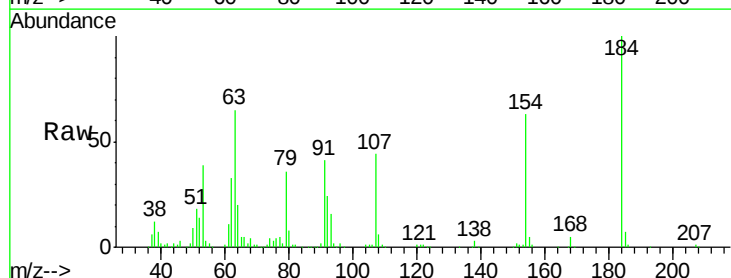
Instrument :
BNA_M
ClientSampleId :

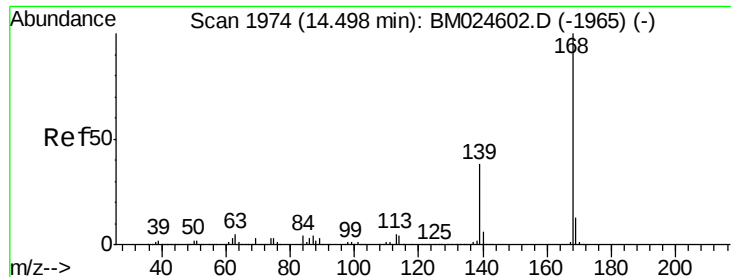
Tot Ion:138 Resp: 507409
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 113.7 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 59.265 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:184 Resp: 287056
Ion Ratio Lower Upper
184 100
63 64.8 51.8 77.8
154 62.8 50.2 75.4

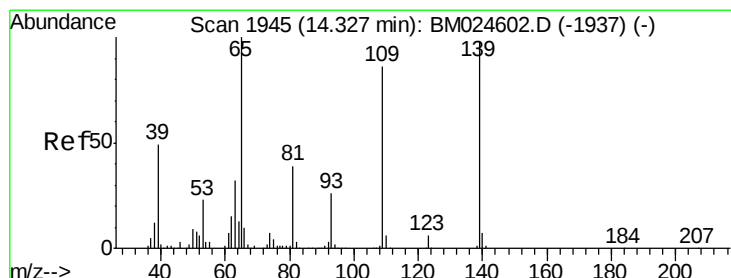
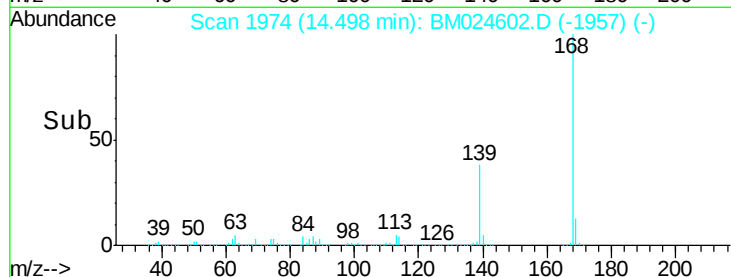
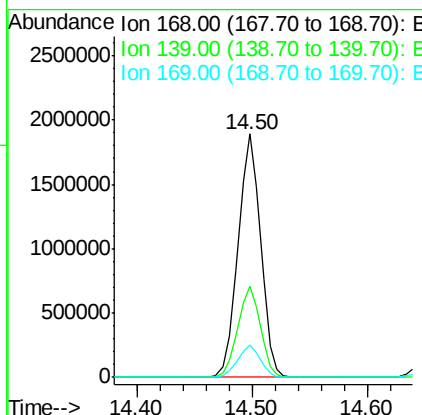
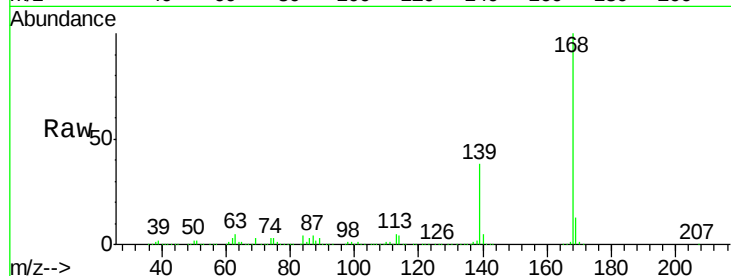




#55
Dibenzofuran
Concen: 38.736 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

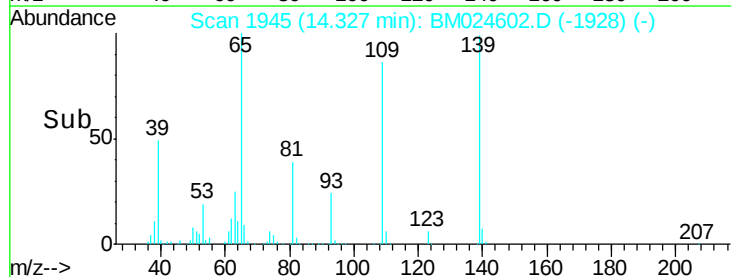
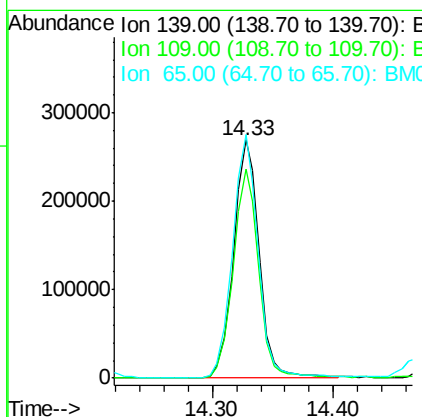
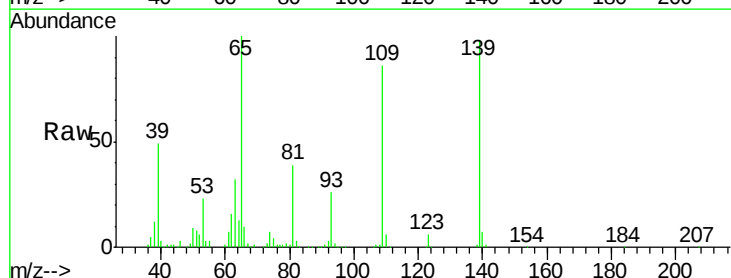
Instrument :
BNA_M
ClientSampleId :

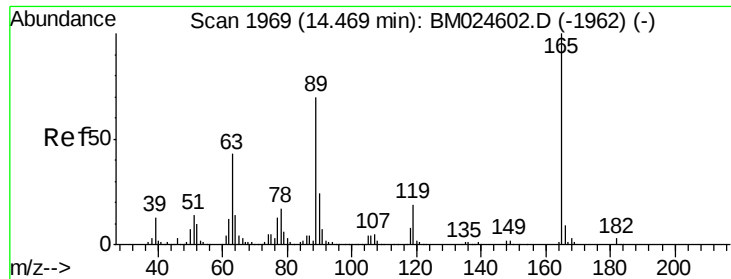
Tot Ion:168 Resp: 2561806
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 40.885 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:139 Resp: 396952
Ion Ratio Lower Upper
139 100
109 87.4 67.4 107.4
65 102.1 82.1 122.1

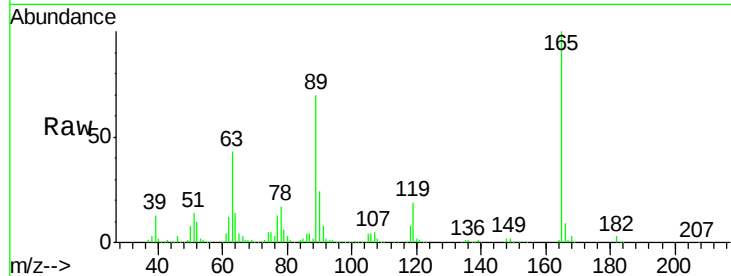




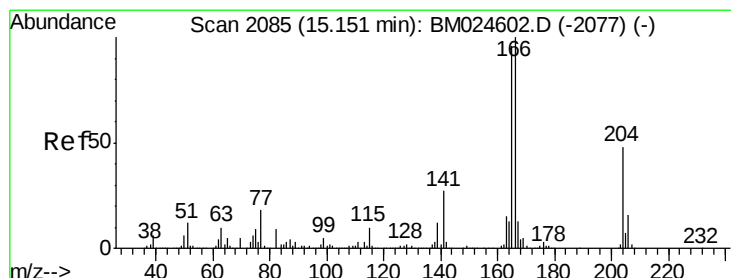
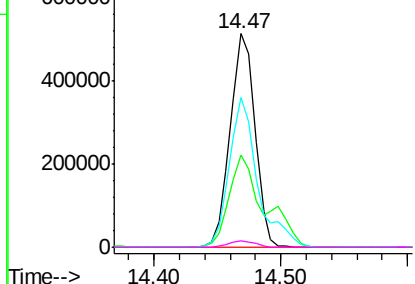
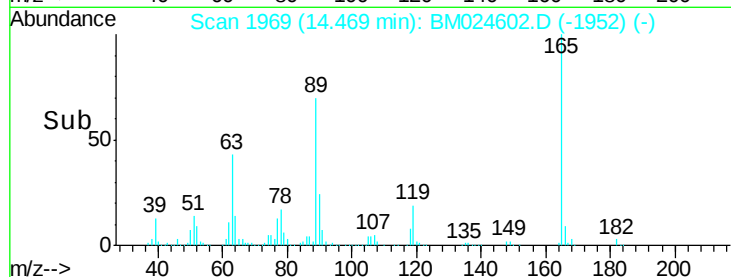
#57
 2,4-Dinitrotoluene
 Concen: 40.565 ng
 RT: 14.47 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 693722
 Ion Ratio Lower Upper
 165 100
 63 43.1 34.5 51.7
 89 69.8 55.8 83.8
 182 2.9 2.3 3.5

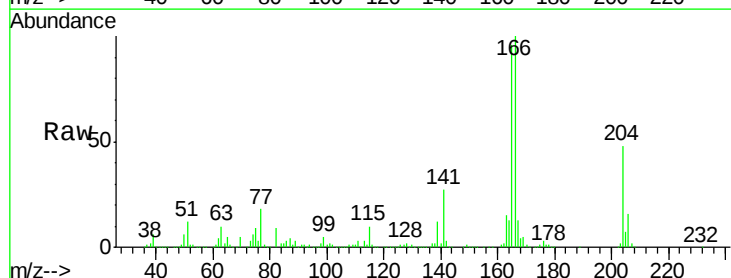


Abundance Ion 165.00 (164.70 to 165.70): E
 800000
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

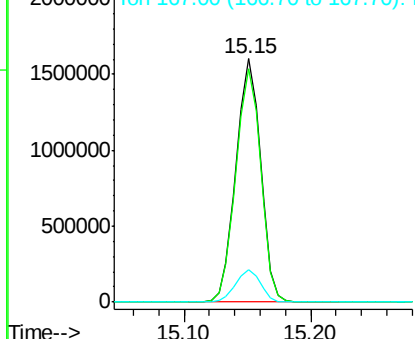
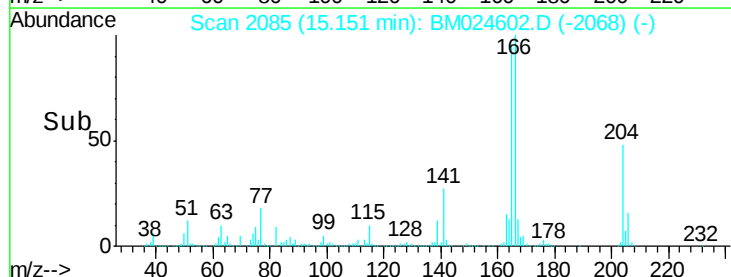


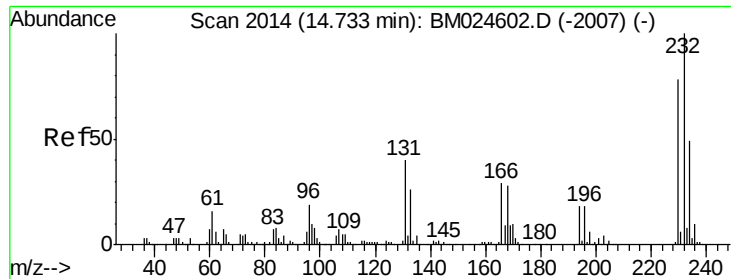
#58
 Fluorene
 Concen: 38.802 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM024602.D
 Acq: 23 Jan 2020 11:46

Tgt Ion:166 Resp: 2163879
 Ion Ratio Lower Upper
 166 100
 165 95.7 76.6 114.8
 167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 2000000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

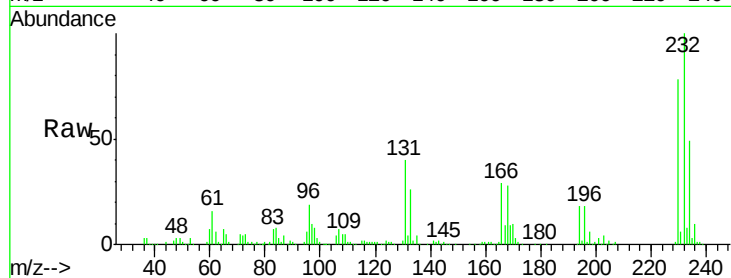




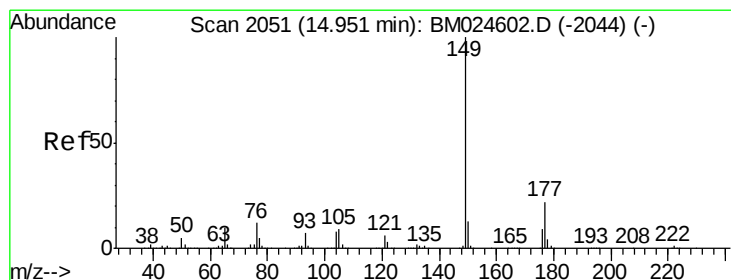
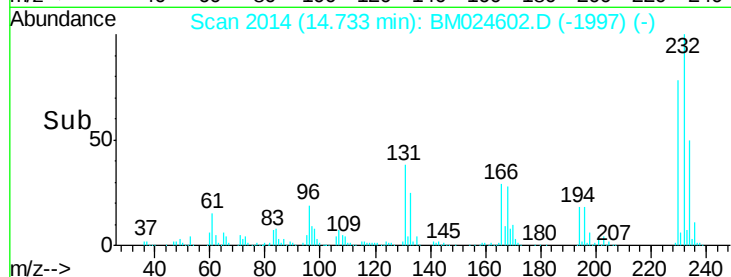
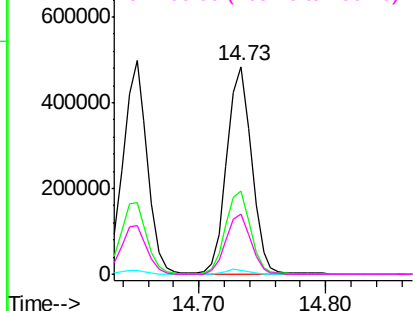
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.243 ng
RT: 14.73 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 651171
Ion Ratio Lower Upper
232 100
131 40.2 32.2 48.4
130 2.4 1.9 2.9
166 29.2 23.4 35.0

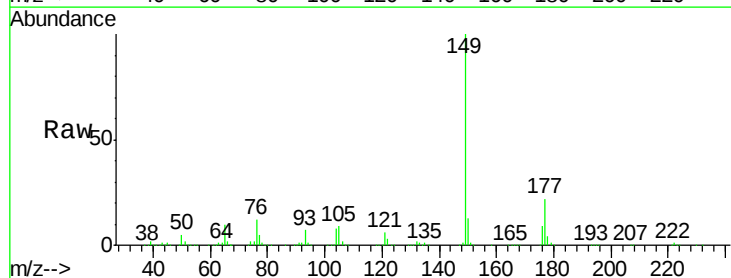


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

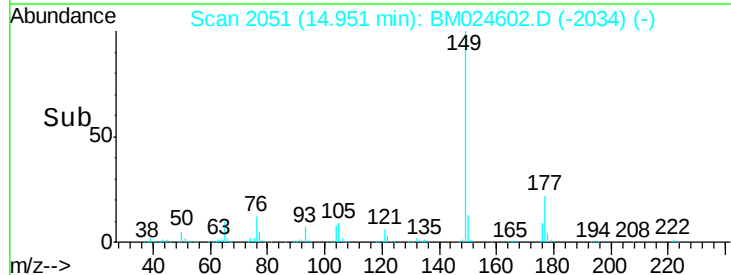
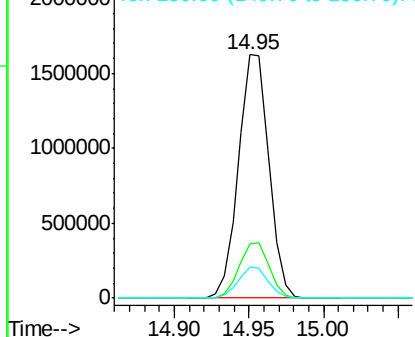


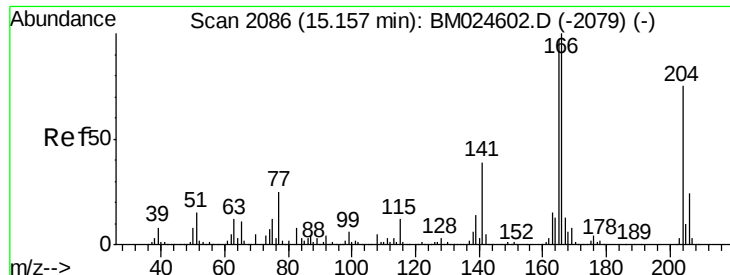
#60
Diethylphthalate
Concen: 39.621 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:149 Resp: 2296448
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4



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

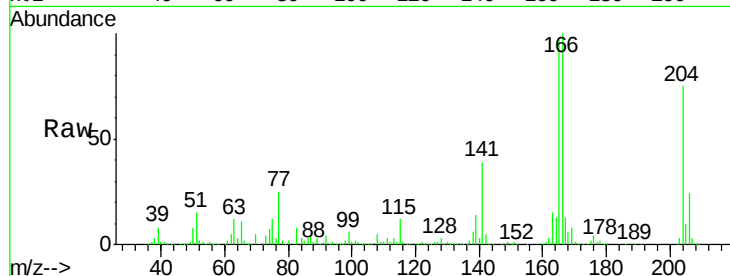




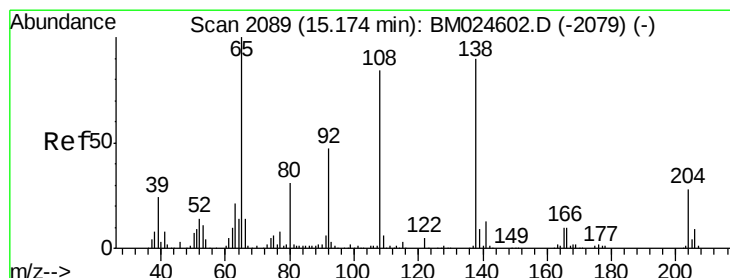
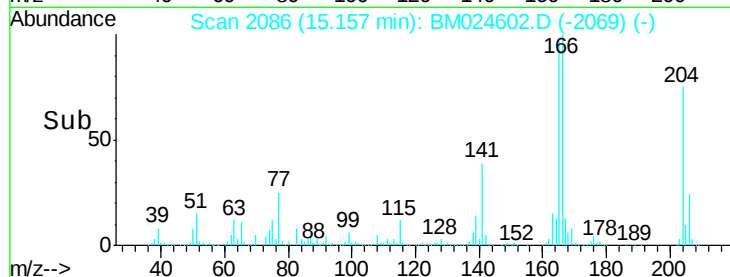
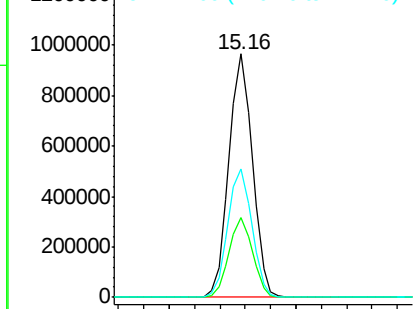
#61
4-Chlorophenyl-phenylether
Concen: 40.774 ng
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1242801
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 52.7 42.2 63.2

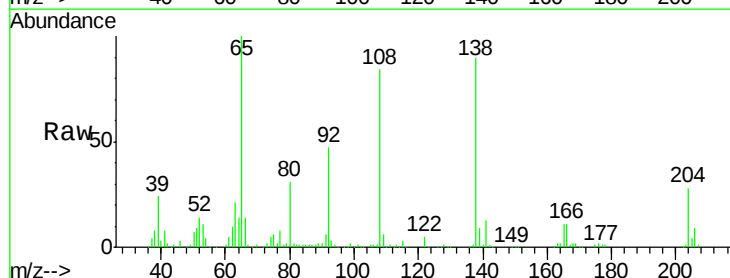


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

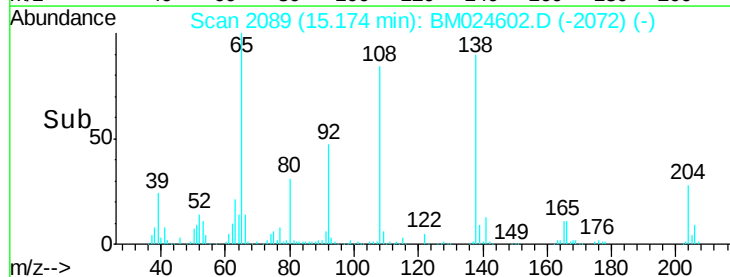
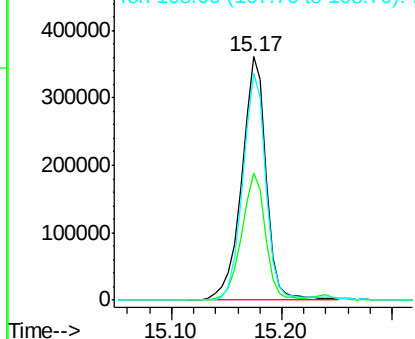


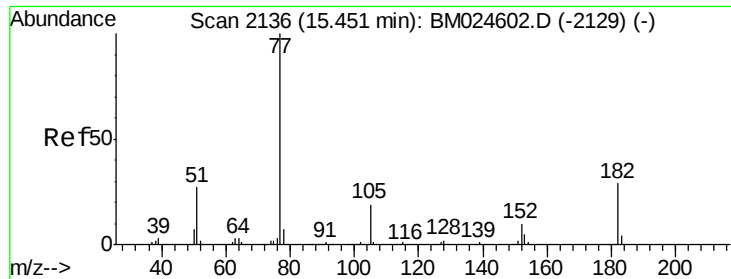
#62
4-Nitroaniline
Concen: 37.859 ng
RT: 15.17 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:138 Resp: 559937
Ion Ratio Lower Upper
138 100
92 52.4 32.4 72.4
108 93.3 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

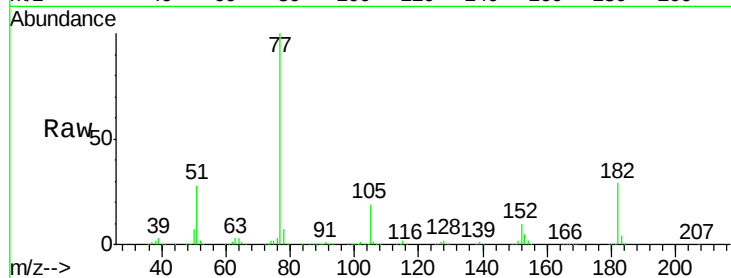




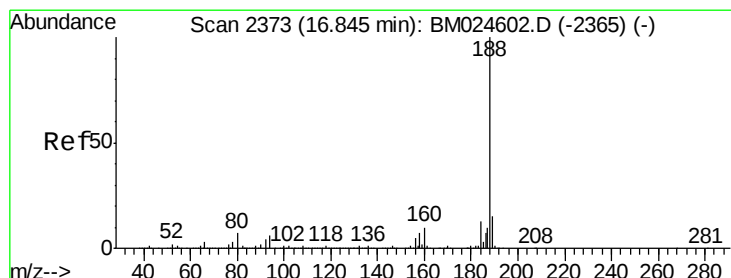
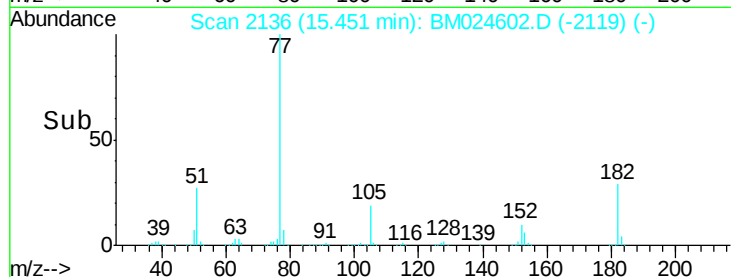
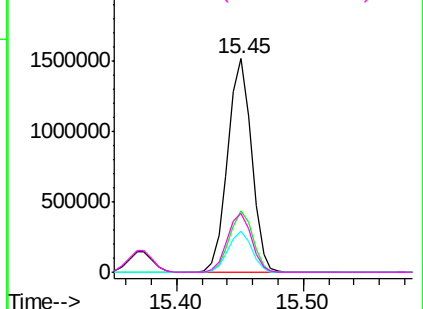
#63
Azobenzene
Concen: 37.734 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1960146
Ion Ratio Lower Upper
77 100
182 28.7 8.7 48.7
105 19.2 0.0 39.2
51 27.5 7.5 47.5

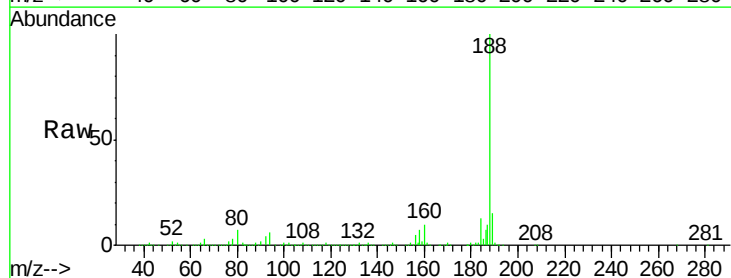


Abundance Ion 77.00 (76.70 to 77.70): BM024602.D (-2129) (-)
Ion 182.00 (181.70 to 182.70): BM024602.D (-2129) (-)
Ion 105.00 (104.70 to 105.70): BM024602.D (-2129) (-)
Ion 51.00 (50.70 to 51.70): BM024602.D (-2129) (-)

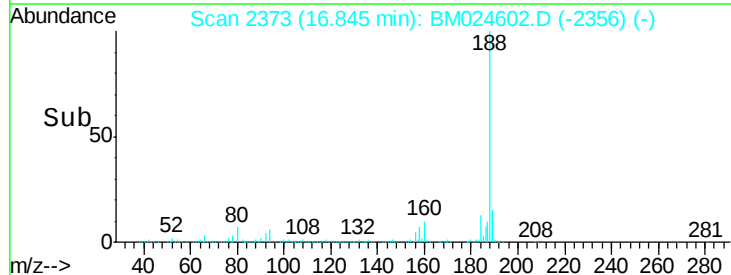
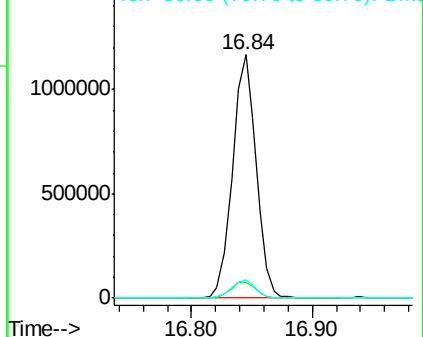


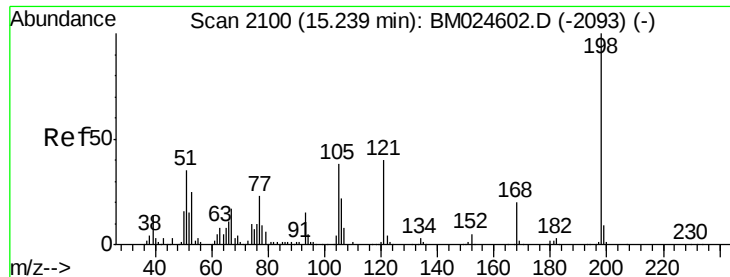
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion: 188 Resp: 1589144
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.6
80 7.3 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BM024602.D (-2365) (-)
Ion 94.00 (93.70 to 94.70): BM024602.D (-2365) (-)
Ion 80.00 (79.70 to 80.70): BM024602.D (-2365) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 56.730 ng

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

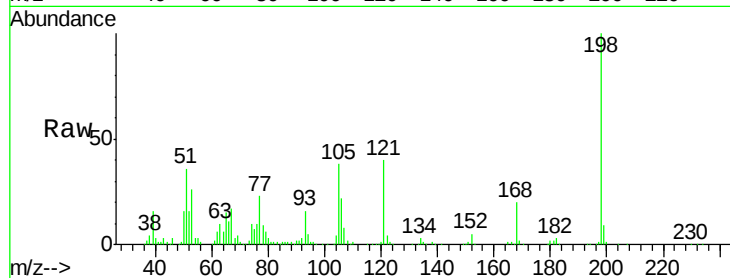
Tot Ion:198 Resp: 385673

Ion	Ratio	Lower	Upper
198	100		
51	35.8	15.8	55.8
105	38.5	18.5	58.5

198 100

51 35.8 15.8 55.8

105 38.5 18.5 58.5



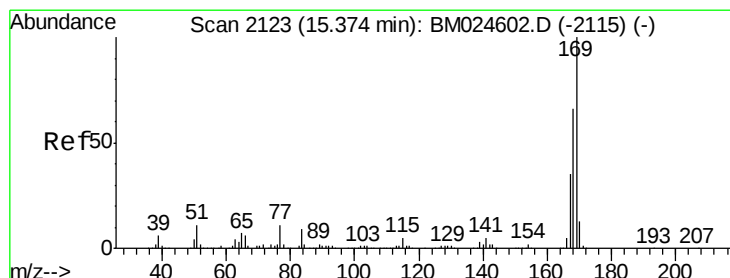
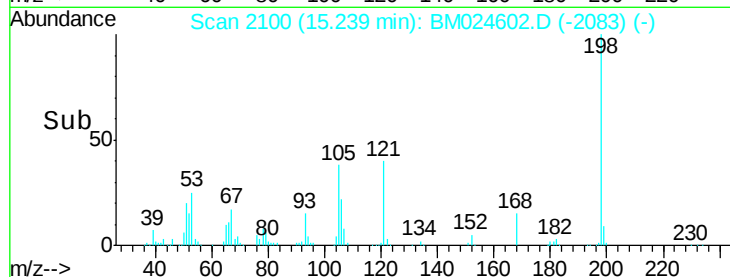
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM024602.D (-2093) (-)

Ion 105.00 (104.70 to 105.70): E

15.24

Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.426 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

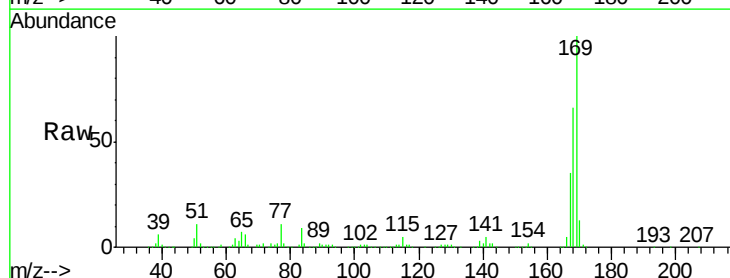
Tgt Ion:169 Resp: 1852786

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.8	79.2
167	35.2	28.2	42.2

169 100

168 66.0 52.8 79.2

167 35.2 28.2 42.2



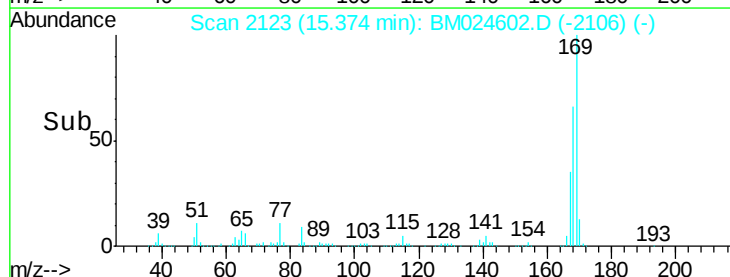
Abundance Ion 169.00 (168.70 to 169.70): E

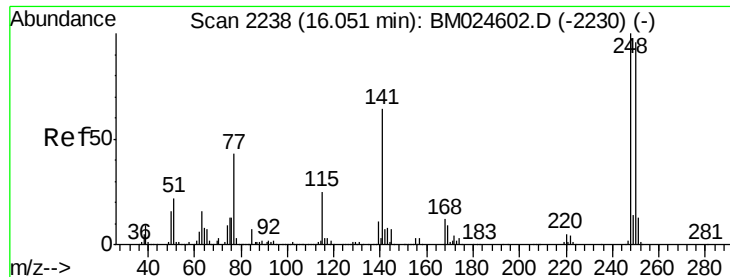
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.37

Time-->

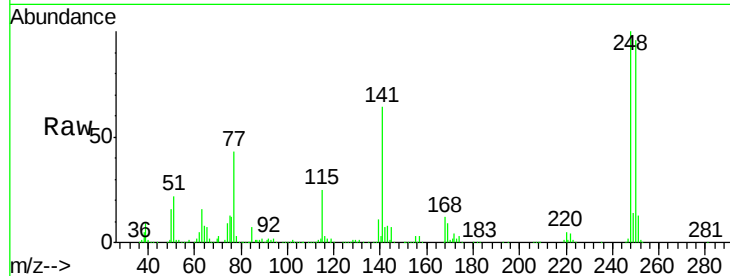




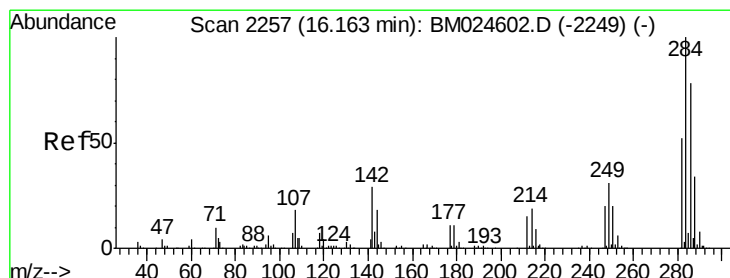
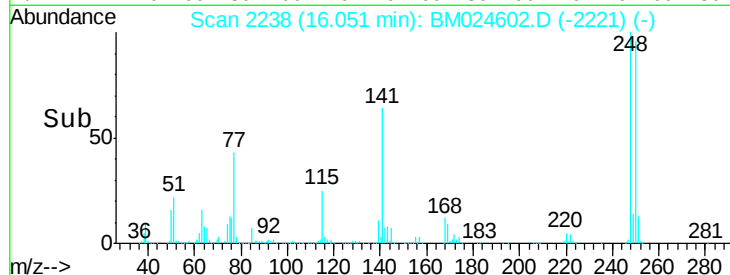
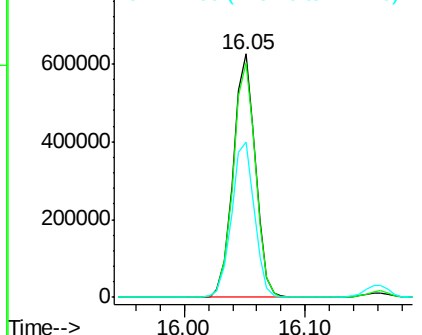
#67
4-Bromophenyl-phenylether
Concen: 41.723 ng
RT: 16.05 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 800065
Ion Ratio Lower Upper
248 100
250 96.3 77.0 115.6
141 63.6 50.9 76.3

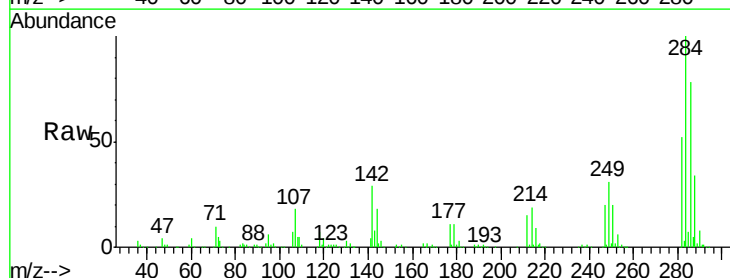


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

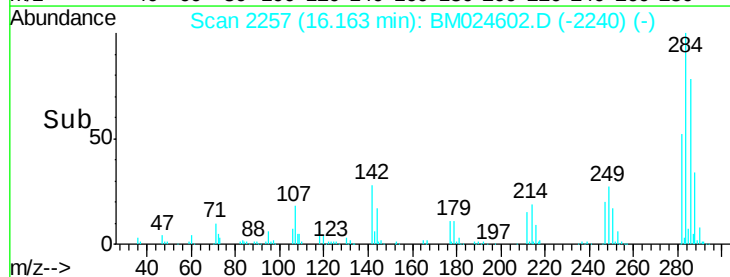
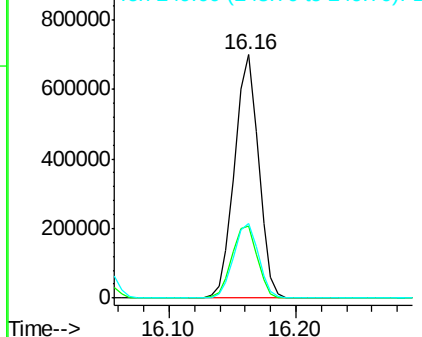


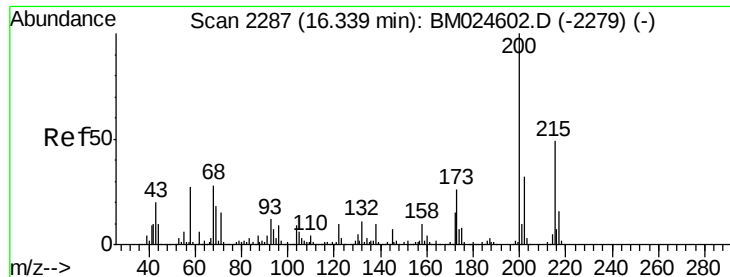
#68
Hexachlorobenzene
Concen: 40.919 ng
RT: 16.16 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:284 Resp: 913888
Ion Ratio Lower Upper
284 100
142 29.4 23.5 35.3
249 30.7 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: 56.253 ng

RT: 16.34 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

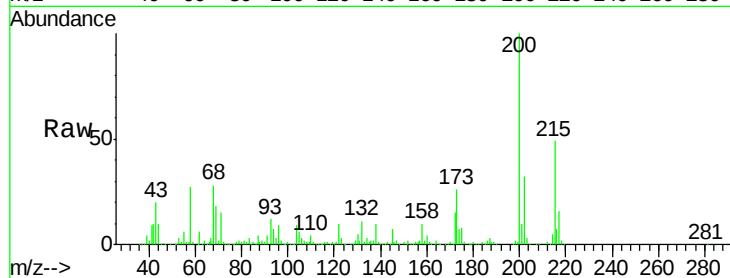
Tot Ion:200 Resp: 728551

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

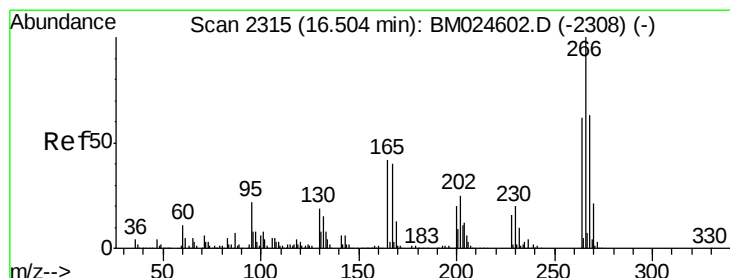
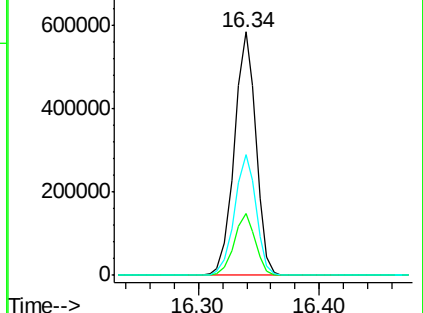
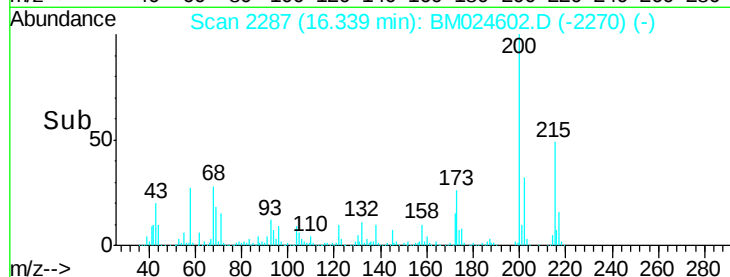
215 49.4 29.4 69.4



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: 50.036 ng

RT: 16.50 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

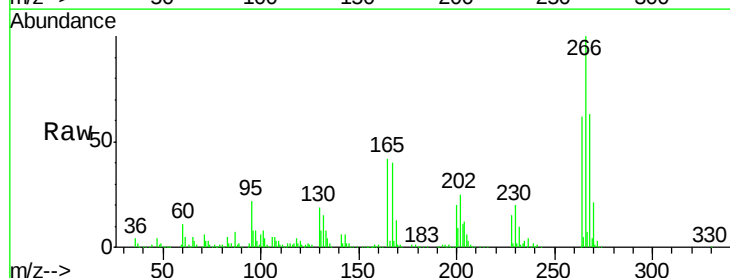
Tgt Ion:266 Resp: 564178

Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

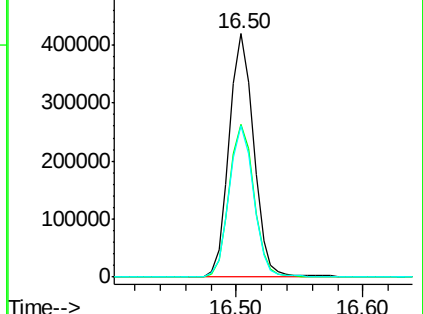
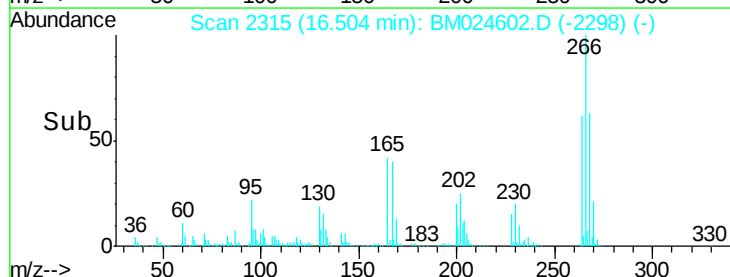
264 62.4 49.9 74.9

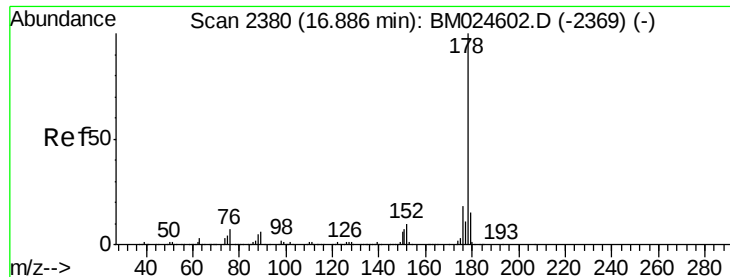


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

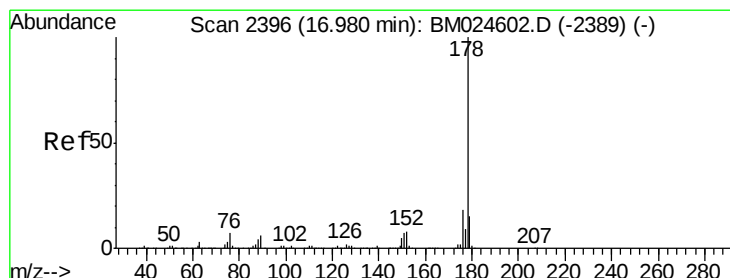
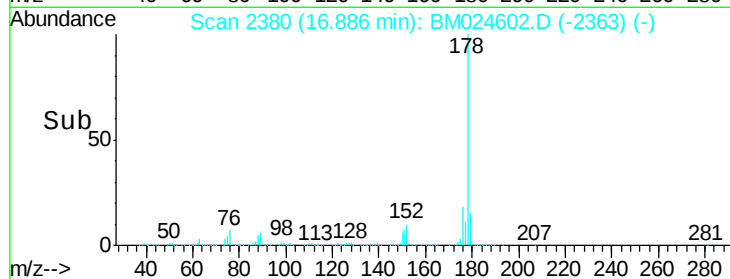
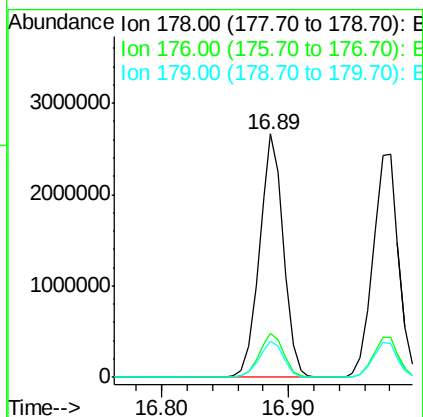
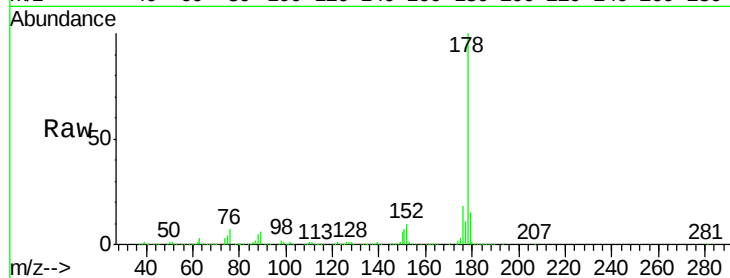




#71
Phenanthrene
Concen: 38.589 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

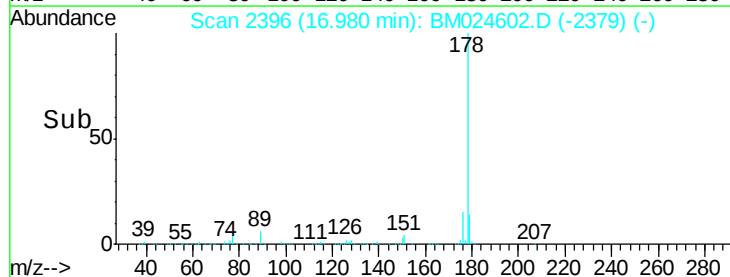
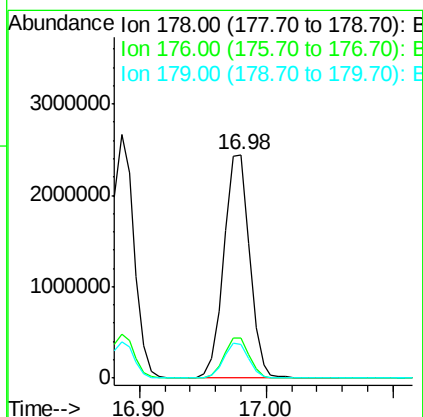
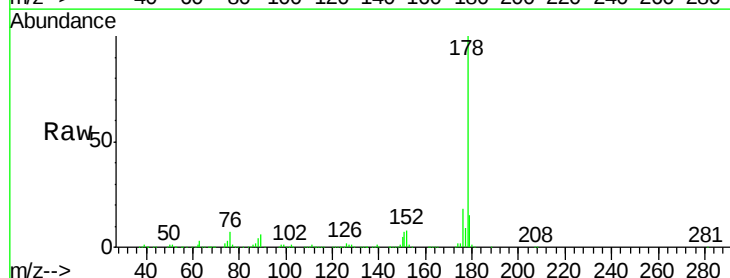
Instrument :
BNA_M
ClientSampleId :

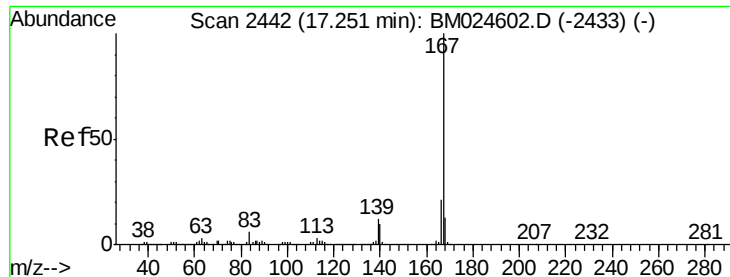
Tot Ion:178 Resp: 3498077
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 14.9 11.9 17.9



#72
Anthracene
Concen: 38.422 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM024602.D
Acq: 23 Jan 2020 11:46

Tgt Ion:178 Resp: 3413283
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 15.1 12.1 18.1





#73

Carbazole

Concen: 37.642 ng

RT: 17.25 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

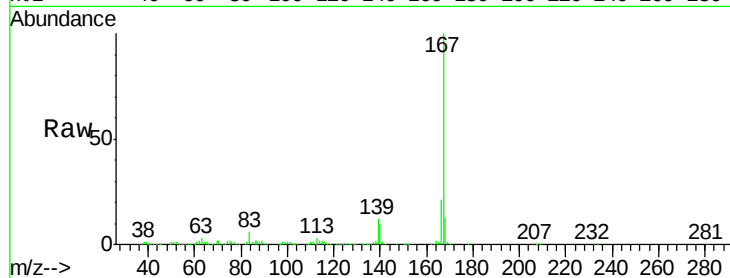
Tot Ion:167 Resp: 3126018

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

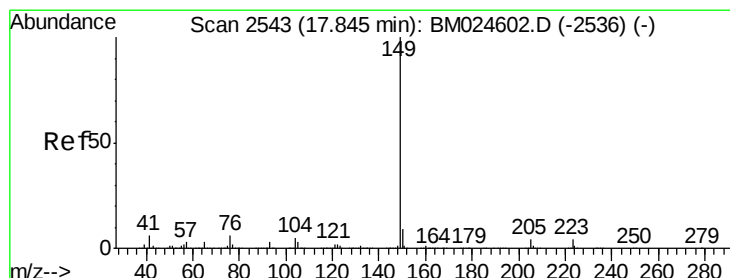
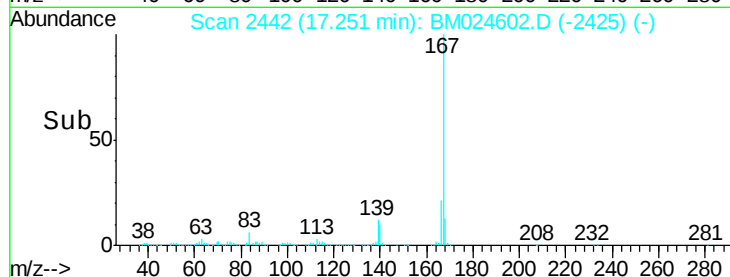
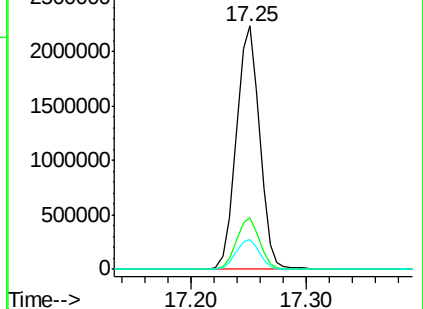
139 12.3 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.057 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

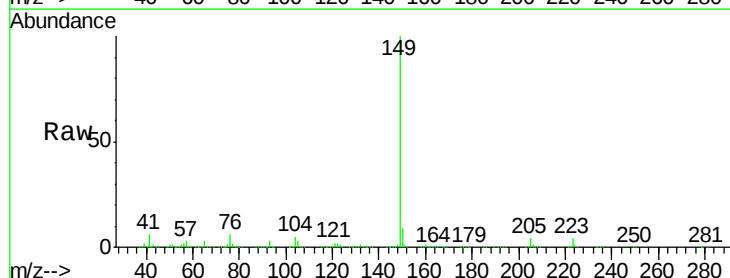
Tgt Ion:149 Resp: 4029144

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

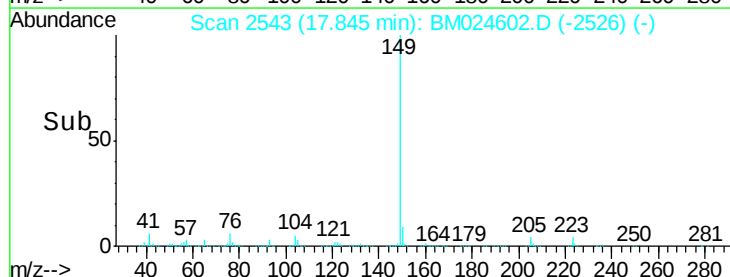
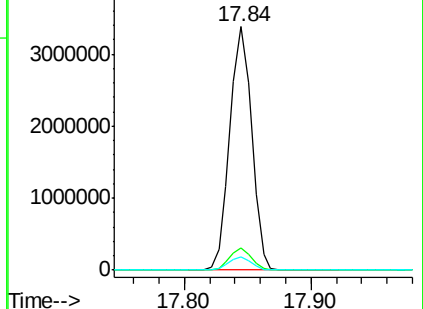
104 5.4 4.3 6.5

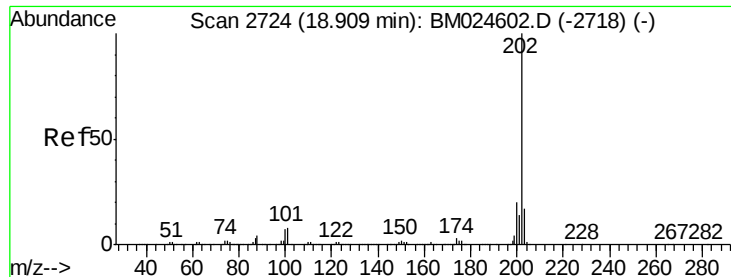


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.117 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

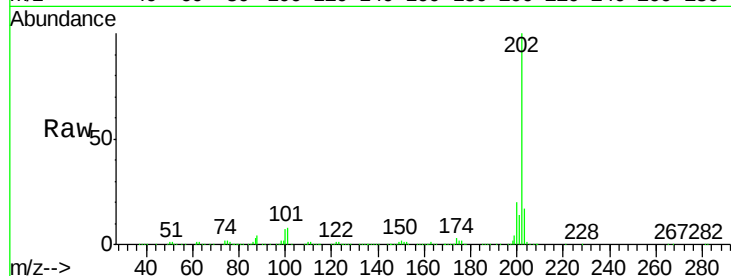
Tot Ion:202 Resp: 4346169

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.4

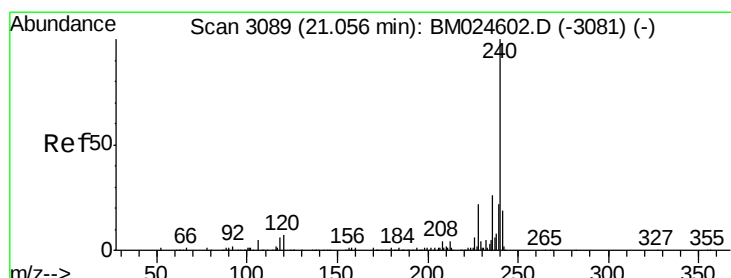
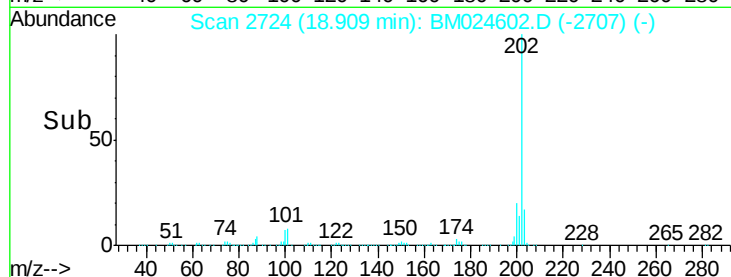
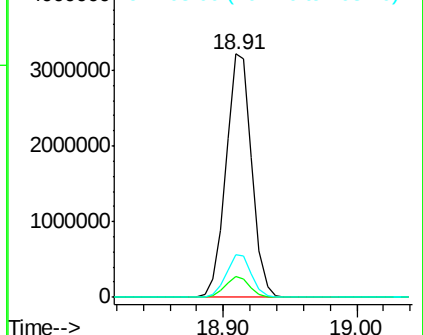
203 17.5 0.0 37.5



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: BM024602.D

Acq: 23 Jan 2020 11:46

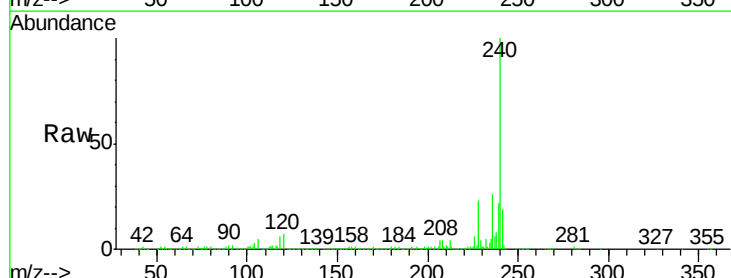
Tgt Ion:240 Resp: 1655690

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

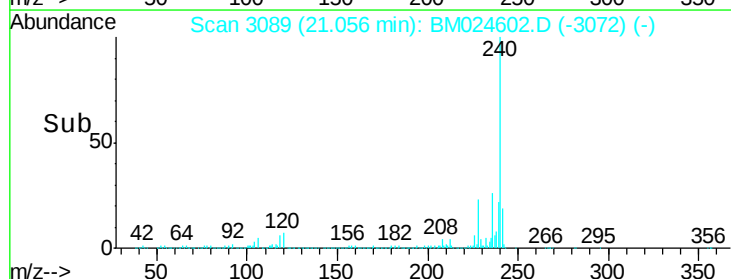
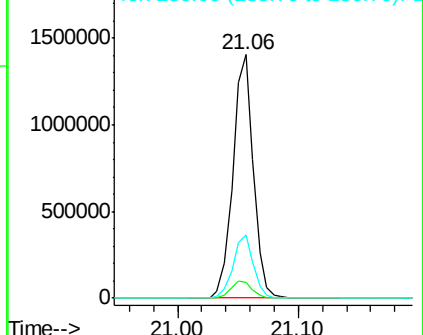
236 25.8 20.6 31.0

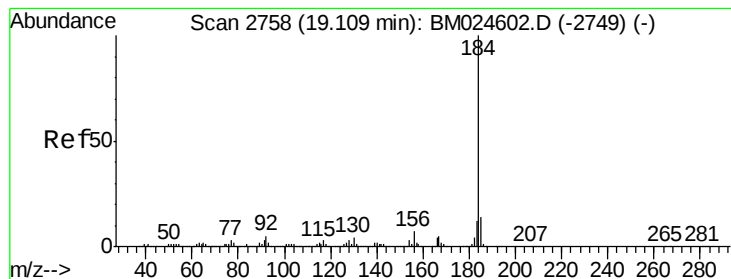


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 65.489 ng

RT: 19.11 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

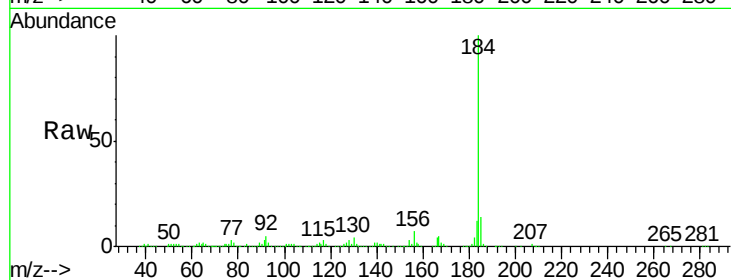
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1586702

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	12.0	9.6	14.4

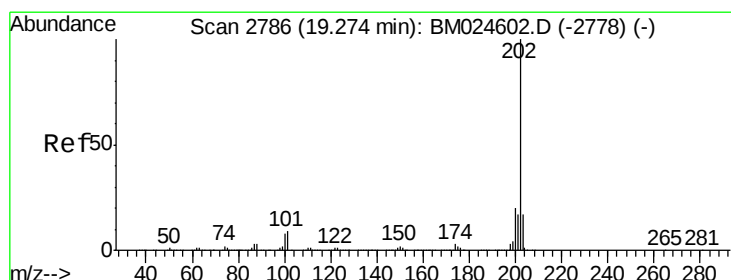
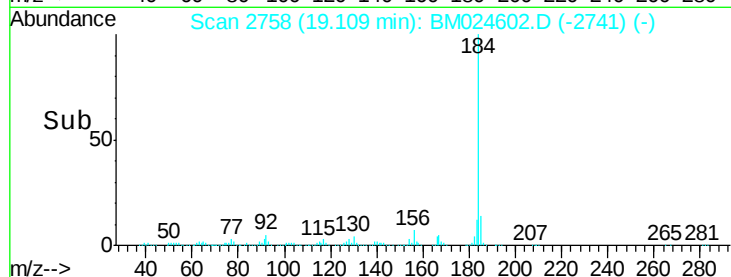
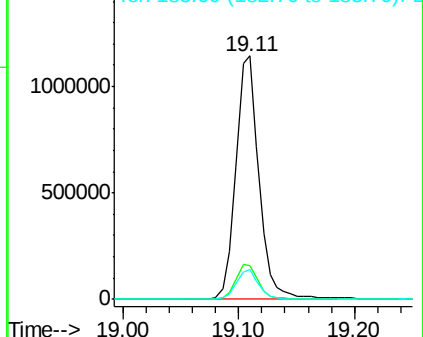


Abundance

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: 41.104 ng

RT: 19.27 min Scan# 2786

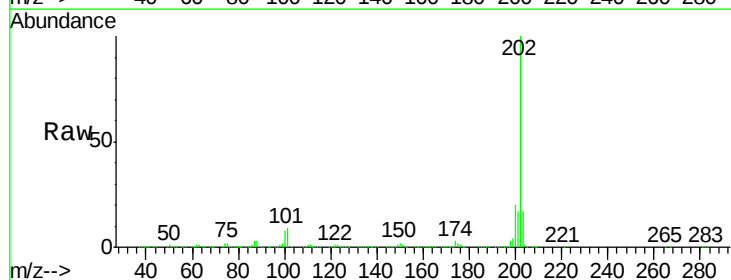
Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:202 Resp: 4485252

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.5	14.0	21.0

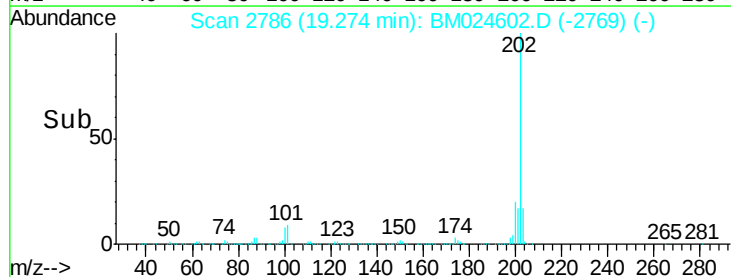
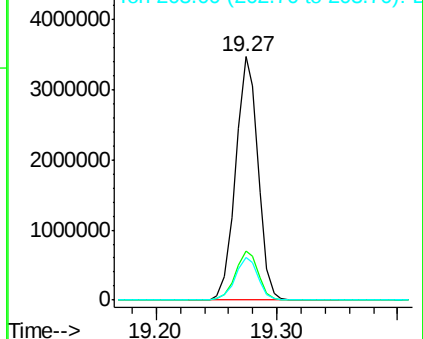


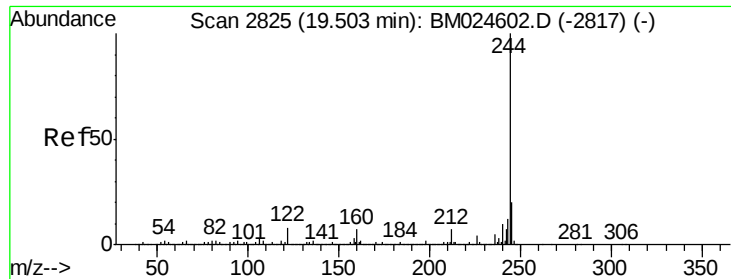
Abundance

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: 98.992 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

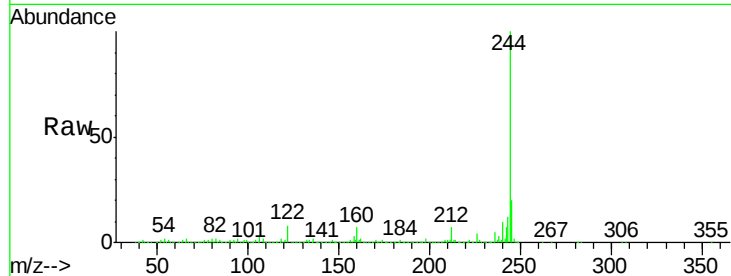
Tot Ion:244 Resp: 7815412

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

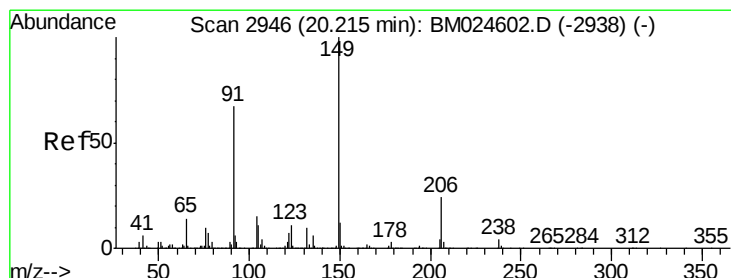
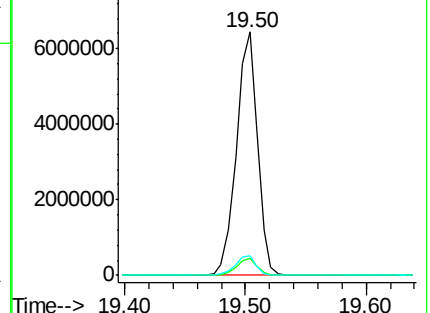
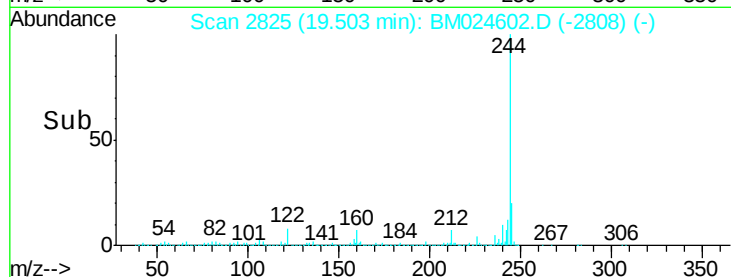
122 7.8 6.2 9.4



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: 52.312 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

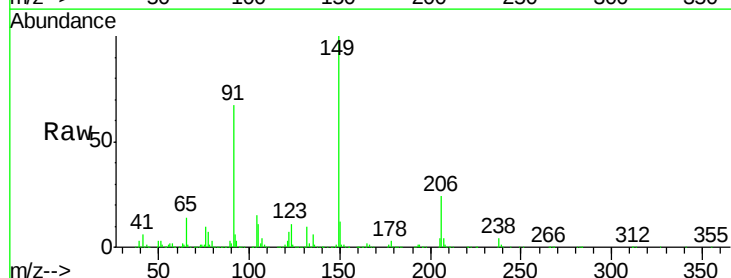
Tgt Ion:149 Resp: 1902177

Ion Ratio Lower Upper

149 100

91 67.4 53.9 80.9

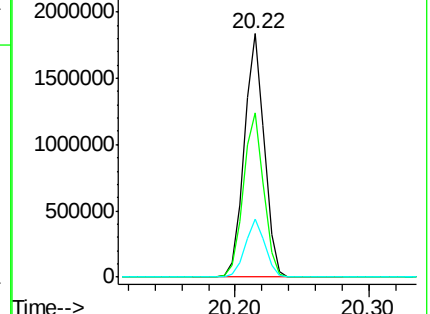
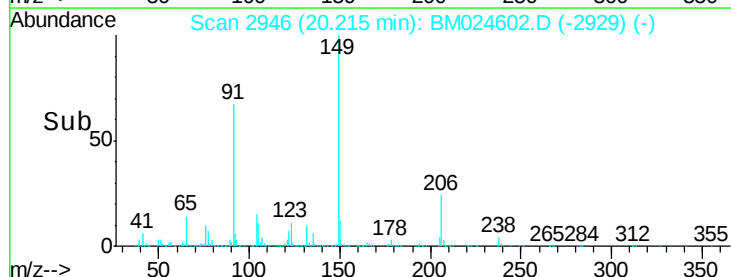
206 23.8 19.0 28.6

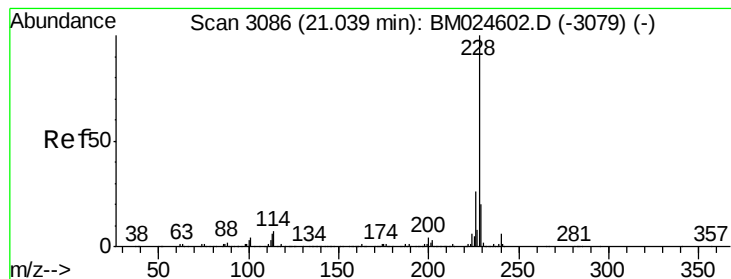


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.322 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

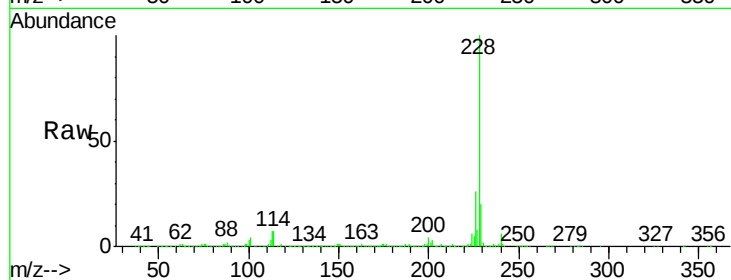
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4714416

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.1	31.7
229	19.7	15.8	23.6

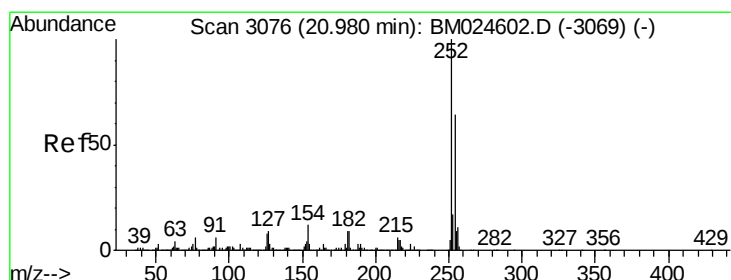
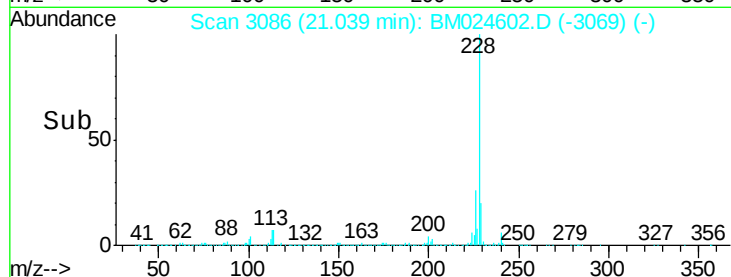
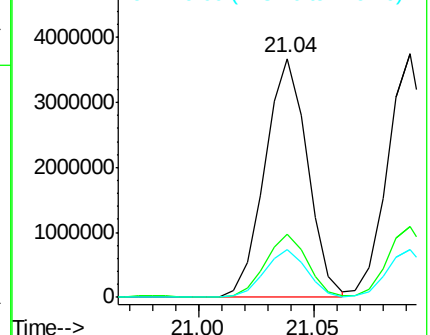


Abundance

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: 50.494 ng

RT: 20.98 min Scan# 3076

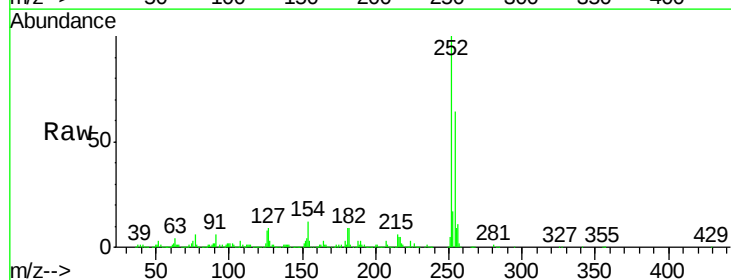
Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:252 Resp: 1757285

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	8.4	6.7	10.1

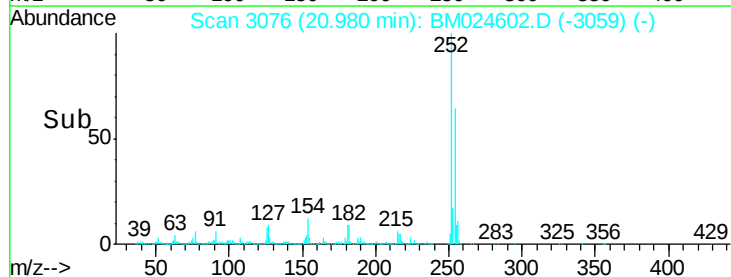
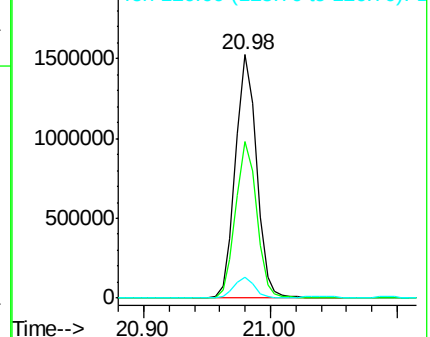


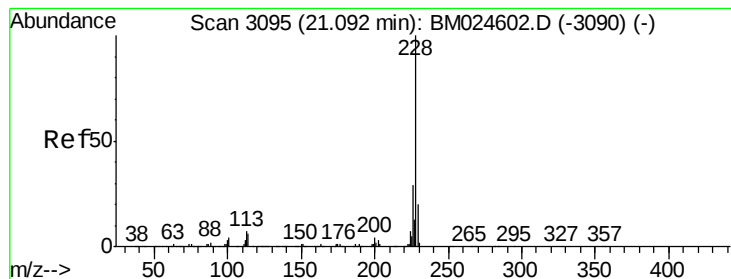
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.822 ng

RT: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

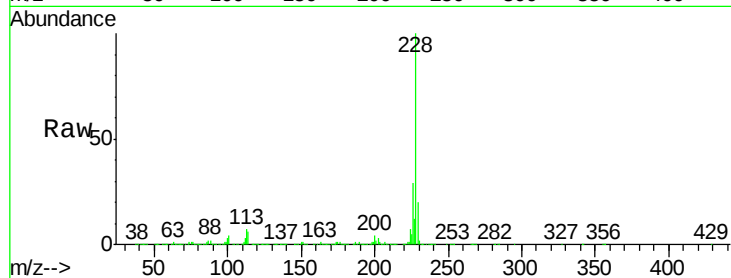
Tot Ion:228 Resp: 4511782

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

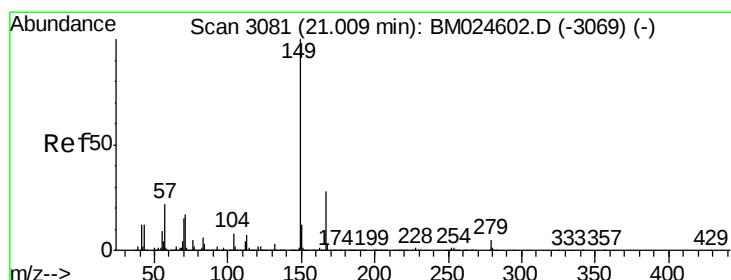
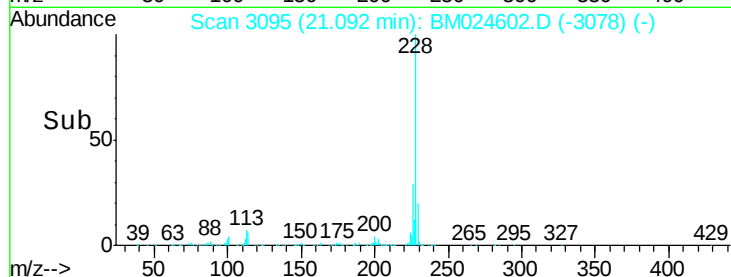
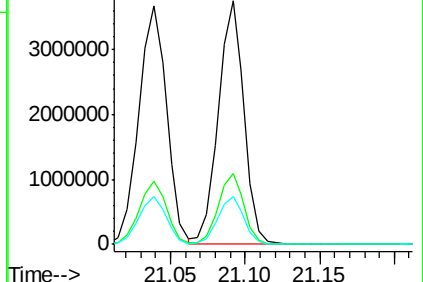
229 19.6 15.7 23.5



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: 46.283 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

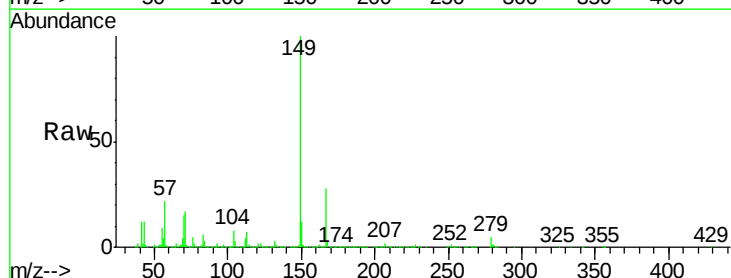
Tgt Ion:149 Resp: 2789256

Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

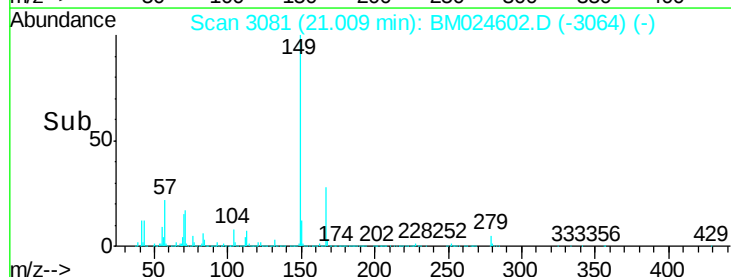
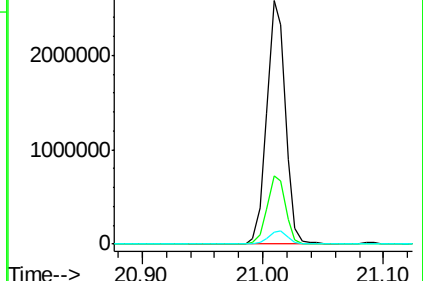
279 5.0 4.0 6.0

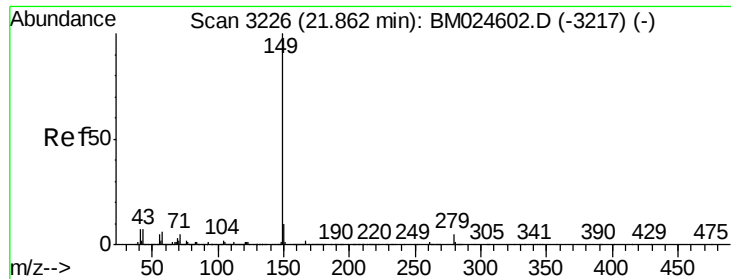


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.195 ng

RT: 21.86 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampled :

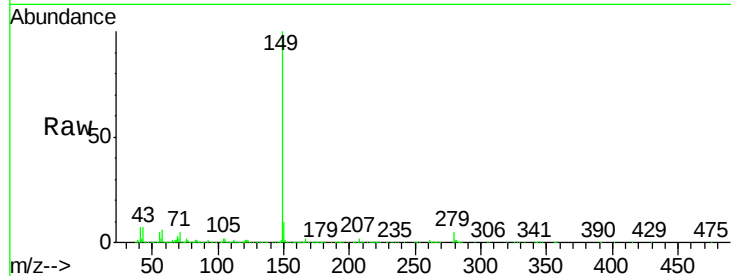
Tot Ion:149 Resp: 4690328

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

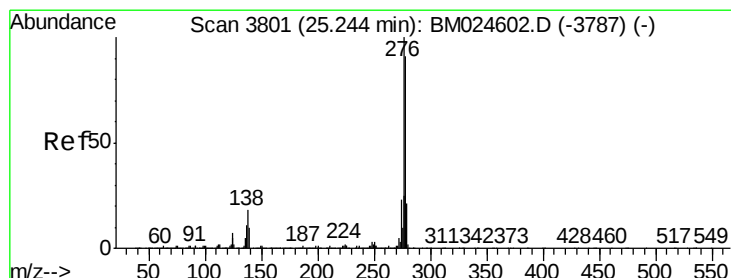
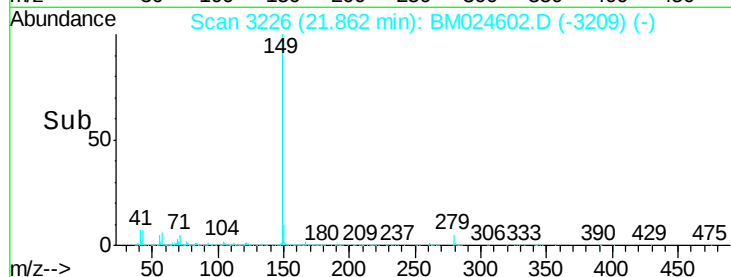
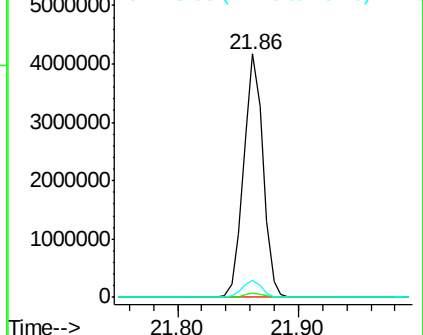
43 7.2 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.424 ng

RT: 25.24 min Scan# 3801

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

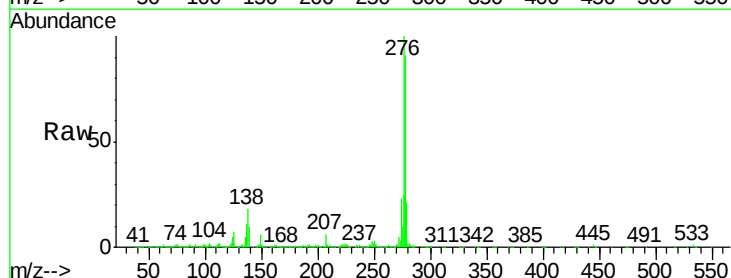
Tgt Ion:276 Resp: 5078304

Ion Ratio Lower Upper

276 100

138 17.3 13.4 20.0

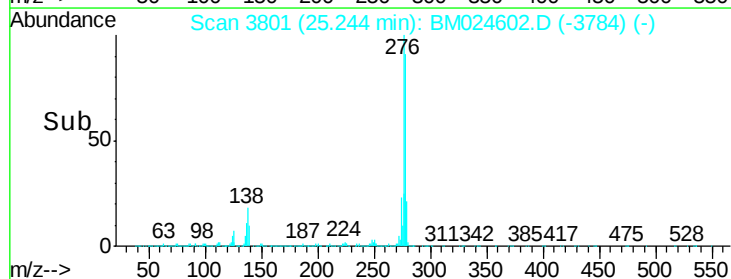
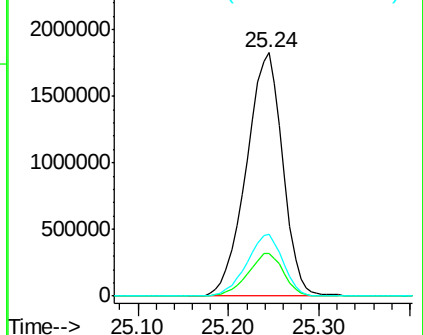
277 25.4 19.6 29.4

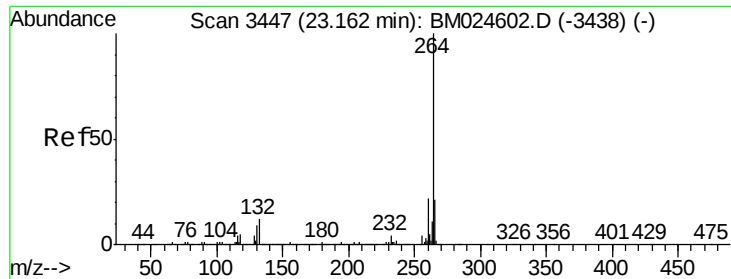


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

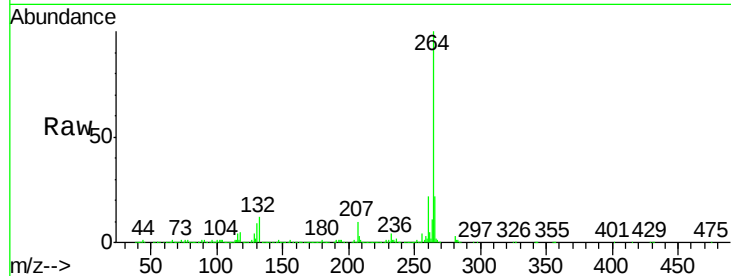
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1822825

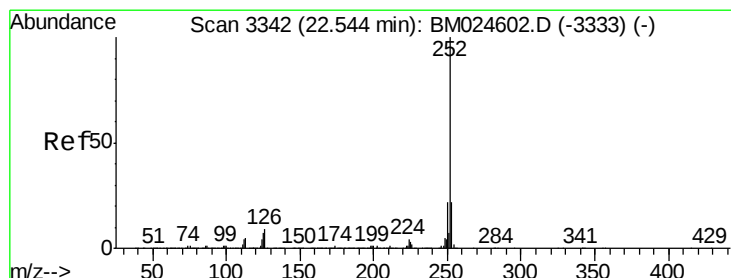
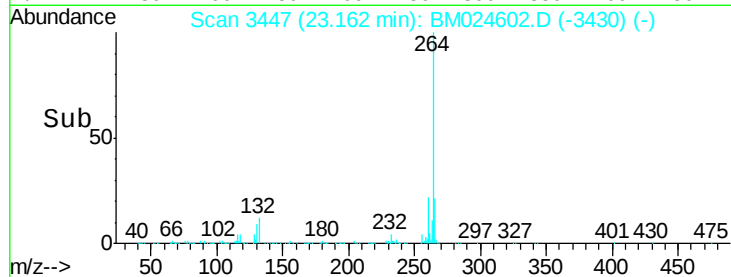
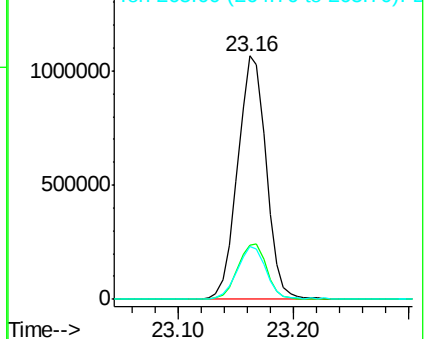
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	21.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.542 ng

RT: 22.54 min Scan# 3342

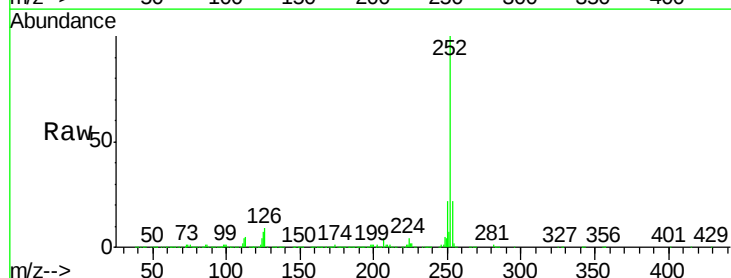
Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:252 Resp: 4876944

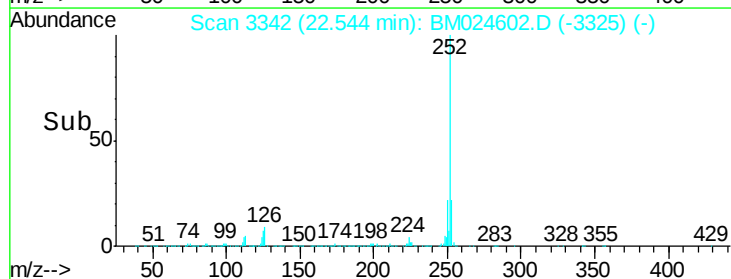
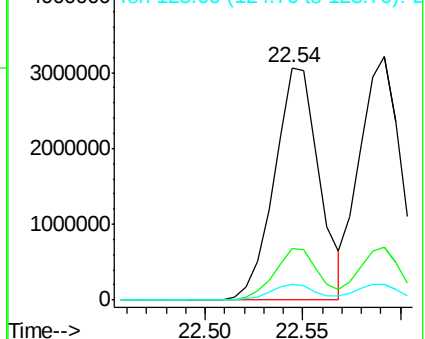
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.1	5.7	8.5

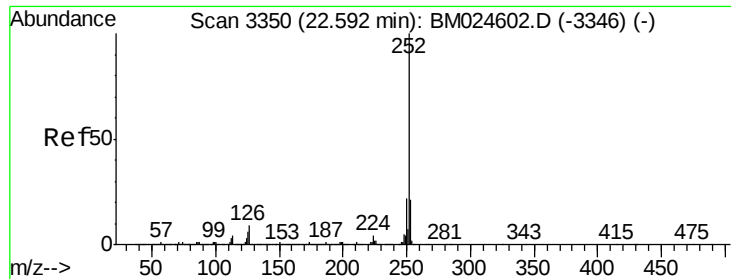


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.402 ng

RT: 22.59 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Instrument :

BNA_M

ClientSampleId :

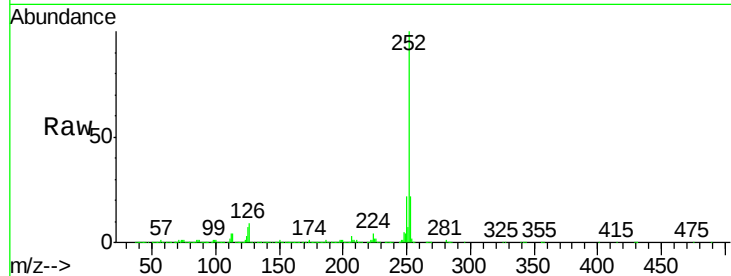
Tot Ion:252 Resp: 4669111

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

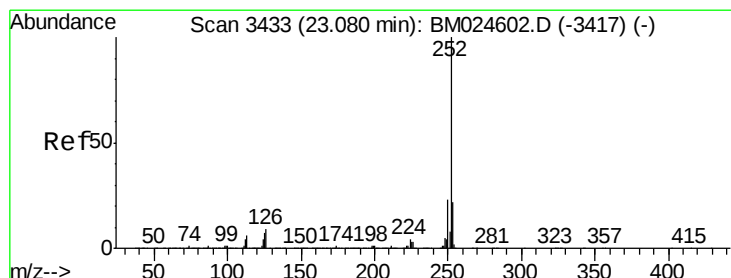
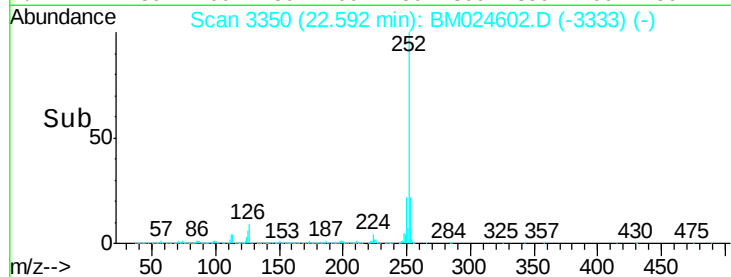
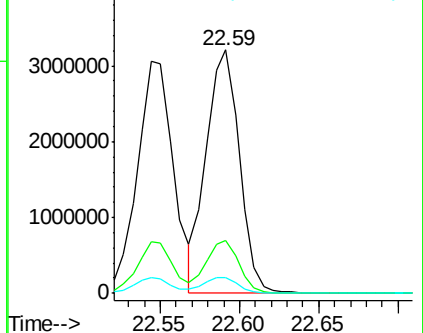
125 6.5 5.2 7.8



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: 39.978 ng

RT: 23.08 min Scan# 3433

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

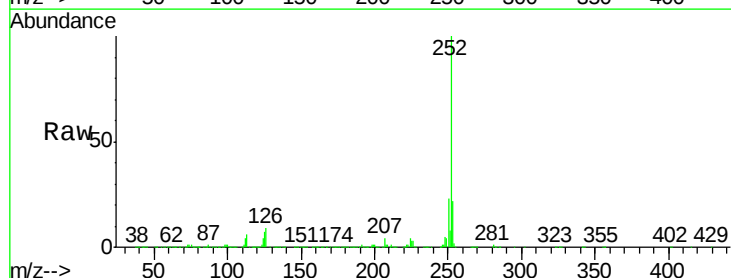
Tgt Ion:252 Resp: 4391966

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

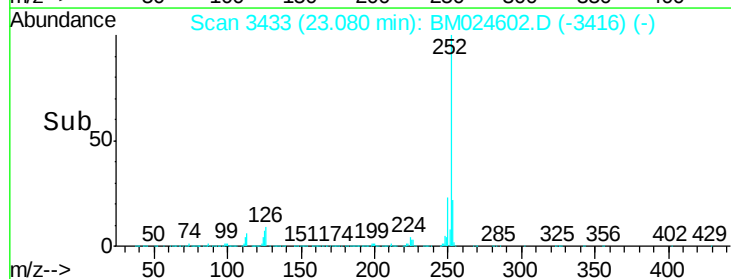
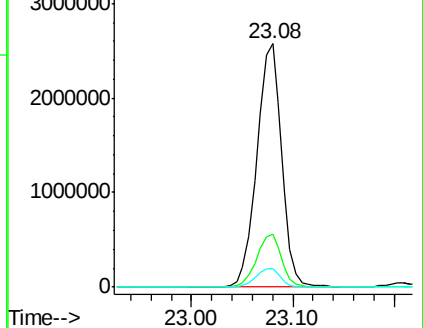
125 7.3 5.8 8.8

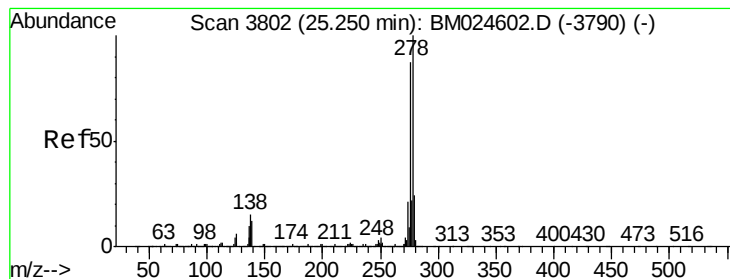


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.432 ng

RT: 25.25 min Scan# 3802

Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

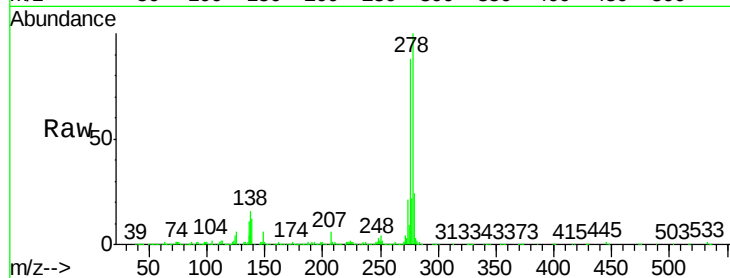
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4253817

Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.3	13.9
279	23.6	18.9	28.3

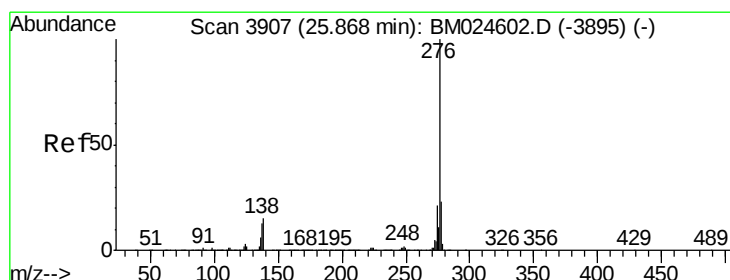
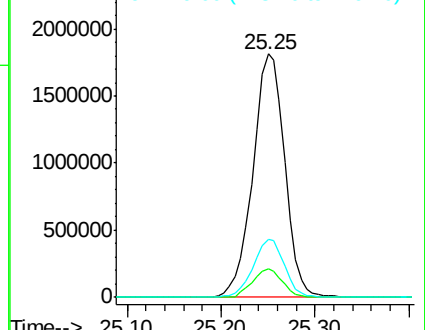
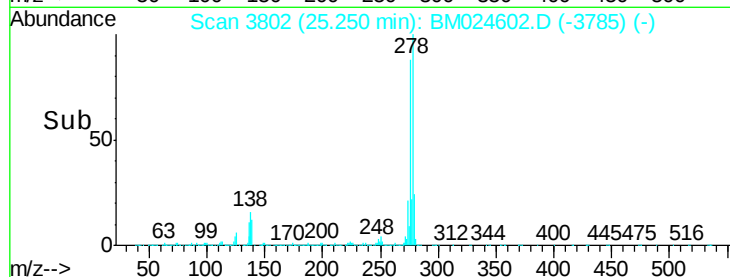


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.947 ng

RT: 25.87 min Scan# 3907

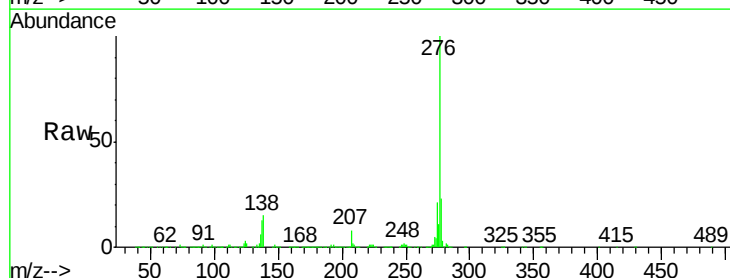
Delta R.T. 0.00 min

Lab File: BM024602.D

Acq: 23 Jan 2020 11:46

Tgt Ion:276 Resp: 3889319

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	14.9	11.9	17.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

