

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002802.D
 Acq On : 20 Jul 2020 16:03
 Operator : CG/JU
 Sample : L3177-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MSD

Quant Time: Jul 20 16:46:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	122437	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	504654	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	307750	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	659598	20.00	ng	0.00
76) Chrysene-d12	21.08	240	611764	20.00	ng	0.00
86) Perylene-d12	23.26	264	612135	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	897044	123.61	ng	0.00
7) Phenol-d6	6.76	99	1073230	103.63	ng	0.00
23) Nitrobenzene-d5	8.70	82	857666	90.90	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	428030	133.24	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1522435	76.53	ng	0.00
79) Terphenyl-d14	19.55	244	2112097	79.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	122069	38.583	ng	# 1
3) Pyridine	3.51	79	372795	39.538	ng	100
4) n-Nitrosodimethylamine	3.42	42	177933	50.095	ng	96
6) Aniline	6.88	93	443695	33.841	ng	98
8) 2-Chlorophenol	7.12	128	421460	52.200	ng	97
9) Benzaldehyde	6.69	77	109222	19.410	ng	98
10) Phenol	6.78	94	465376	43.865	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	434613	49.252	ng	98
12) 1,3-Dichlorobenzene	7.44	146	438126	47.323	ng	99
13) 1,4-Dichlorobenzene	7.58	146	444899	47.883	ng	98
14) 1,2-Dichlorobenzene	7.89	146	432731	48.296	ng	99
15) Benzyl Alcohol	7.79	79	395896	57.123	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	597310	47.066	ng	99
17) 2-Methylphenol	8.02	107	362233	47.925	ng	99
18) Hexachloroethane	8.61	117	151905	46.159	ng	99
19) n-Nitroso-di-n-propylamine	8.36	70	324309	51.421	ng	100
20) 3+4-Methylphenols	8.34	107	466115	46.639	ng	97
22) Acetophenone	8.36	105	608165	48.884	ng	# 97
24) Nitrobenzene	8.74	77	514861	50.383	ng	100
25) Isophorone	9.26	82	952128	49.510	ng	99
26) 2-Nitrophenol	9.45	139	229431	51.982	ng	97
27) 2,4-Dimethylphenol	9.53	122	381317	53.215	ng	97
28) bis(2-Chloroethoxy)methane	9.75	93	584073	50.003	ng	99
29) 2,4-Dichlorophenol	9.99	162	413616	52.356	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	425335	47.005	ng	99
31) Naphthalene	10.37	128	1269792	47.659	ng	100
32) Benzoic acid	9.72	122	172771	33.642	ng	99
33) 4-Chloroaniline	10.49	127	106960	9.369	ng	99
34) Hexachlorobutadiene	10.66	225	237556	45.421	ng	98
35) Caprolactam	11.27	113	52481	19.000	ng	98
36) 4-Chloro-3-methylphenol	11.65	107	449893	52.831	ng	99
37) 2-Methylnaphthalene	11.99	142	917347	48.792	ng	98
38) 1-Methylnaphthalene	12.22	142	862153	48.482	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	459711	48.606	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	140136	37.776	ng	98
43) 2,4,6-Trichlorophenol	12.63	196	323324	53.408	ng	98
44) 2,4,5-Trichlorophenol	12.72	196	344267	49.030	ng	98
46) 1,1'-Biphenyl	13.03	154	1103610	48.102	ng	98
47) 2-Chloronaphthalene	13.06	162	881863	47.323	ng	97
48) 2-Nitroaniline	13.28	65	322869	56.051	ng	97
49) Acenaphthylene	13.92	152	1429865	48.673	ng	100
50) Dimethylphthalate	13.67	163	1249414	53.234	ng	99
51) 2,6-Dinitrotoluene	13.79	165	251613	50.075	ng	96
52) Acenaphthene	14.27	154	841798	47.947	ng	100
53) 3-Nitroaniline	14.12	138	132071	23.493	ng	93
54) 2,4-Dinitrophenol	14.35	184	86884	37.965	ng	95
55) Dibenzofuran	14.60	168	1320567	46.898	ng	97
56) 4-Nitrophenol	14.47	139	353283	78.520	ng	96
57) 2,4-Dinitrotoluene	14.59	165	333961	50.467	ng	95
58) Fluorene	15.26	166	977709	46.925	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	296732	53.612	ng	99
60) Diethylphthalate	15.05	149	1073189	47.161	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	489902	44.252	ng	96
62) 4-Nitroaniline	15.29	138	240040	40.199	ng	96
63) Azobenzene	15.56	77	1166577	49.859	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	74137	22.007	ng	97
66) n-Nitrosodiphenylamine	15.48	169	939803	48.233	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	337116	46.920	ng	98
68) Hexachlorobenzene	16.28	284	374285	49.442	ng	97
69) Atrazine	16.45	200	303556	57.066	ng	98
70) Pentachlorophenol	16.63	266	423929	112.456	ng	99
71) Phenanthrene	17.00	178	1683354	47.136	ng	100
72) Anthracene	17.10	178	1712736	48.872	ng	100
73) Carbazole	17.37	167	1648205	47.926	ng	99
74) Di-n-butylphthalate	17.95	149	1869921	50.135	ng	100
75) Fluoranthene	18.99	202	2063449	49.864	ng	99
77) Benzidine	19.17	184	1175733	77.536	ng	99
78) Pyrene	19.35	202	2083019	49.316	ng	99
80) Butylbenzylphthalate	20.24	149	891661	53.496	ng	100
81) Benzo(a)anthracene	21.06	228	1924491	48.597	ng	100
82) 3,3'-Dichlorobenzidine	21.00	252	637732	48.626	ng	100
83) Chrysene	21.12	228	1788823	47.454	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1156895	49.904	ng	99
85) Di-n-octyl phthalate	21.86	149	2216260	53.175	ng	99
87) Indeno(1,2,3-cd)pyrene	25.48	276	2138133	48.327	ng	99
88) Benzo(b)fluoranthene	22.62	252	1947245	51.230	ng	99
89) Benzo(k)fluoranthene	22.66	252	1898719	50.714	ng	99
90) Benzo(a)pyrene	23.17	252	1781754	49.466	ng	99
91) Dibenzo(a,h)anthracene	25.49	278	1767560	49.538	ng	99
92) Benzo(g,h,i)perylene	26.15	276	1784551	49.329	ng	99

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

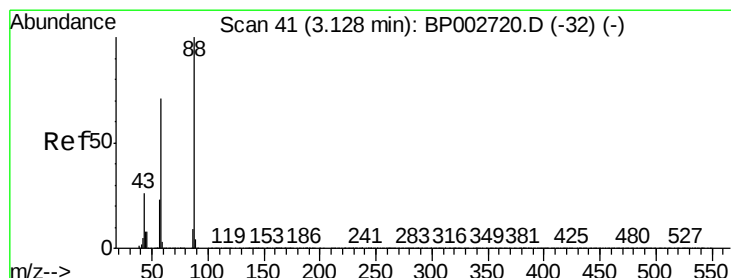
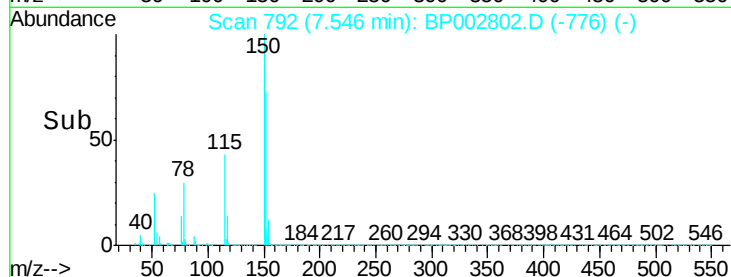
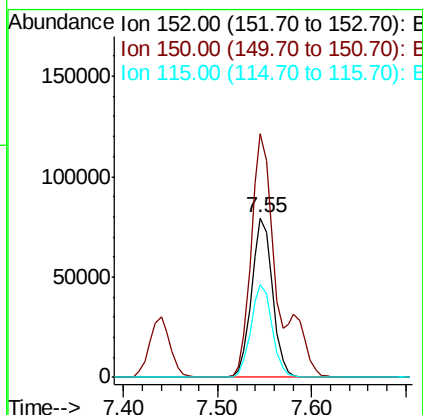
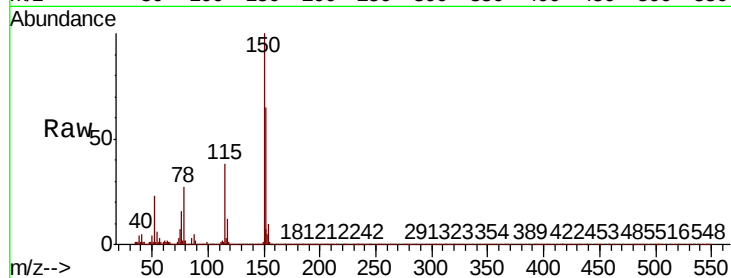


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

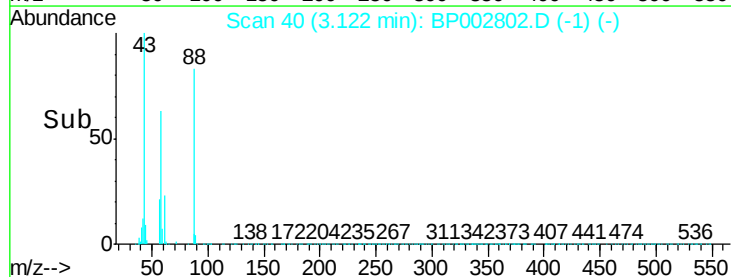
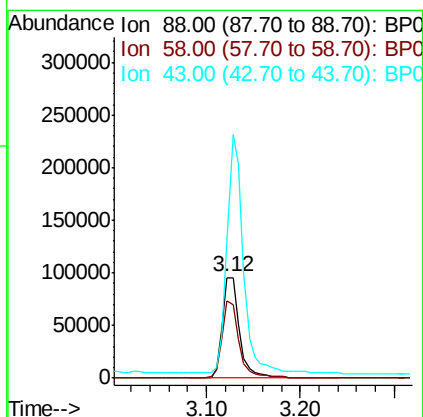
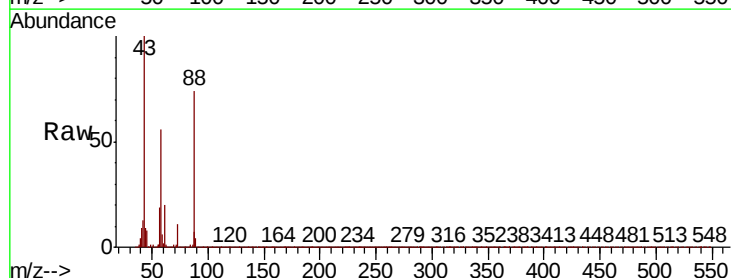
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.7	185.5
115	58.2	47.2	70.8

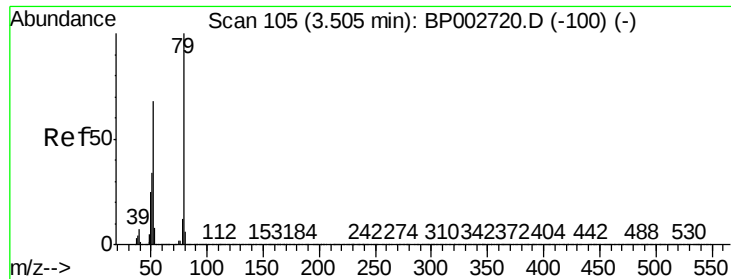


#2

1,4-Dioxane
Concen: 38.583 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	58.2	87.4
43	223.6	21.5	32.3





#3

Pvridine

Concen: 39.538 ng

RT: 3.51 min Scan# 106

Delta R.T. 0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

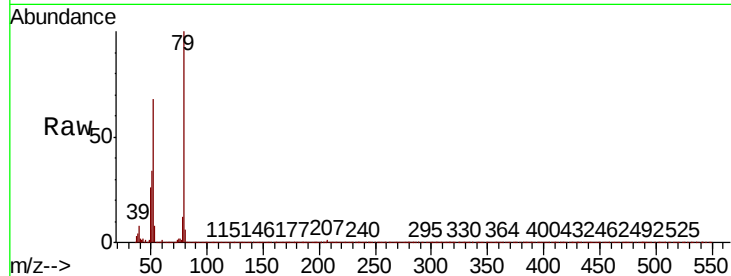
Tot Ion: 79 Resp: 372795

Ion Ratio Lower Upper

79 100

52 67.6 54.2 81.2

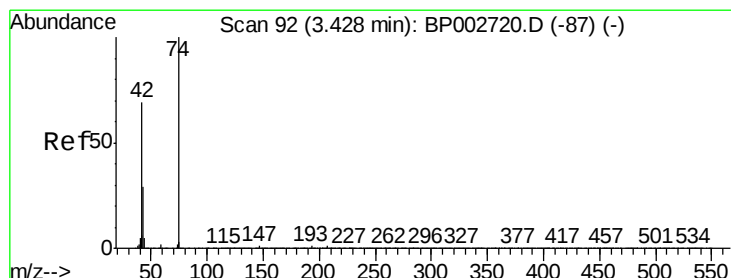
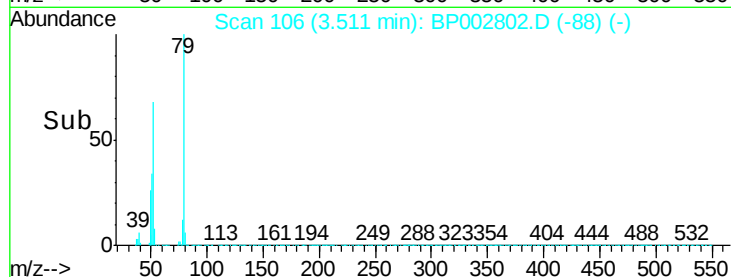
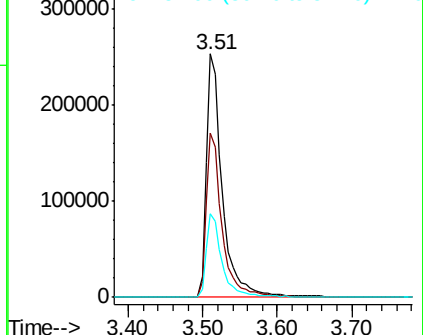
51 34.3 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 50.095 ng

RT: 3.42 min Scan# 90

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

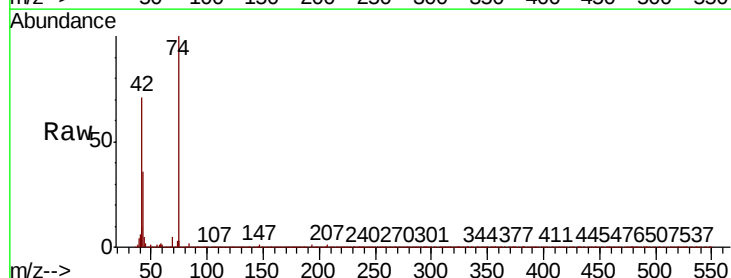
Tgt Ion: 42 Resp: 177933

Ion Ratio Lower Upper

42 100

74 140.1 116.3 174.5

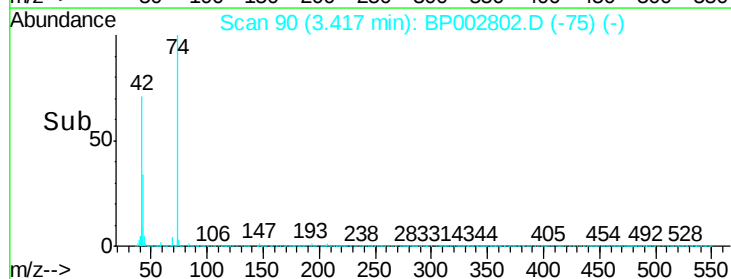
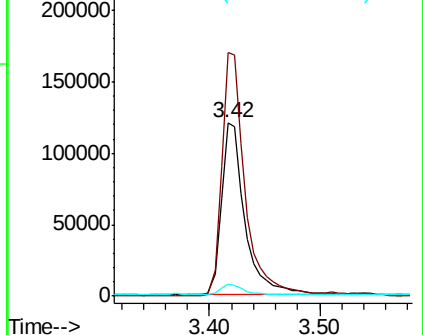
44 7.1 5.9 8.9

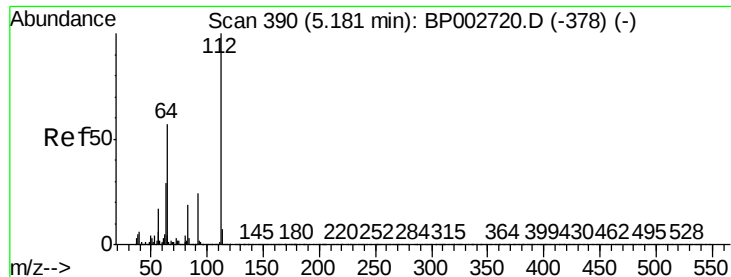


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 123.613 ng

RT: 5.18 min Scan# 390

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

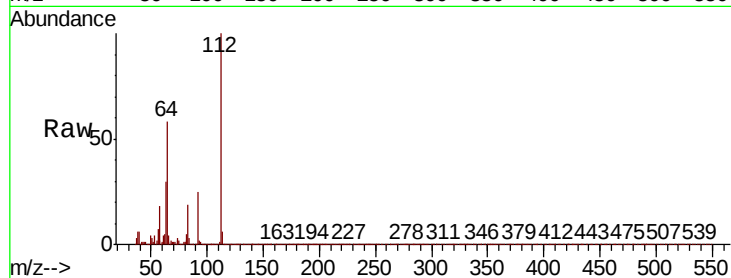
Tot Ion:112 Resp: 897044

Ion Ratio Lower Upper

112 100

64 58.3 45.6 68.4

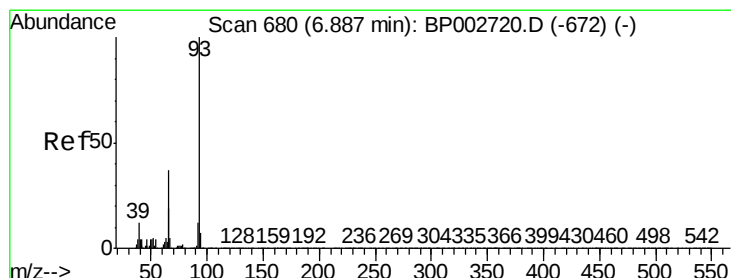
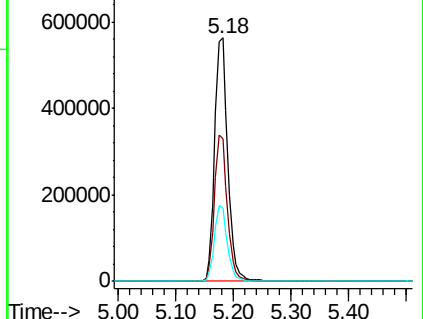
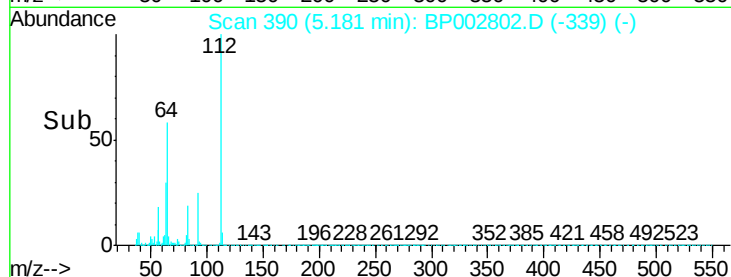
63 29.9 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.841 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

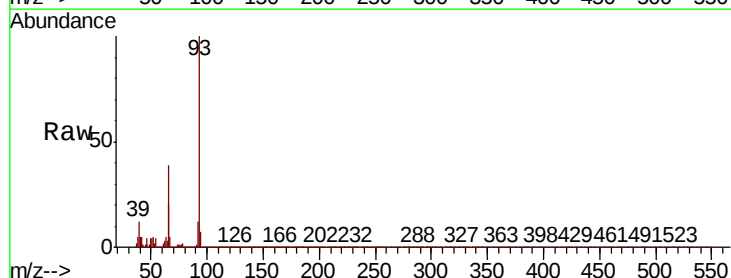
Tgt Ion: 93 Resp: 443695

Ion Ratio Lower Upper

93 100

66 38.6 30.1 45.1

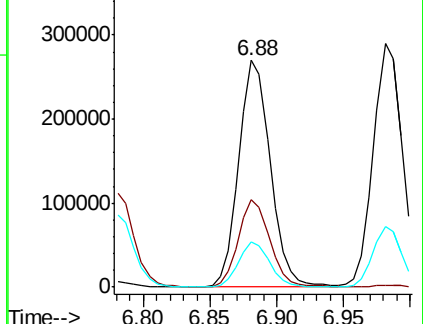
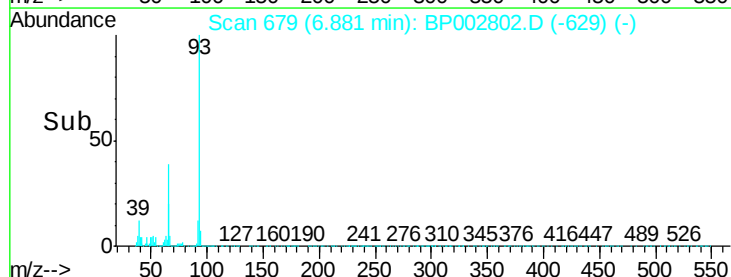
65 20.0 15.4 23.2

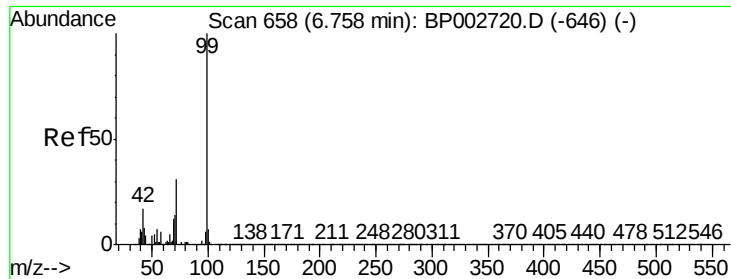


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 103.626 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

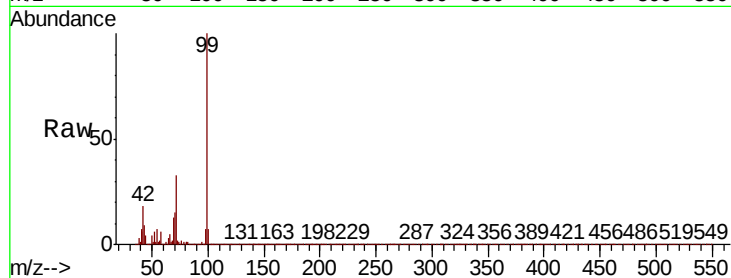
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion: 99 Resp: 1073230

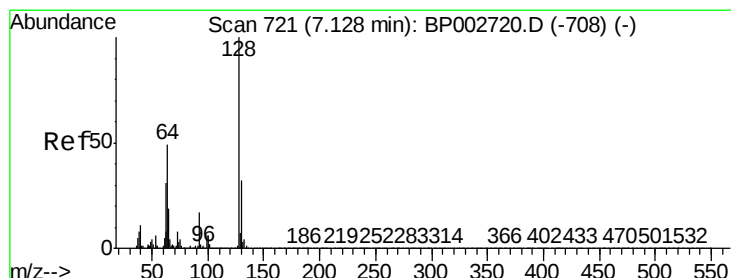
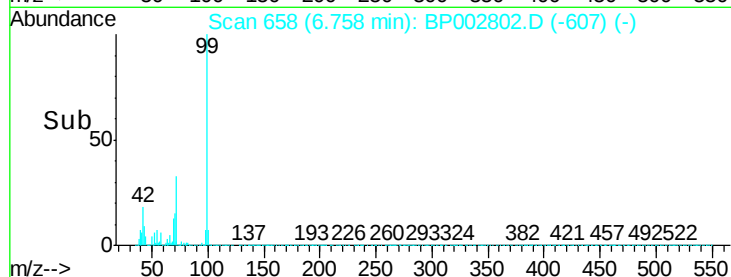
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.2
71	32.7	24.6	36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 52.200 ng

RT: 7.12 min Scan# 720

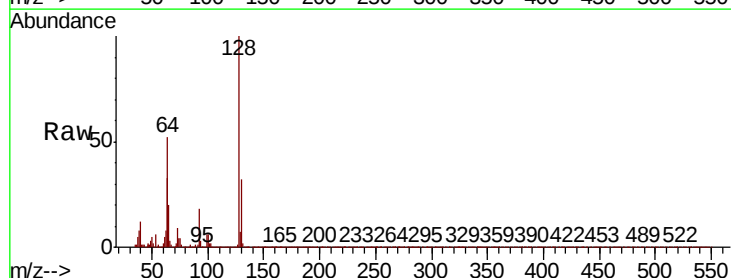
Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion: 128 Resp: 421460

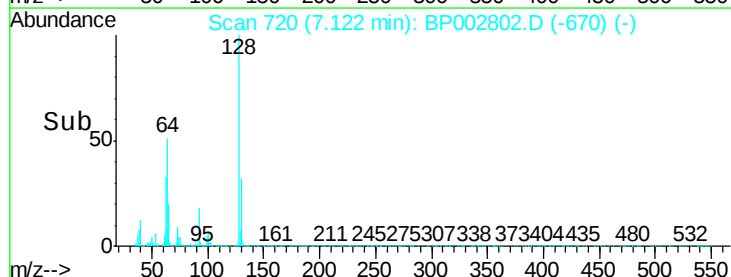
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.2	52.2
64	51.5	28.8	68.8

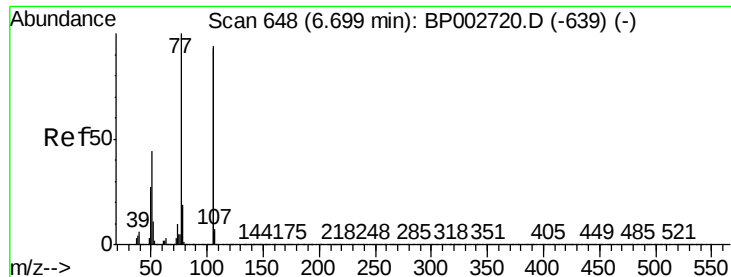


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 19.410 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

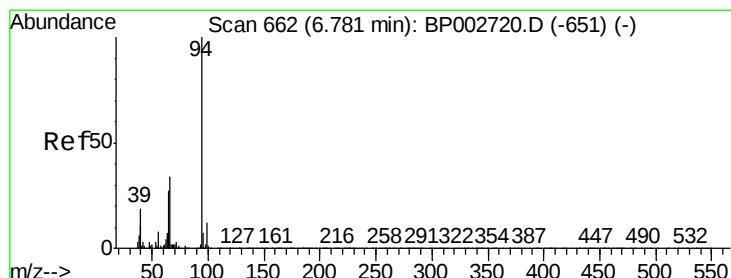
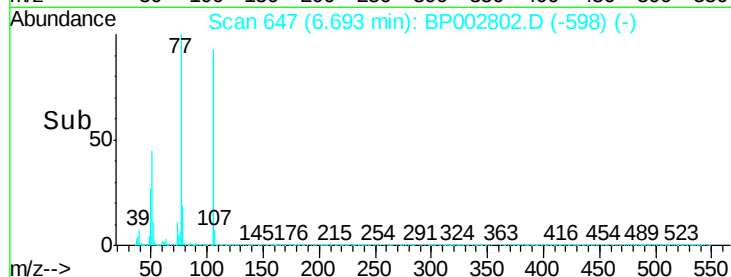
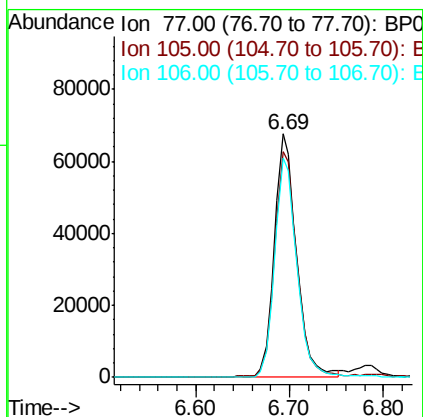
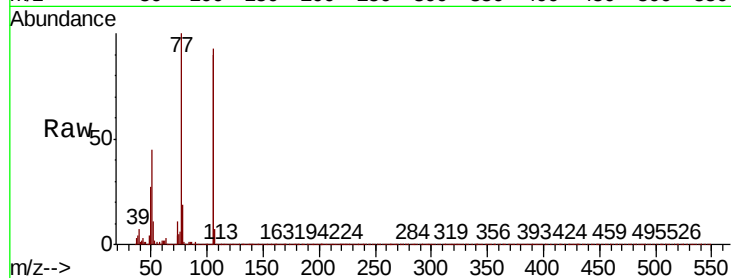
Tot Ion: 77 Resp: 109222

Ion Ratio Lower Upper

77 100

105 92.8 73.2 113.2

106 90.2 73.6 113.6



#10

Phenol

Concen: 43.865 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

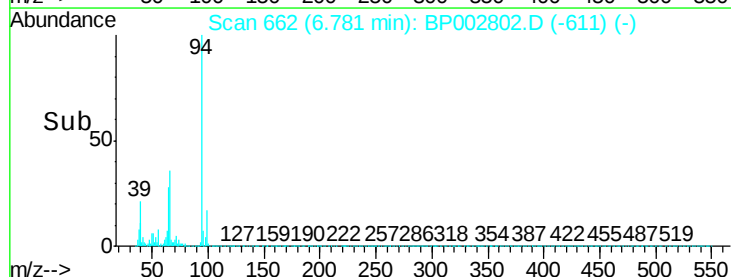
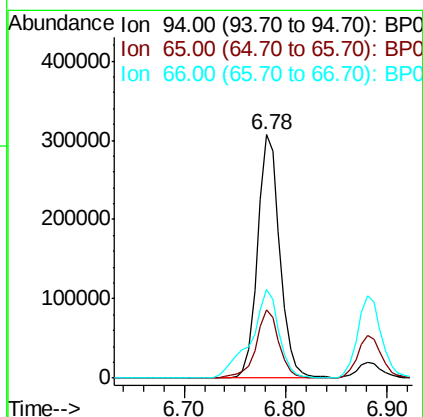
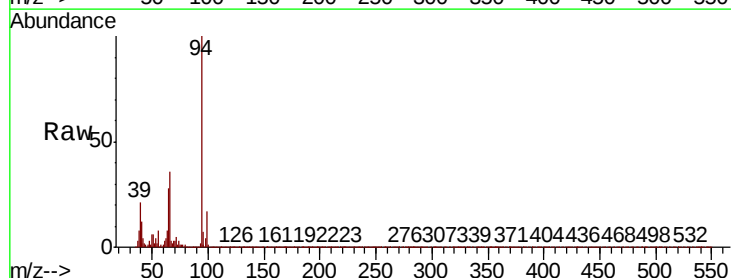
Tgt Ion: 94 Resp: 465376

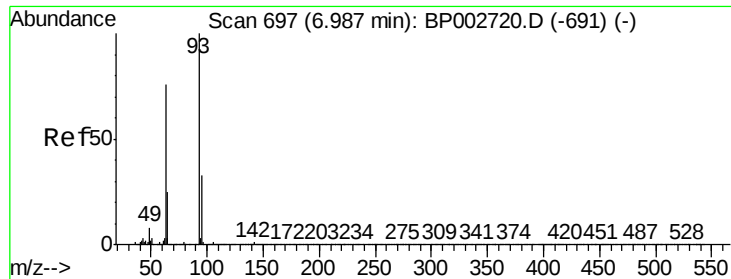
Ion Ratio Lower Upper

94 100

65 27.8 7.0 47.0

66 36.4 13.7 53.7

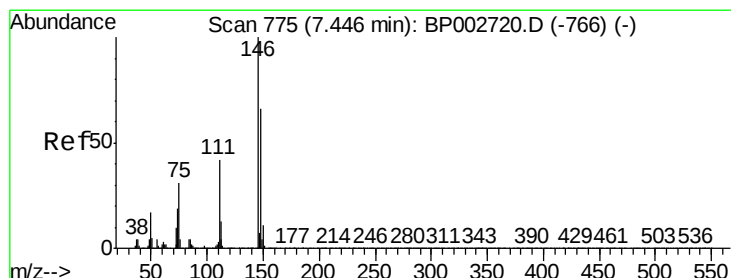
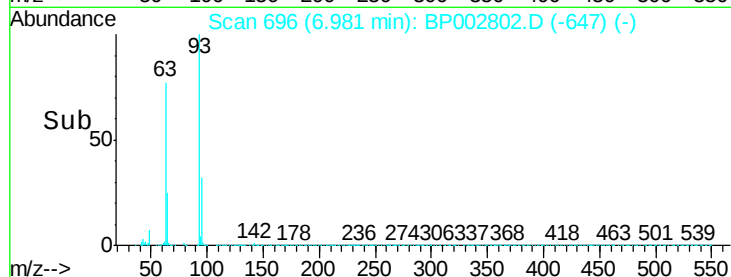
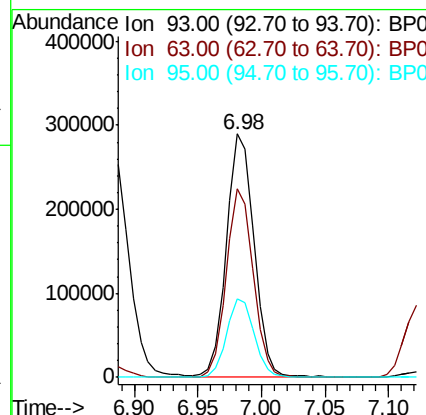
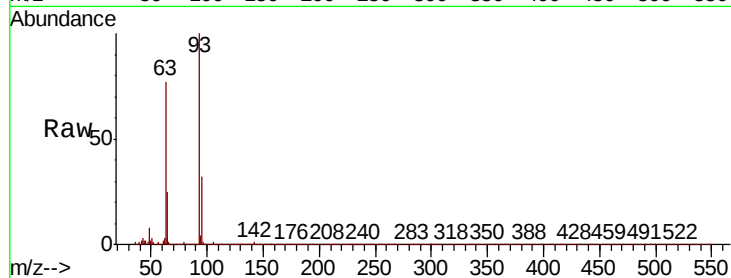




#11
bis(2-Chloroethyl)ether
Concen: 49.252 ng
RT: 6.98 min Scan# 696
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

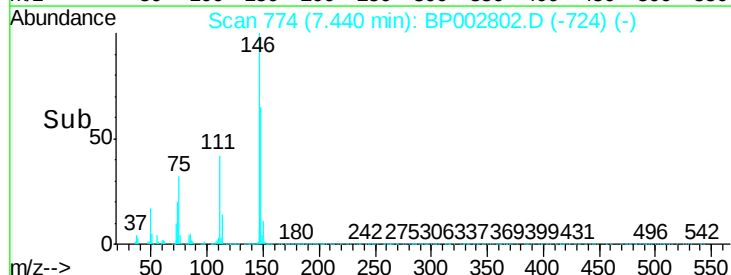
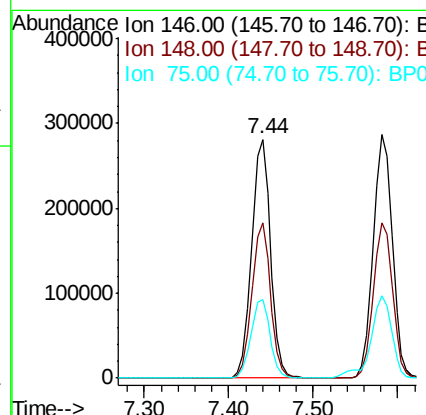
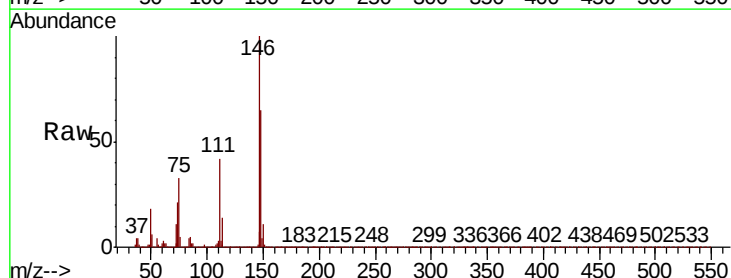
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

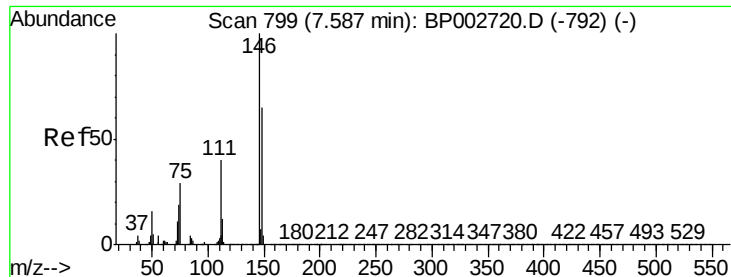
Tot Ion:	93	Resp:	434613
Ion	Ratio	Lower	Upper
93	100		
63	77.2	55.1	95.1
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 47.323 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:	146	Resp:	438126
Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	78.8
75	32.9	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 47.883 ng

RT: 7.58 min Scan# 798

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

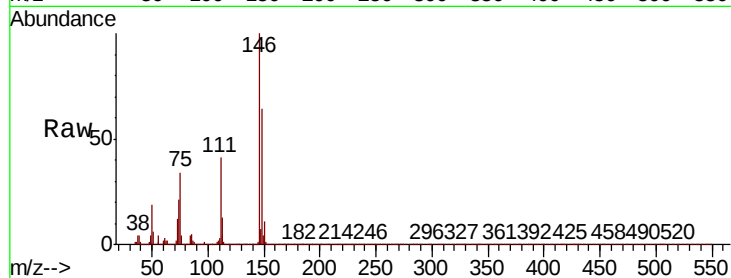
Tot Ion:146 Resp: 444899

Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

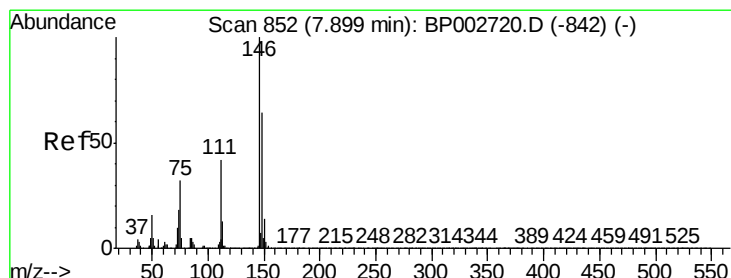
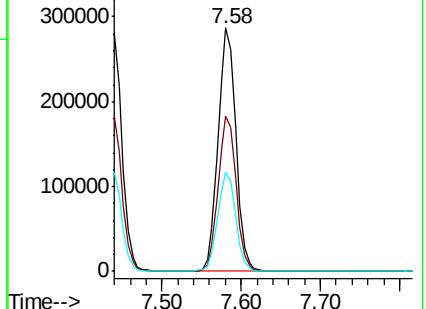
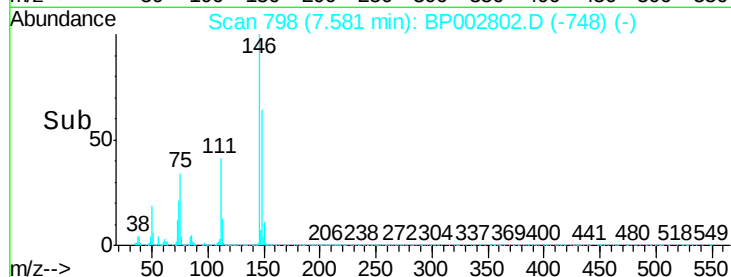
111 40.9 32.2 48.2



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: 48.296 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

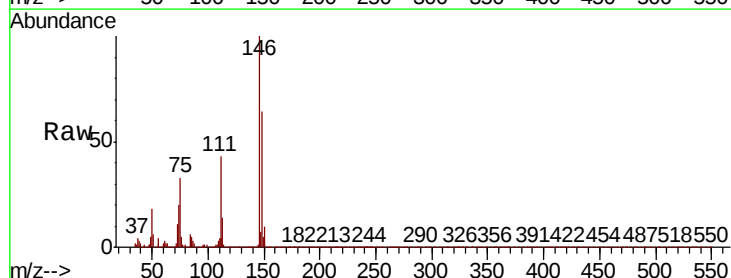
Tgt Ion:146 Resp: 432731

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

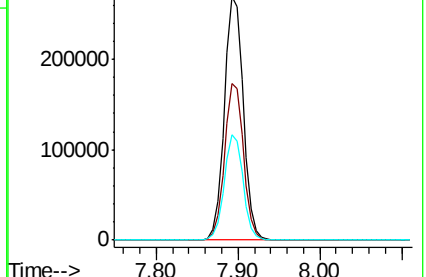
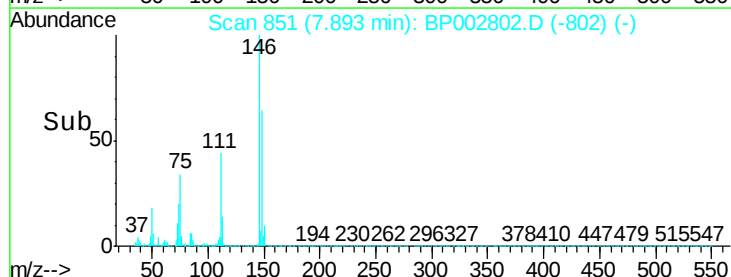
111 43.3 33.9 50.9

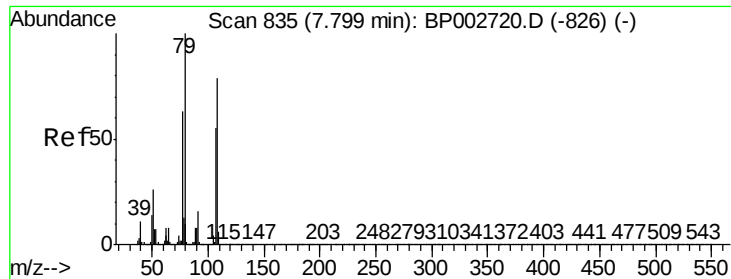


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.123 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

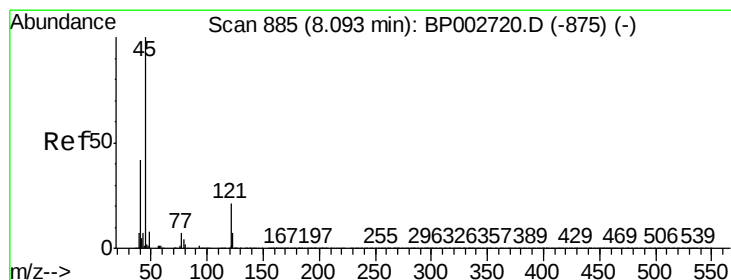
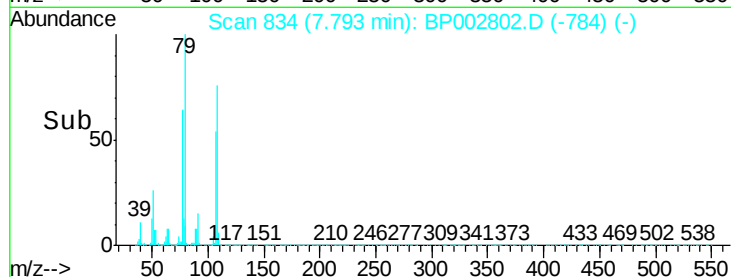
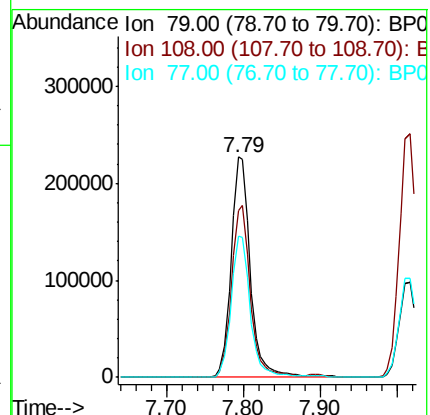
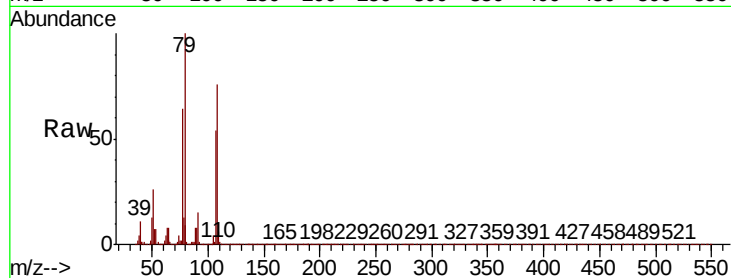
Tot Ion: 79 Resp: 395896

Ion Ratio Lower Upper

79 100

108 75.8 63.1 94.7

77 64.5 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.066 ng

RT: 8.09 min Scan# 884

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

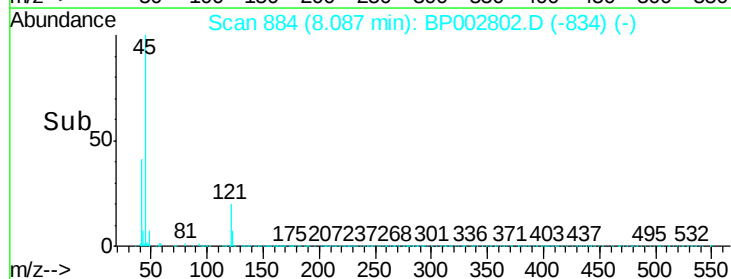
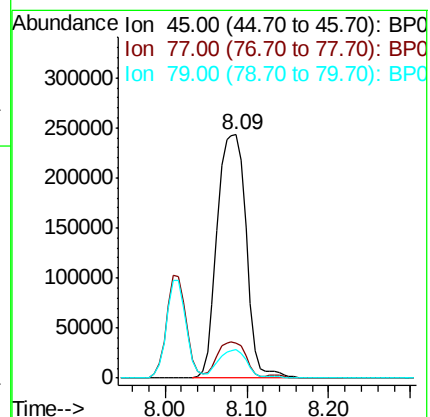
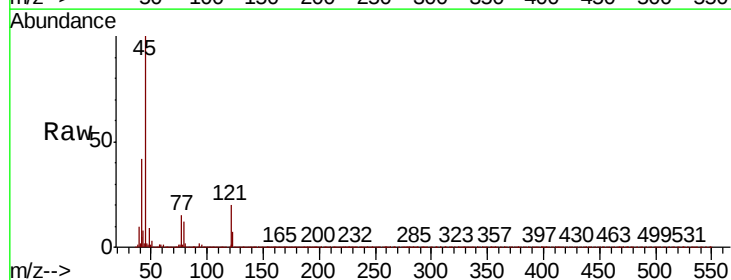
Tgt Ion: 45 Resp: 597310

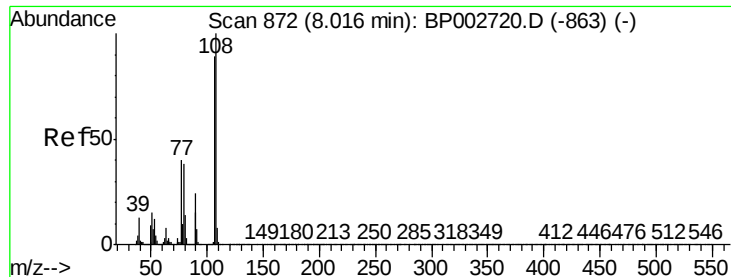
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.8

79 11.8 0.0 31.6





#17

2-Methylphenol

Concen: 47.925 ng

RT: 8.02 min Scan# 872

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

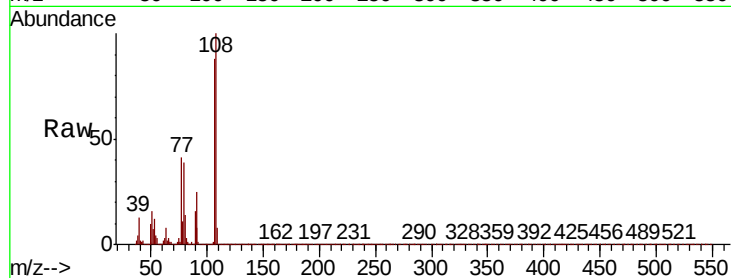
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:107 Resp: 362233

Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.9	134.9
77	46.0	36.6	54.8
79	44.2	34.9	52.3



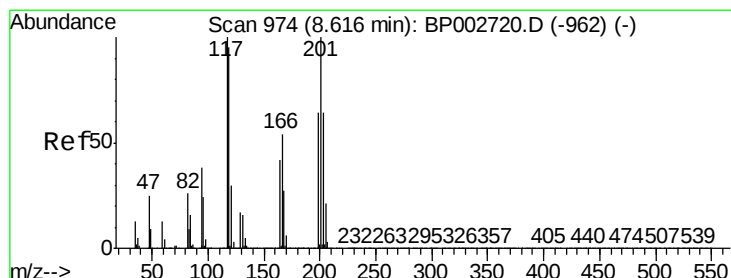
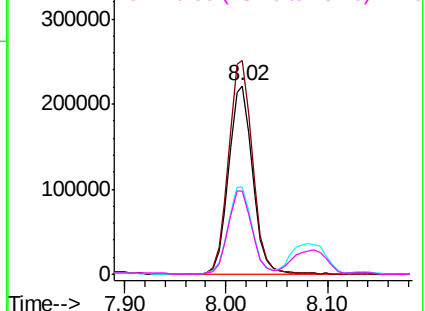
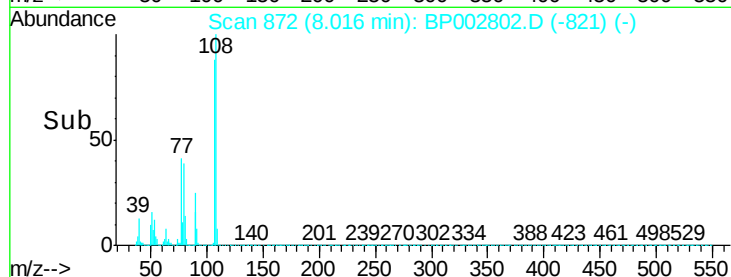
Abundance

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): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 46.159 ng

RT: 8.61 min Scan# 973

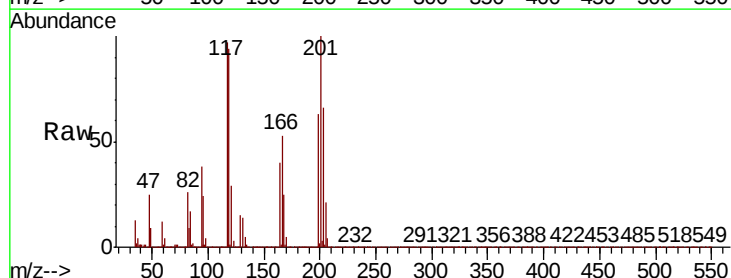
Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:117 Resp: 151905

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	115.0
201	102.6	80.3	120.5

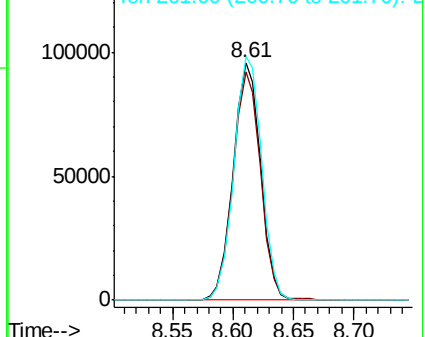
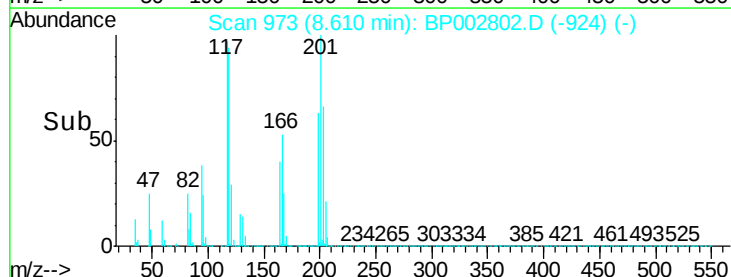


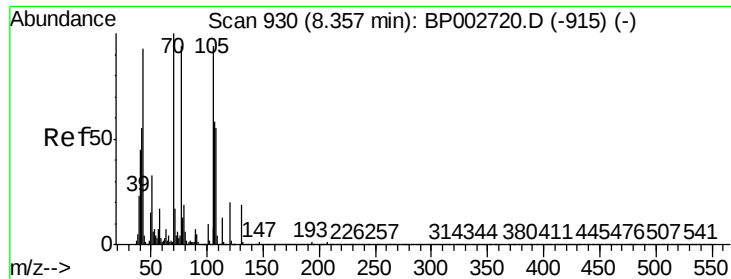
Abundance

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

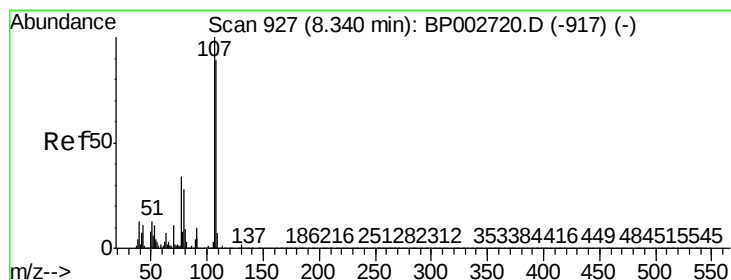
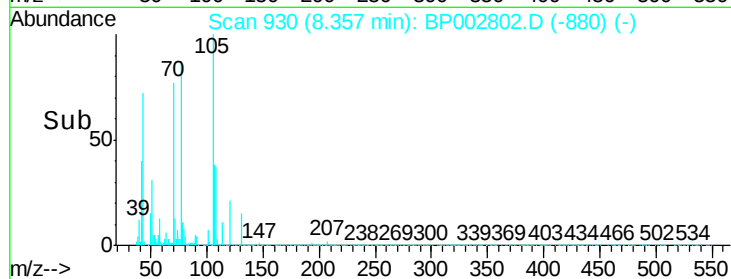
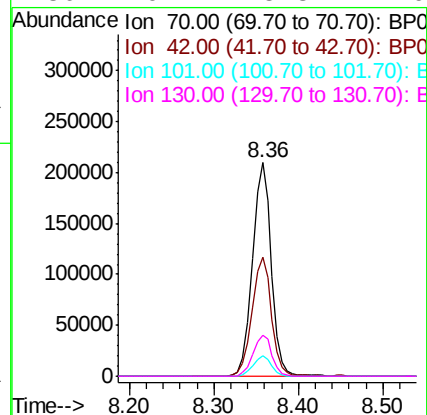
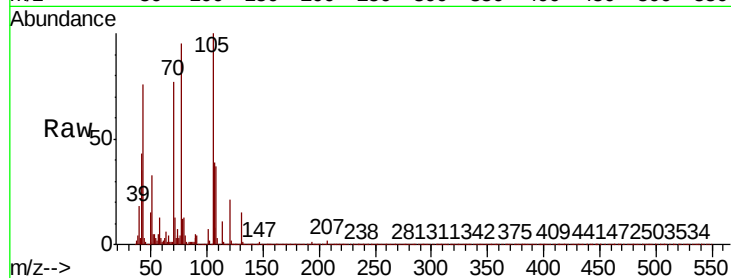




#19
n-Nitroso-di-n-propylamine
Concen: 51.421 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

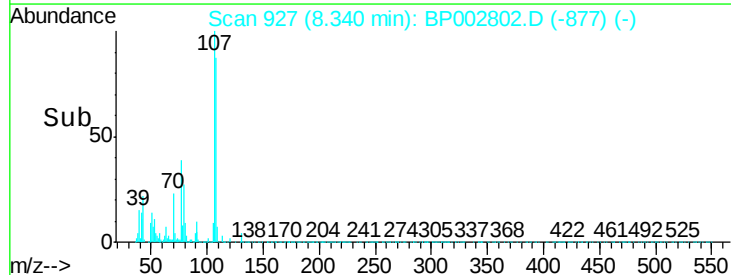
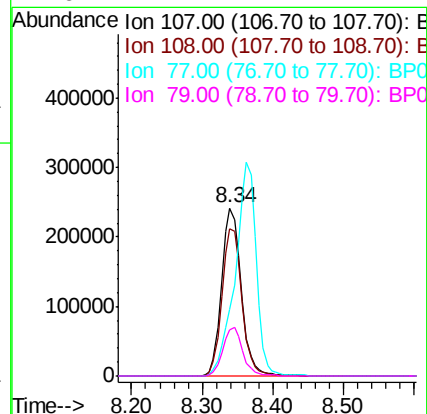
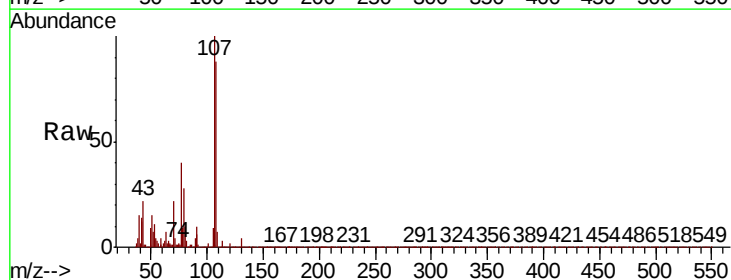
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

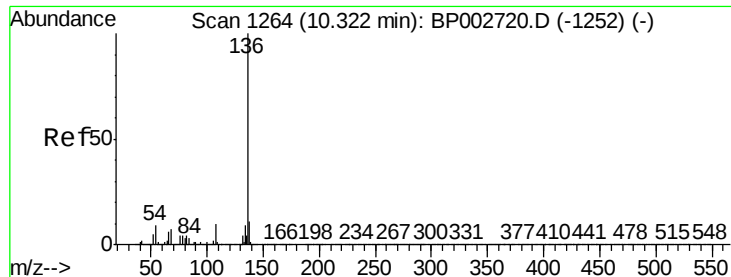
Tot Ion:	70	Resp:	324309
Ion	Ratio	Lower	Upper
70	100		
42	55.7	44.2	66.4
101	9.7	7.7	11.5
130	19.1	15.3	22.9



#20
3+4-Methylphenols
Concen: 46.639 ng
RT: 8.34 min Scan# 927
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:	107	Resp:	466115
Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.5	109.5
77	40.0	14.3	54.3
79	27.7	7.7	47.7

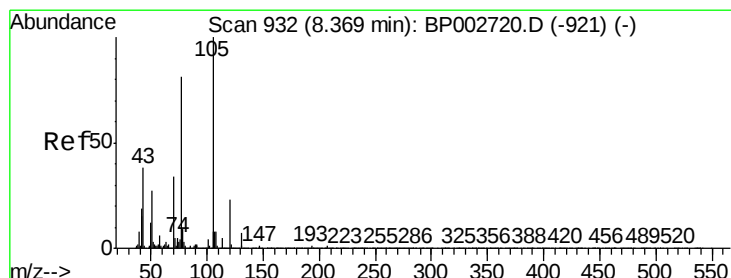
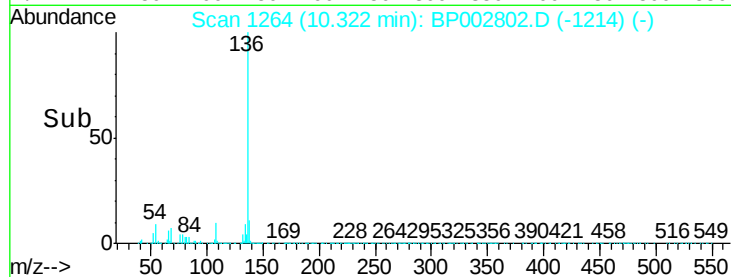
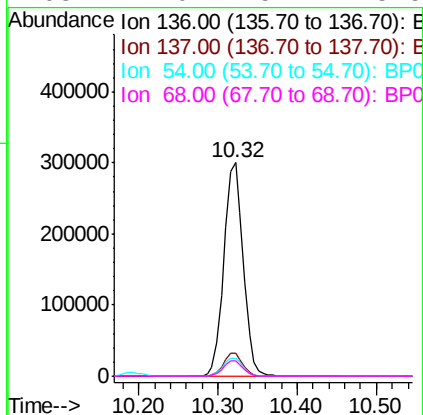
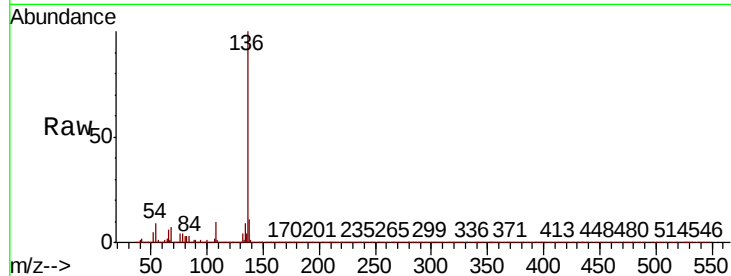




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

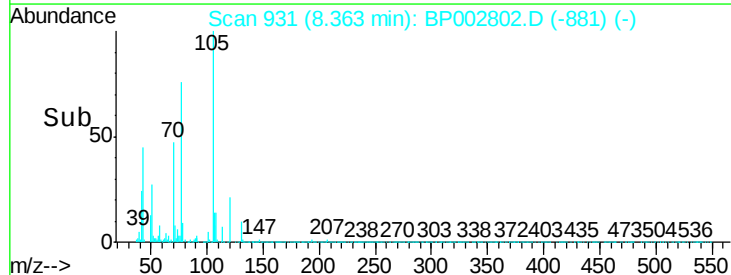
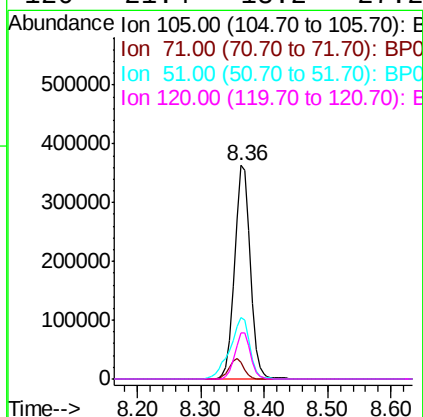
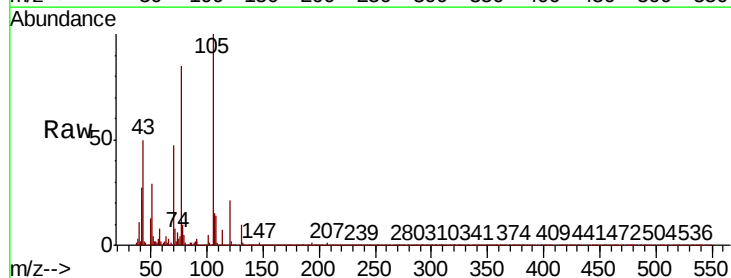
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

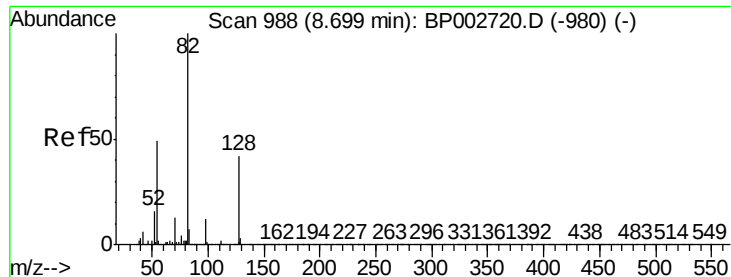
Tot Ion:136	Resp:	504654	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.6	13.0	
54 8.7	6.9	10.3	
68 7.0	5.7	8.5	



#22
Acetophenone
Concen: 48.884 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt	Ion:105	Resp:	608165
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	28.8	21.8	32.8
120	21.4	18.2	27.2

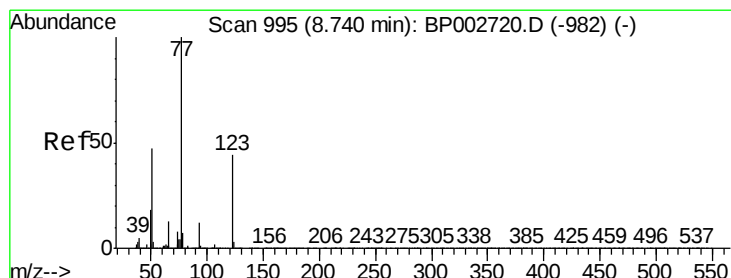
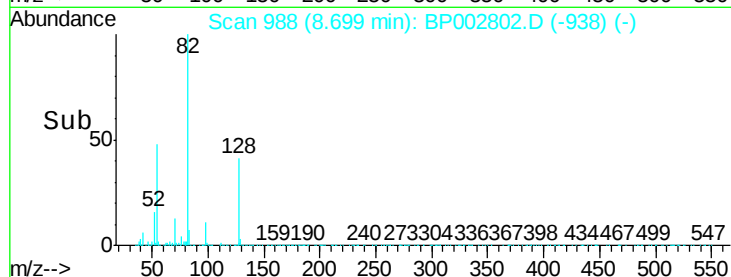
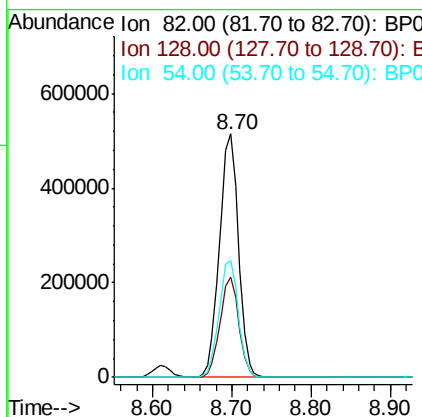
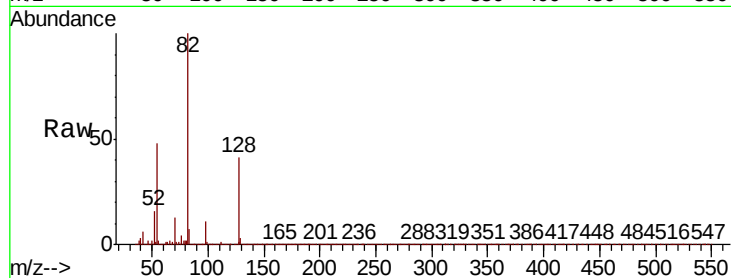




#23
 Nitrobenzene-d5
 Concen: 90.896 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

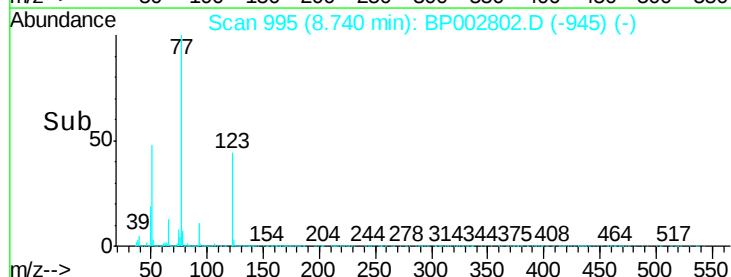
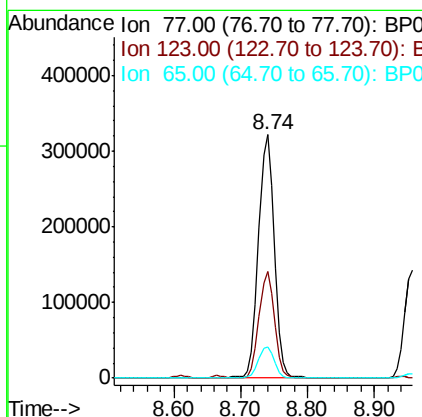
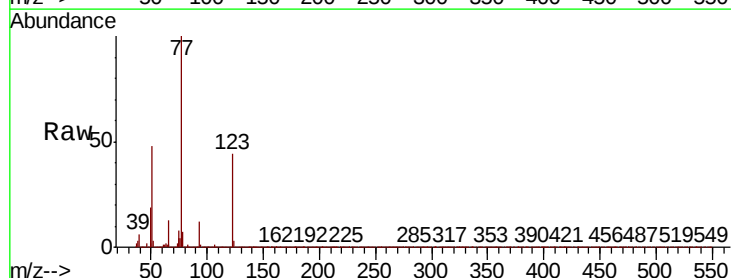
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MSD

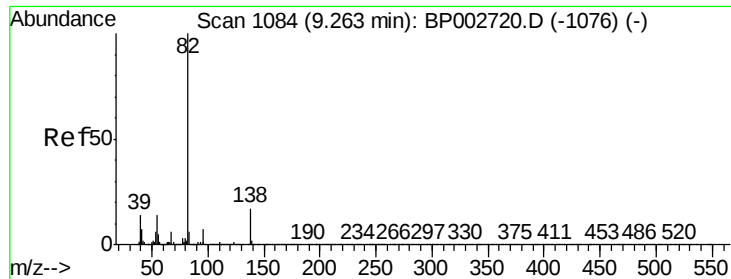
Tot Ion	82	Resp	857666
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.8	50.8
54	48.3	38.8	58.2



#24
 Nitrobenzene
 Concen: 50.383 ng
 RT: 8.74 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

Tgt Ion	77	Resp	514861
Ion Ratio	Lower	Upper	
77	100		
123	43.9	35.0	52.6
65	12.9	10.4	15.6





#25

Isophorone

Concen: 49.510 ng

RT: 9.26 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

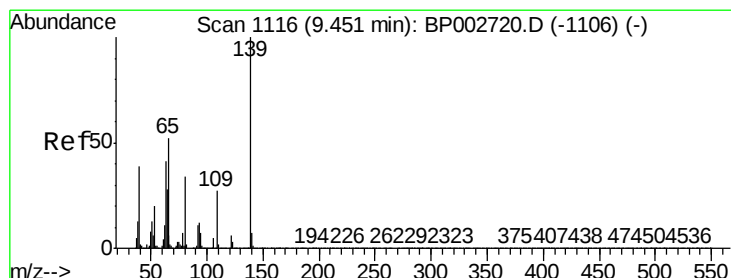
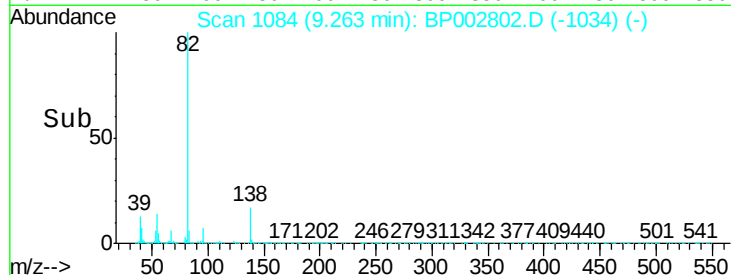
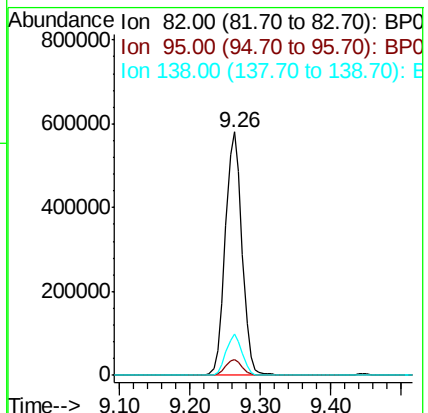
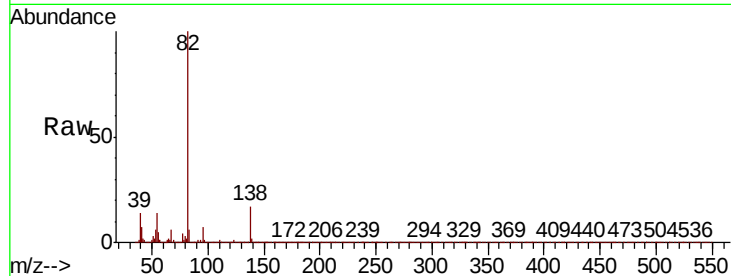
Tot Ion: 82 Resp: 952128

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.9 13.2 19.8



#26

2-Nitrophenol

Concen: 51.982 ng

RT: 9.45 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

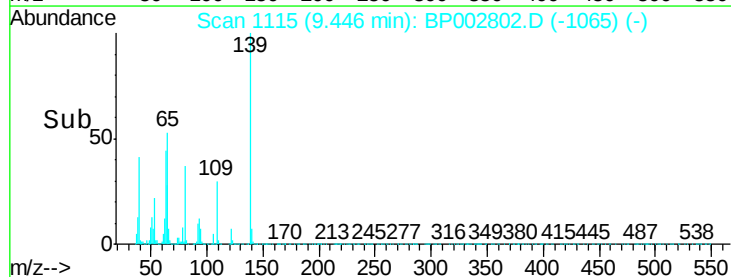
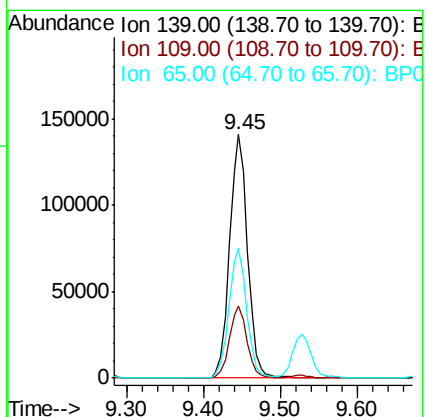
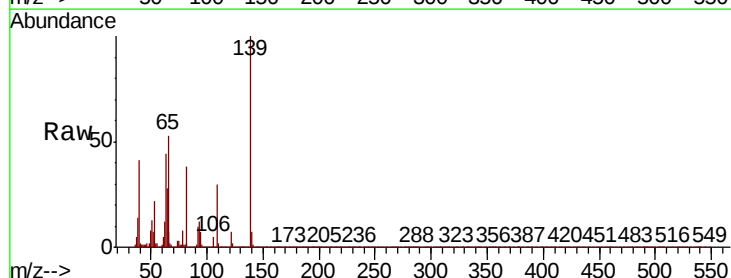
Tgt Ion: 139 Resp: 229431

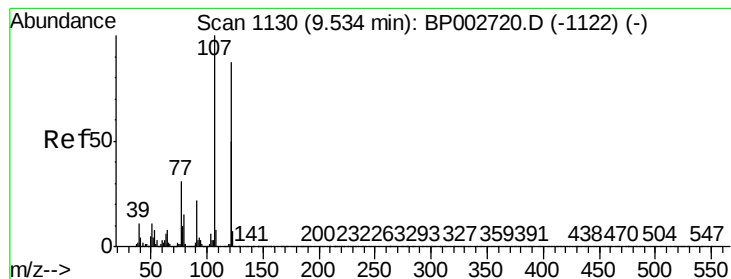
Ion Ratio Lower Upper

139 100

109 29.8 21.9 32.9

65 53.1 41.3 61.9





#27

2,4-Dimethylphenol

Concen: 53.215 ng

RT: 9.53 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

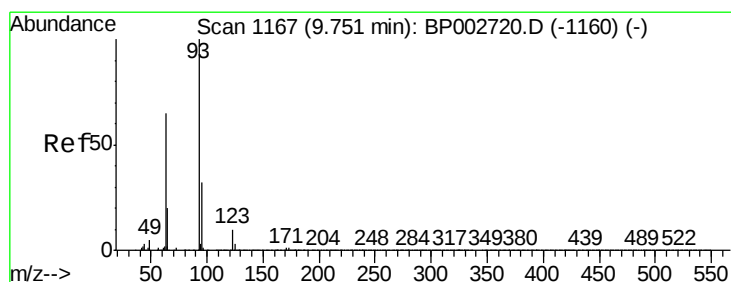
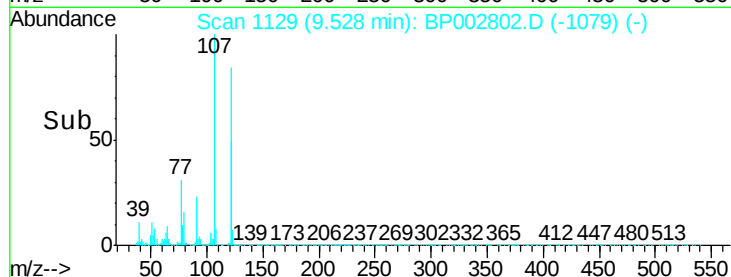
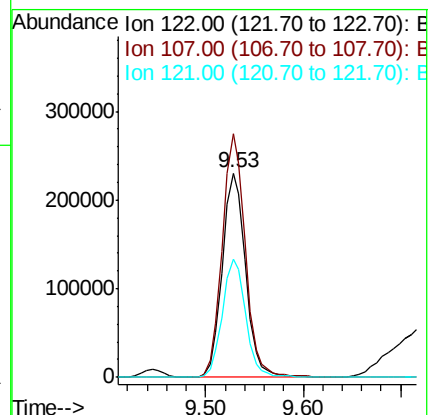
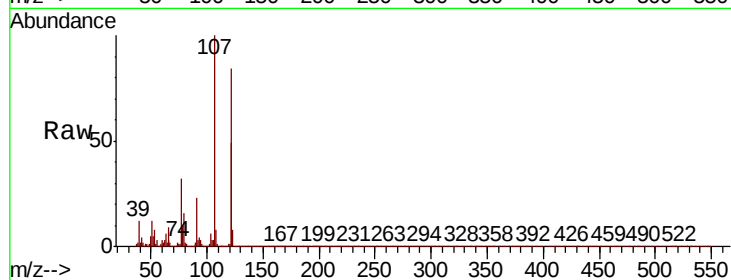
Tot Ion:122 Resp: 381317

Ion Ratio Lower Upper

122 100

107 119.1 92.2 138.4

121 57.8 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 50.003 ng

RT: 9.75 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

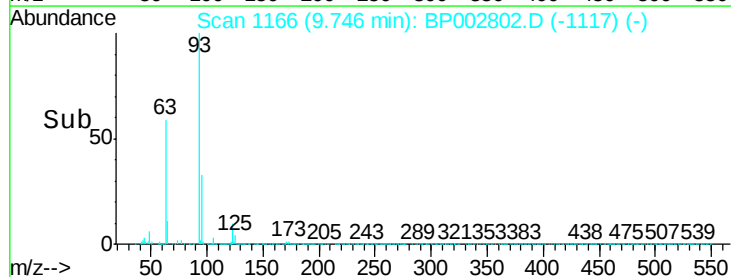
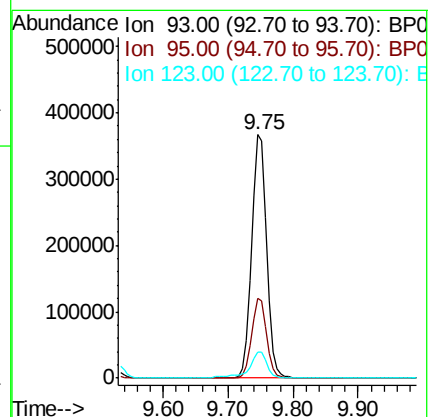
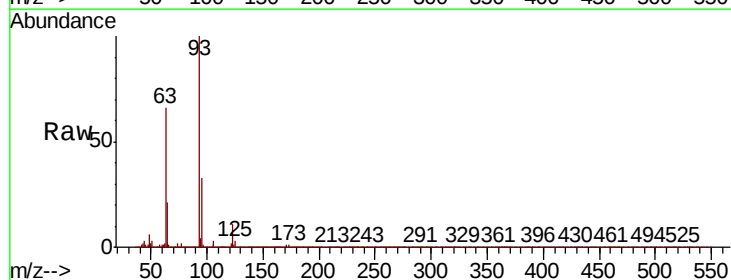
Tgt Ion: 93 Resp: 584073

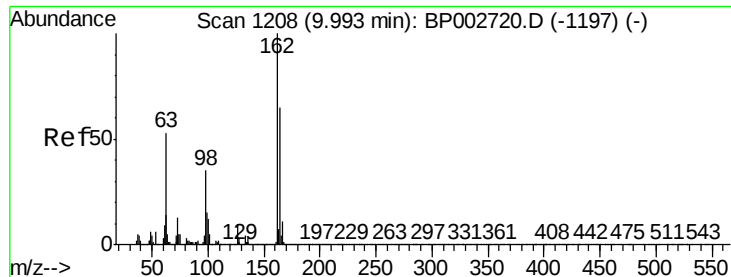
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 10.7 8.9 13.3

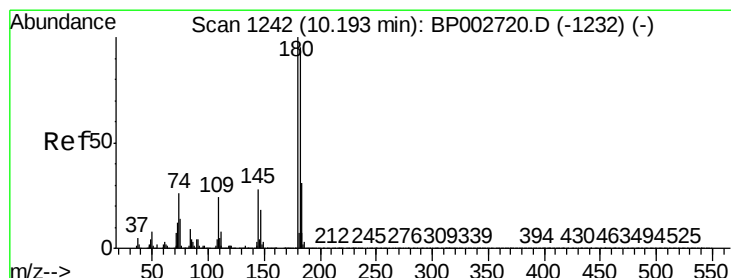
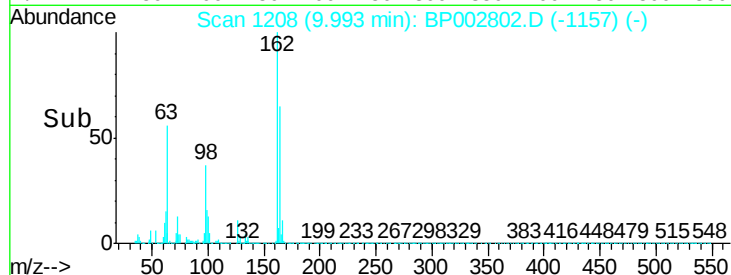
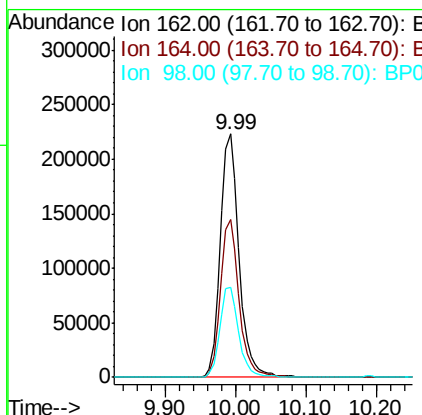
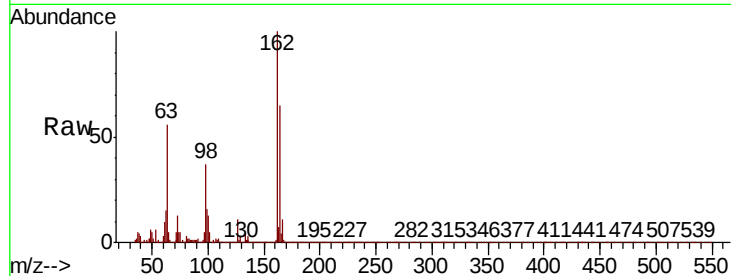




#29
 2,4-Dichlorophenol
 Concen: 52.356 ng
 RT: 9.99 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

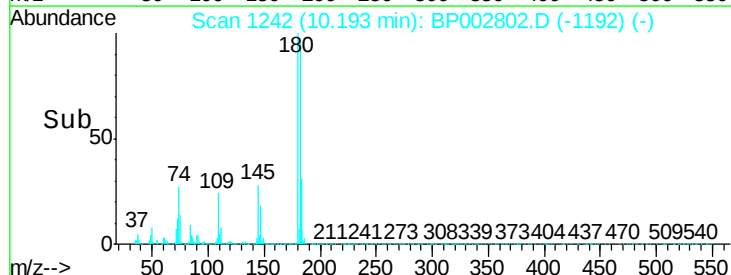
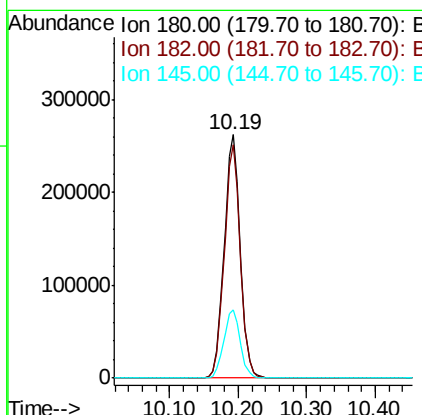
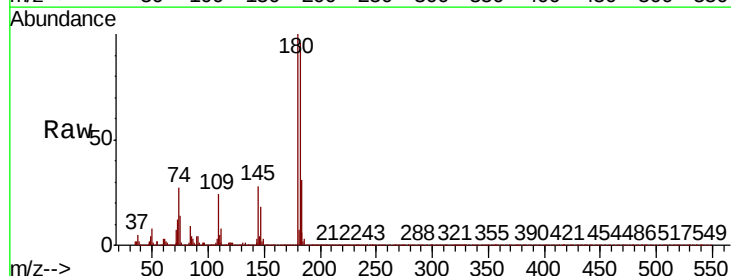
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MSD

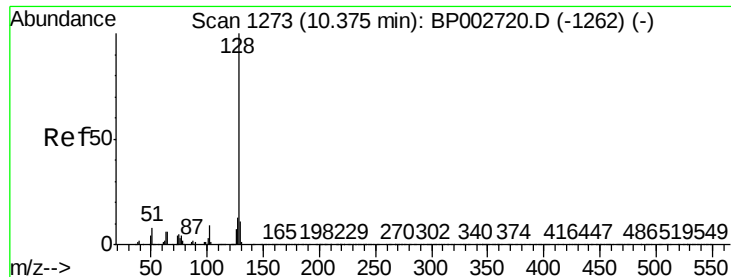
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.5	84.5
98	36.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 47.005 ng
 RT: 10.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	28.2	22.6	34.0

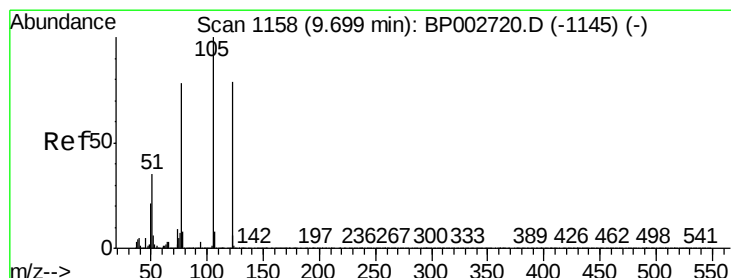
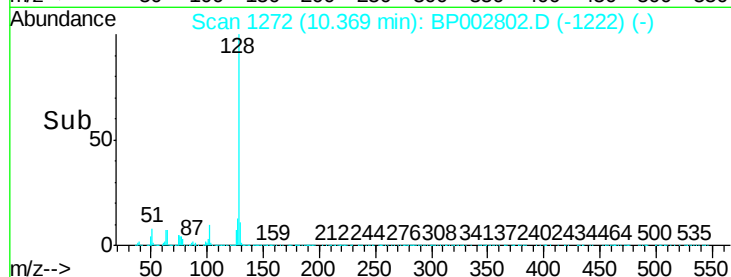
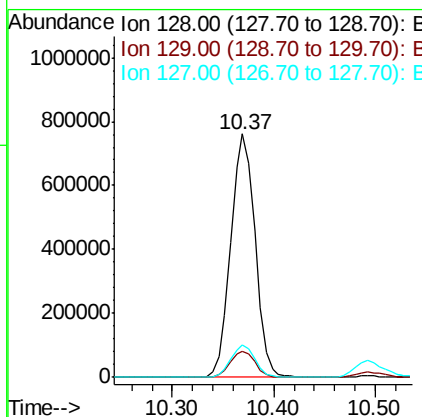
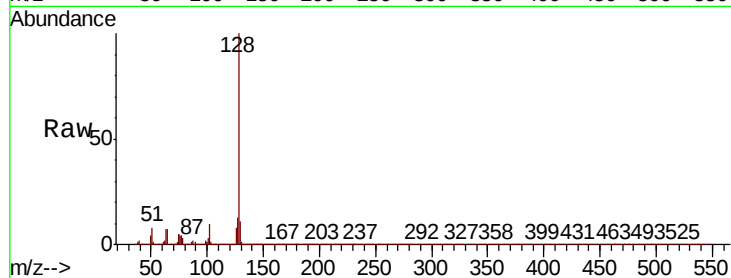




#31
Naphthalene
Concen: 47.659 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

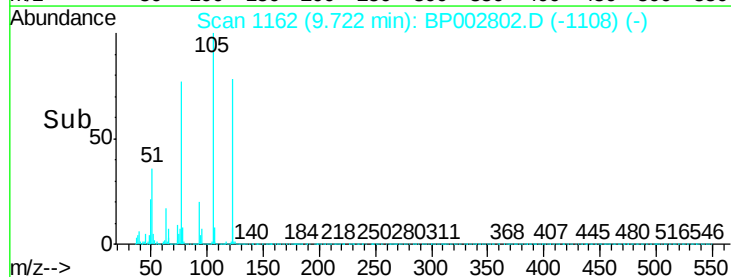
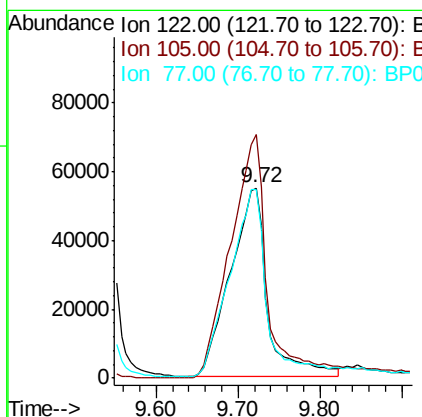
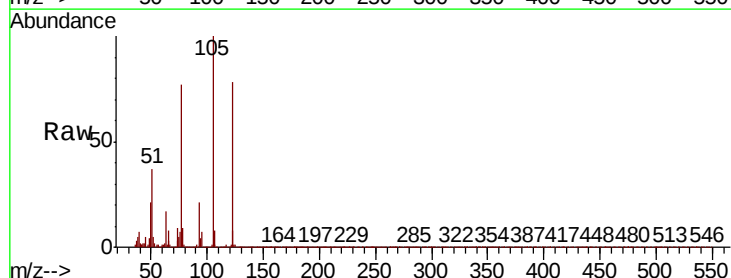
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

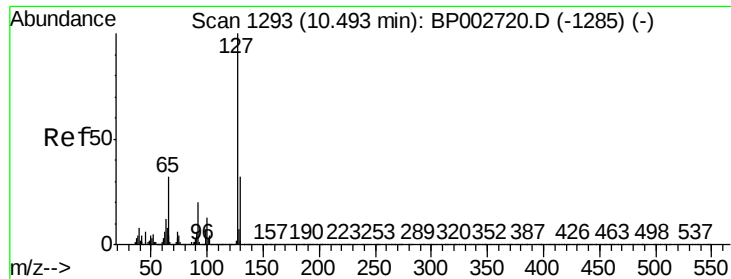
Tot Ion:128 Resp: 1269792
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 33.642 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:122 Resp: 172771
Ion Ratio Lower Upper
122 100
105 127.8 105.4 145.4
77 99.0 78.5 118.5

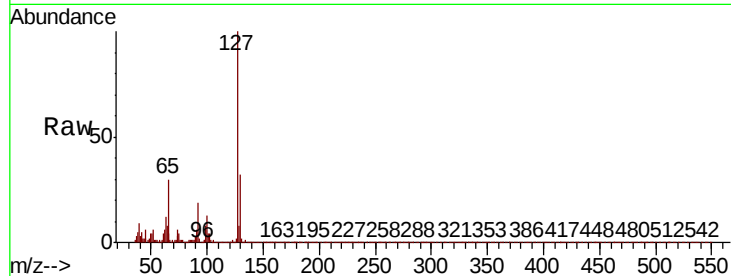




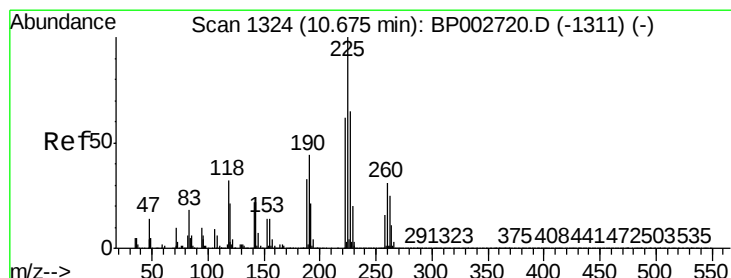
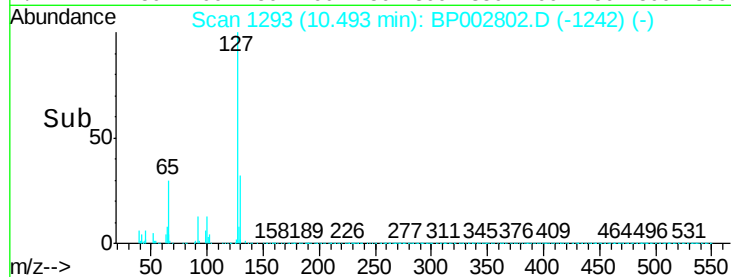
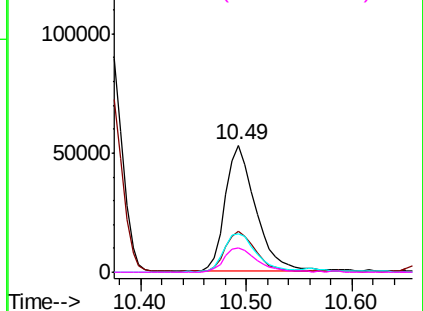
#33
4-Chloroaniline
Concen: 9.369 ng
RT: 10.49 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

Tot Ion:	127	Resp:	106960
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	30.2	25.4	38.2
92	19.4	15.8	23.8

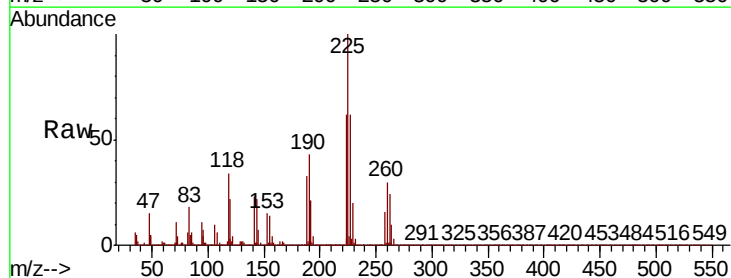


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

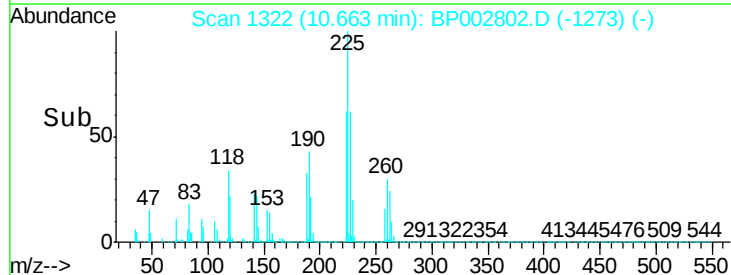
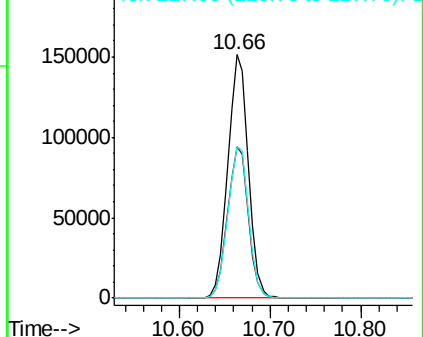


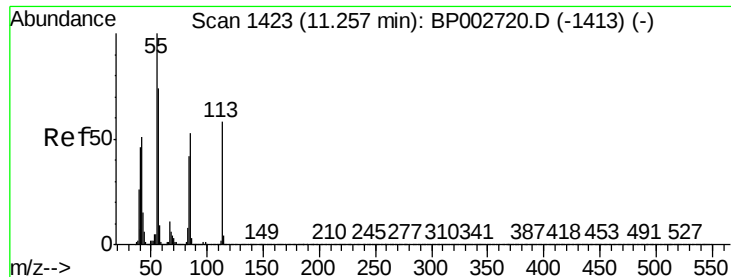
#34
Hexachlorobutadiene
Concen: 45.421 ng
RT: 10.66 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:	225	Resp:	237556
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.9	74.9
227	62.3	51.8	77.6



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

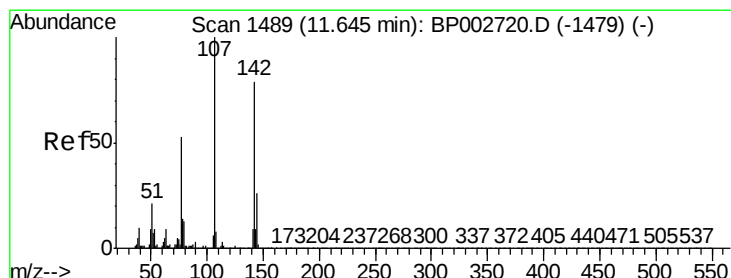
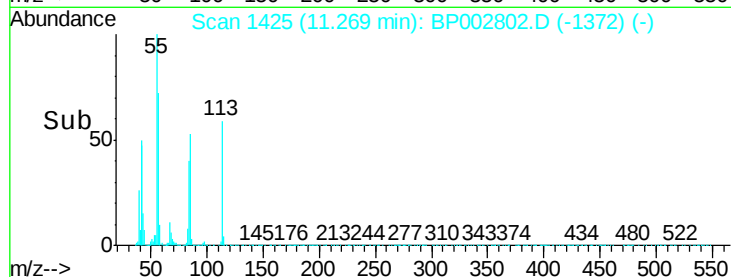
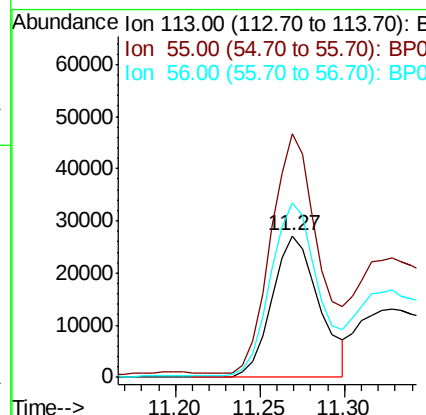
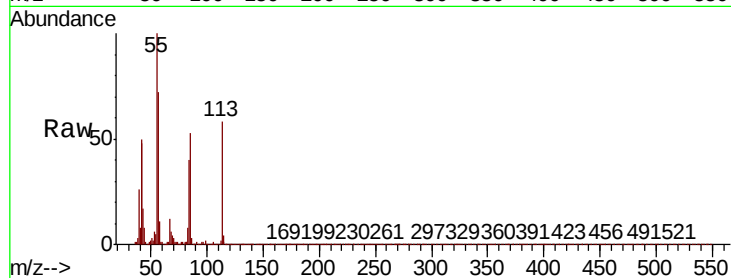




#35
Caprolactam
Concen: 19.000 ng
RT: 11.27 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

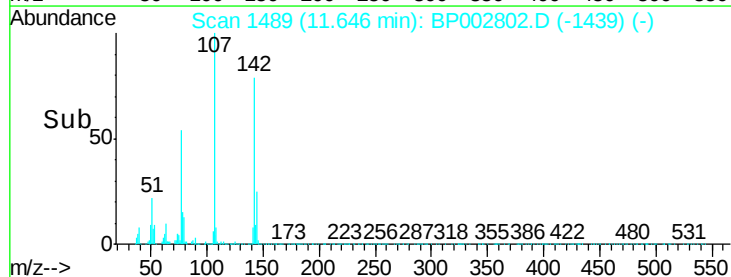
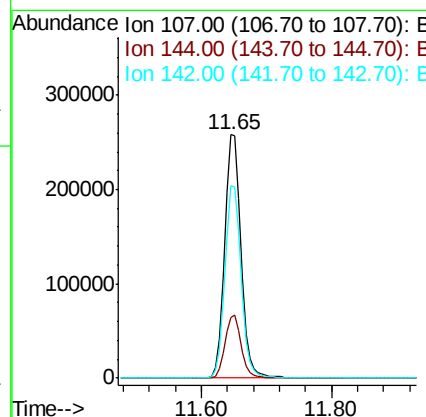
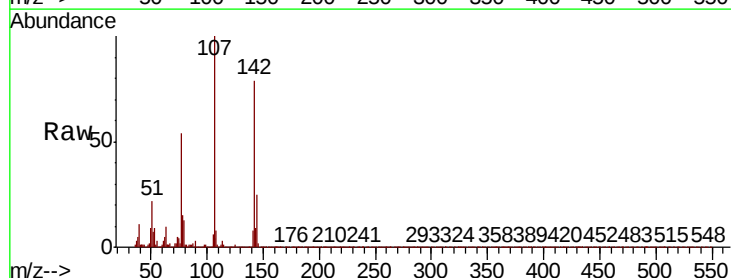
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

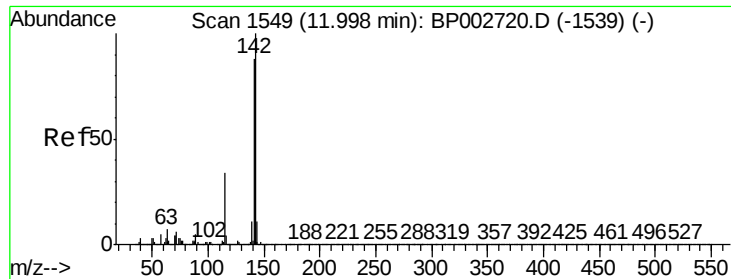
Tot Ion:113 Resp: 52481
Ion Ratio Lower Upper
113 100
55 171.7 152.8 192.8
56 123.4 107.5 147.5



#36
4-Chloro-3-methylphenol
Concen: 52.831 ng
RT: 11.65 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:107 Resp: 449893
Ion Ratio Lower Upper
107 100
144 25.1 20.6 30.8
142 78.9 63.4 95.2

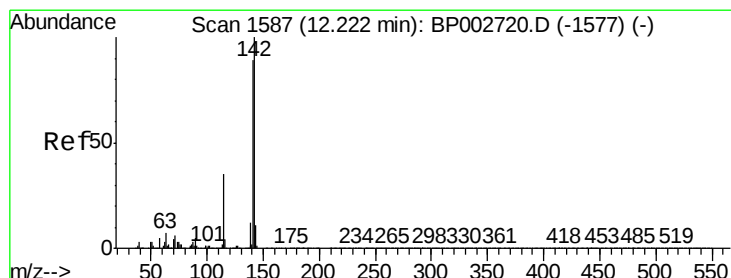
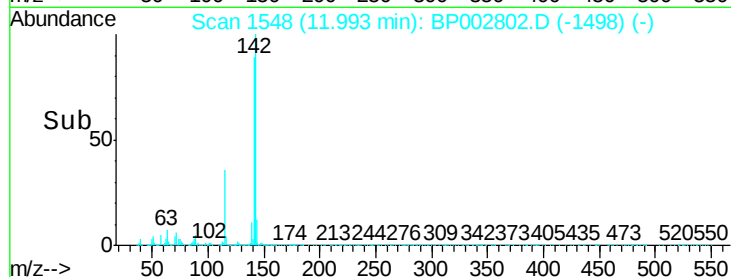
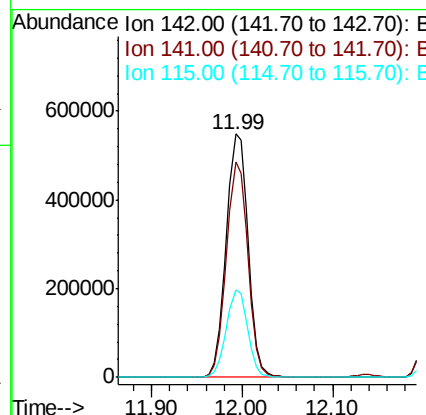
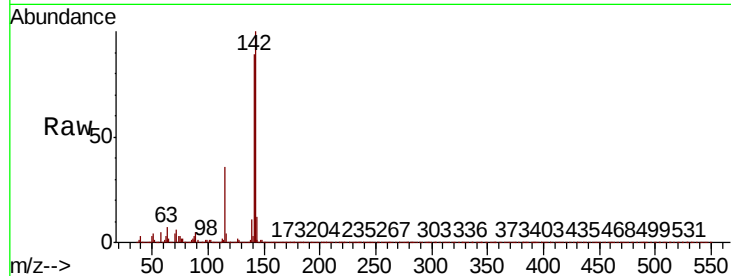




#37
2-Methylnaphthalene
Concen: 48.792 ng
RT: 11.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

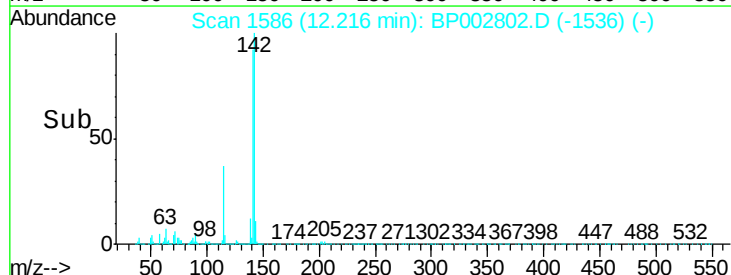
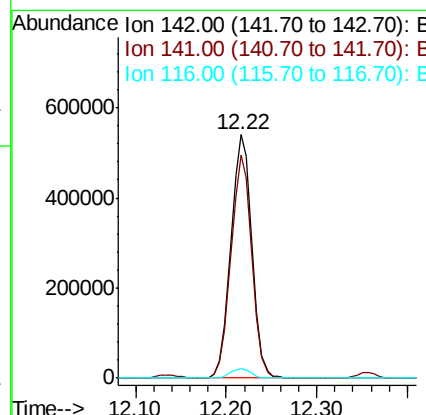
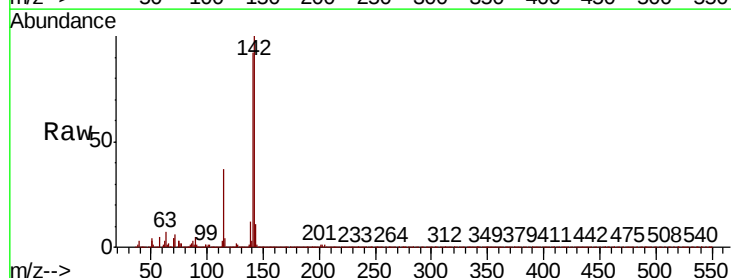
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

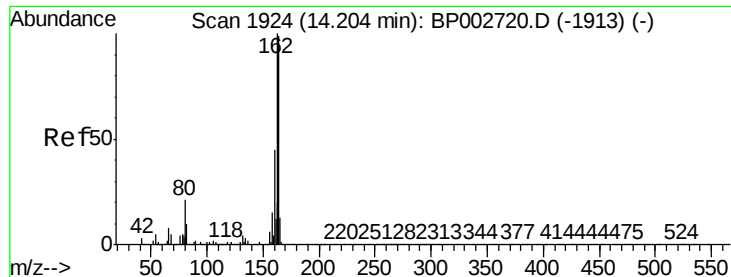
Tot Ion:142 Resp: 917347
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 35.8 27.0 40.6



#38
1-Methylnaphthalene
Concen: 48.482 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:142 Resp: 862153
Ion Ratio Lower Upper
142 100
141 91.8 71.5 107.3
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

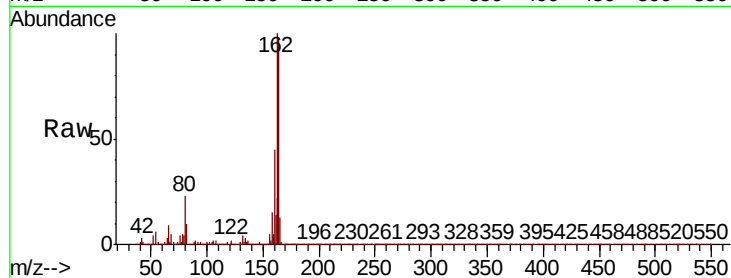
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:164 Resp: 307750

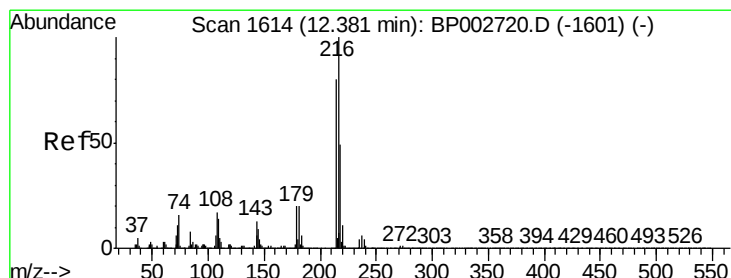
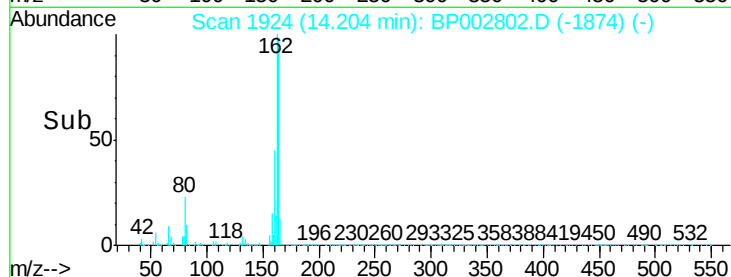
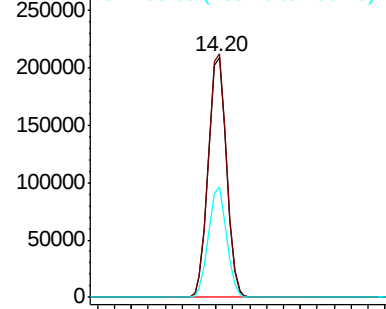
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	121.0
160	45.8	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.606 ng

RT: 12.37 min Scan# 1613

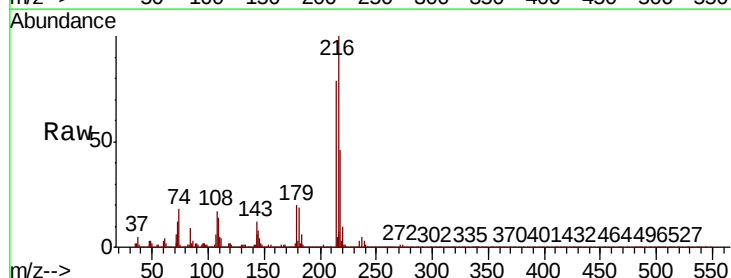
Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:216 Resp: 459711

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	20.0	16.2	24.2
108	18.0	14.8	22.2

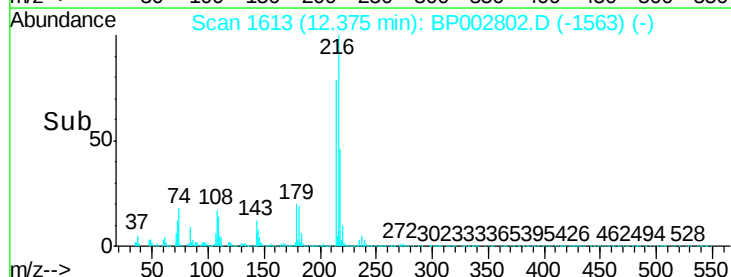
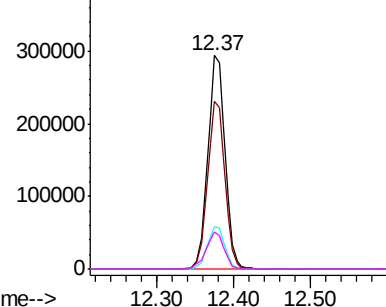


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.776 ng

RT: 12.36 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

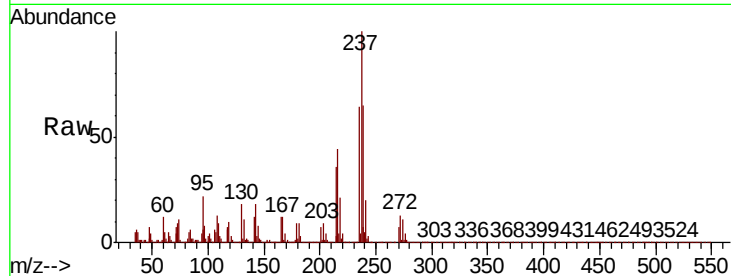
Tot Ion:237 Resp: 140136

Ion Ratio Lower Upper

237 100

235 63.7 42.3 82.3

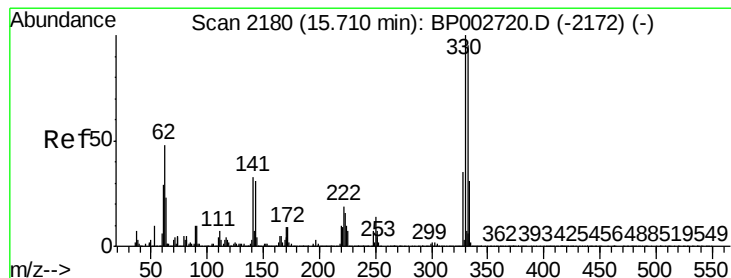
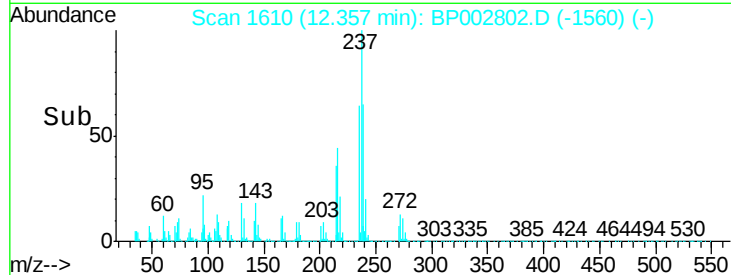
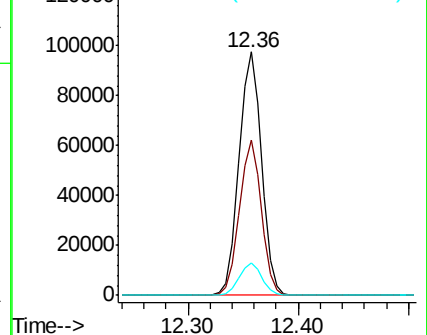
272 13.2 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.242 ng

RT: 15.71 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

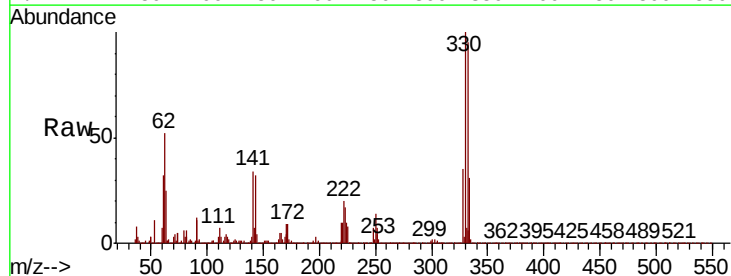
Tgt Ion:330 Resp: 428030

Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

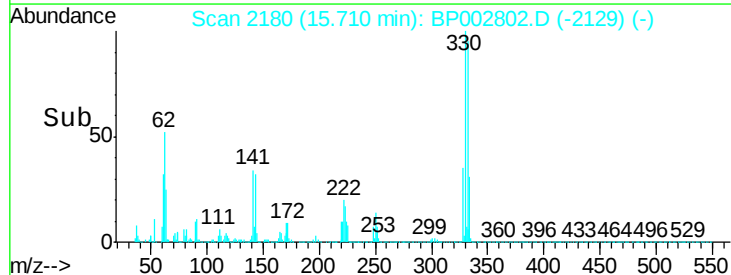
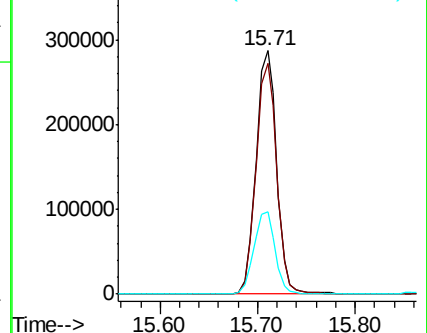
141 35.0 28.8 43.2

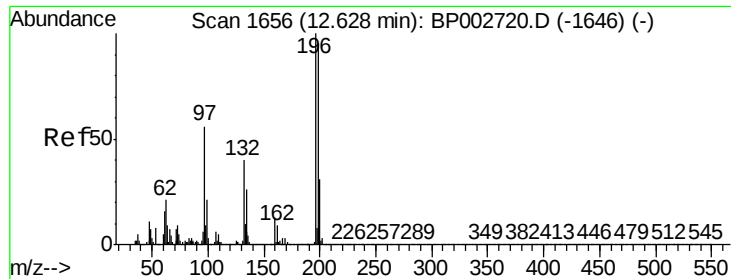


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

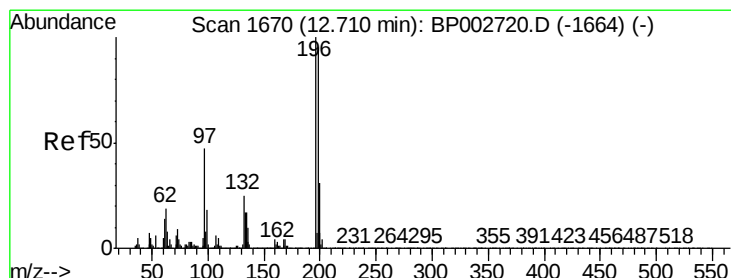
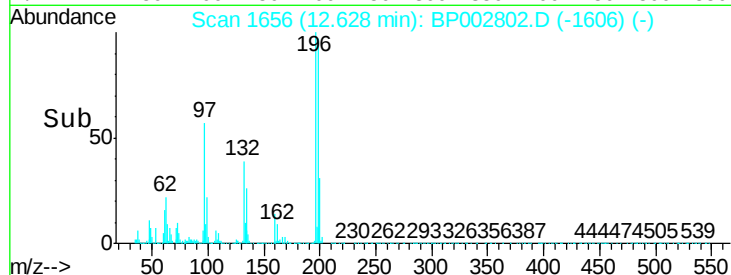
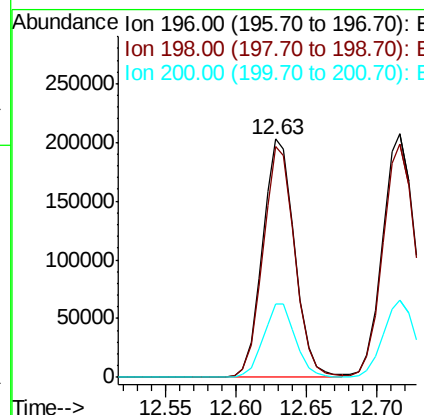
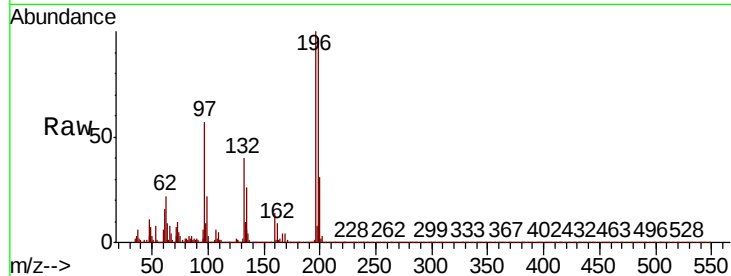




#43
 2,4,6-Trichlorophenol
 Concen: 53.408 ng
 RT: 12.63 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

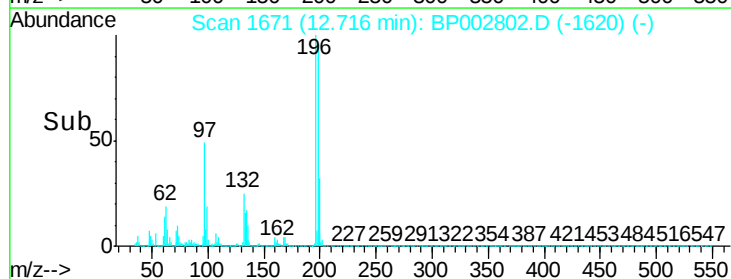
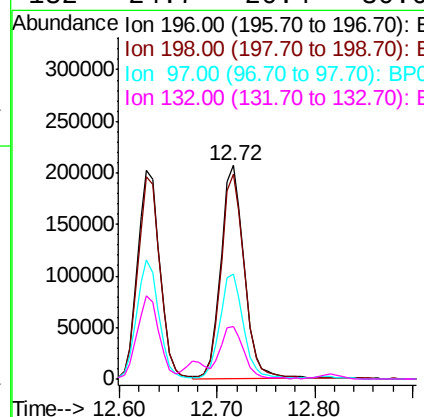
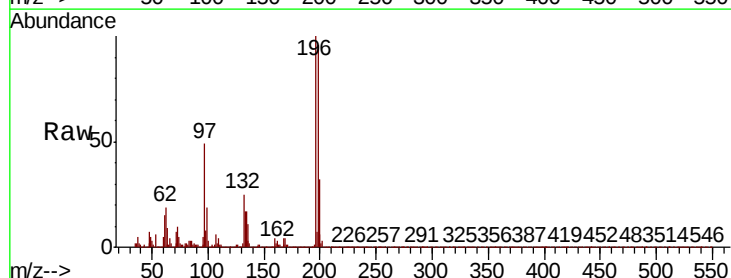
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MSD

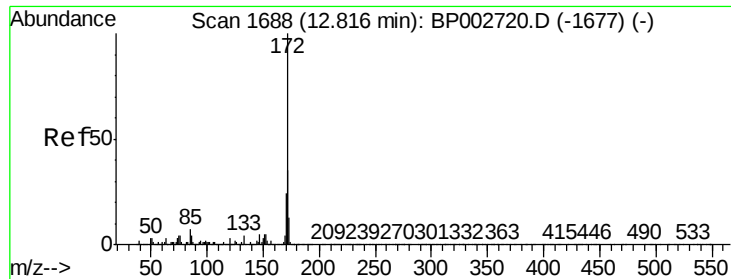
Tot Ion	196	Resp	323324
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.8	113.6
200	31.0	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 49.030 ng
 RT: 12.72 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

Tgt Ion	196	Resp	344267
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.8	113.6
97	49.3	38.0	57.0
132	24.7	20.4	30.6

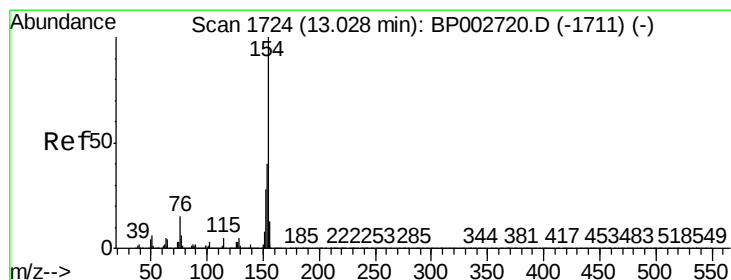
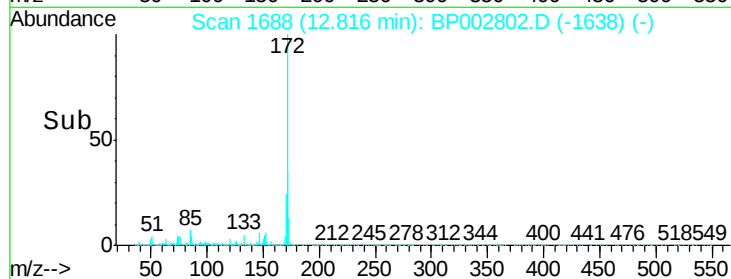
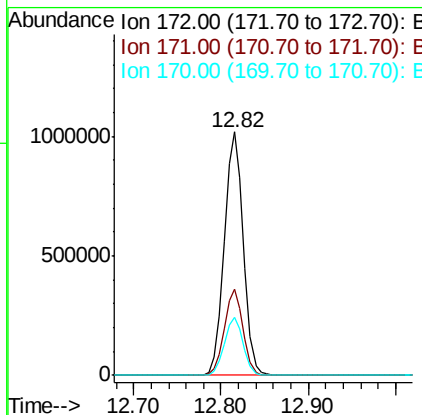
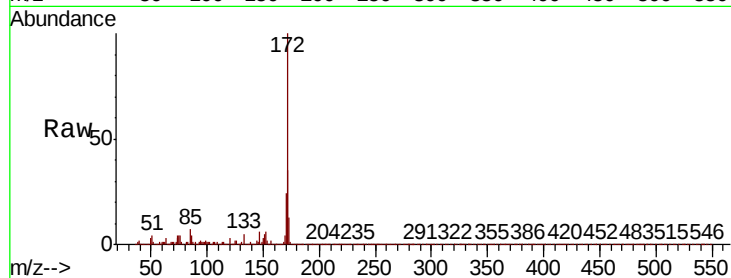




#45
2-Fluorobiphenyl
Concen: 76.529 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

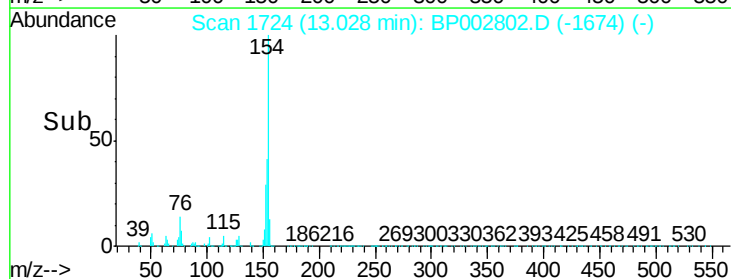
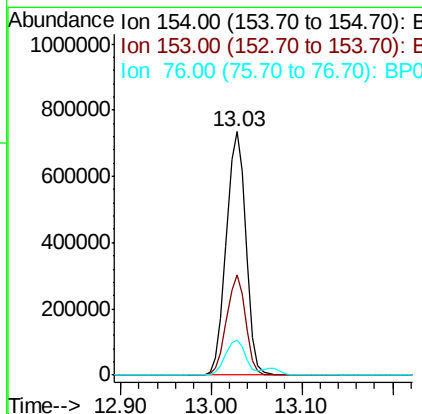
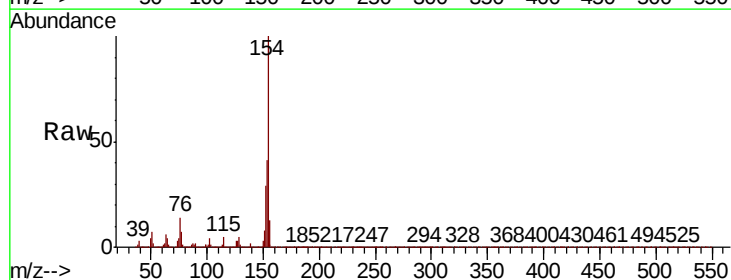
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

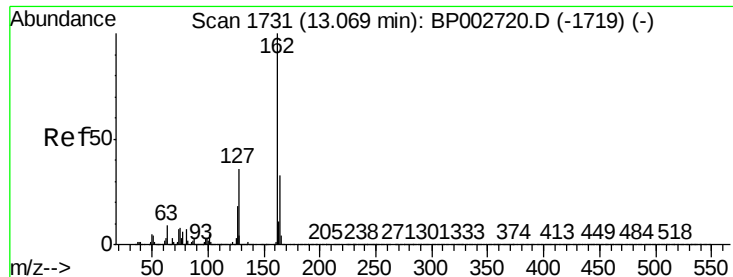
Tot Ion:172 Resp: 1522435
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.7 19.3 28.9



#46
1,1'-Biphenyl
Concen: 48.102 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:154 Resp: 1103610
Ion Ratio Lower Upper
154 100
153 41.0 19.8 59.8
76 14.4 0.0 34.7

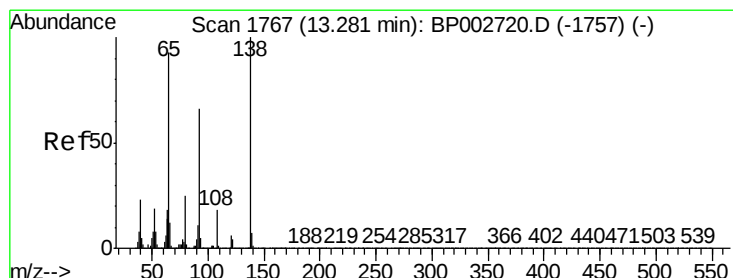
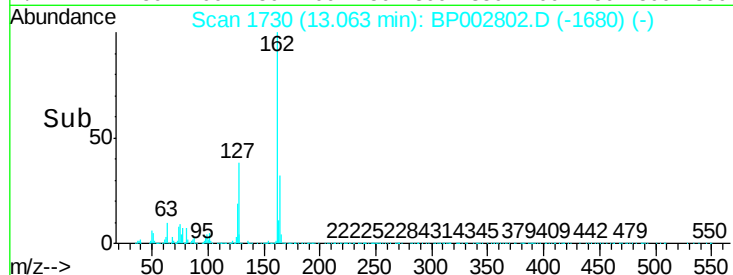
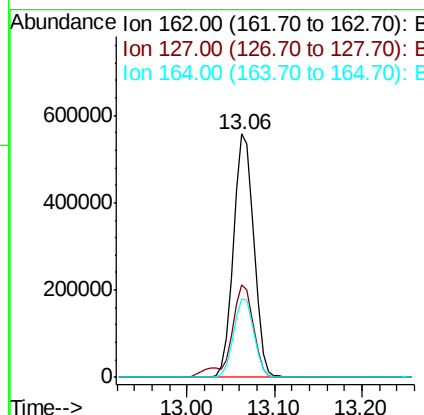
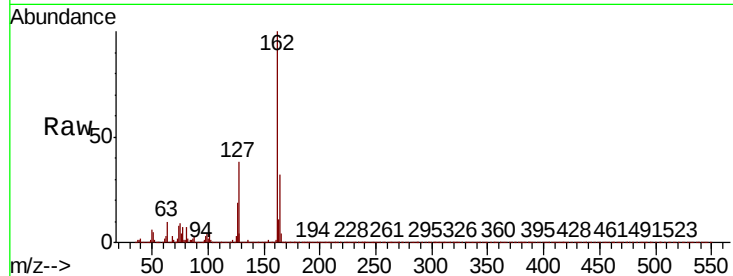




#47
2-Chloronaphthalene
Concen: 47.323 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

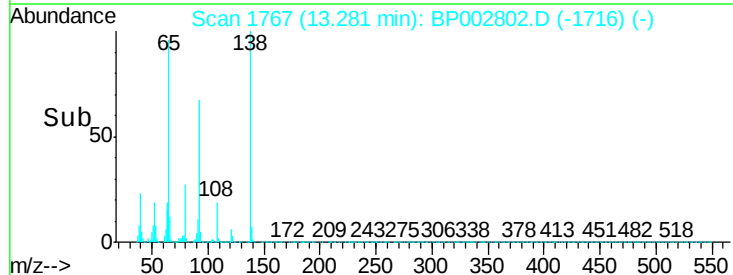
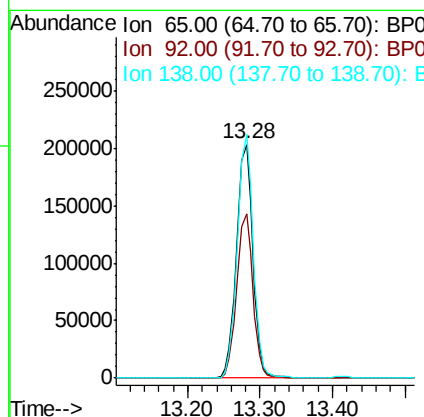
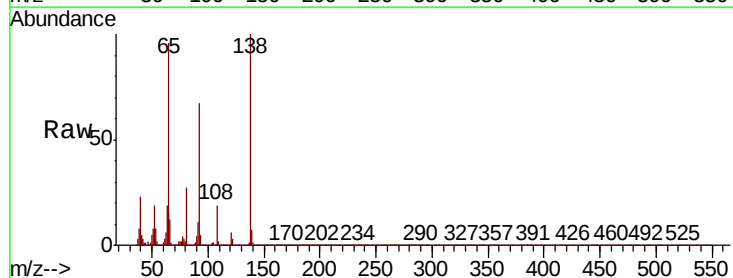
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

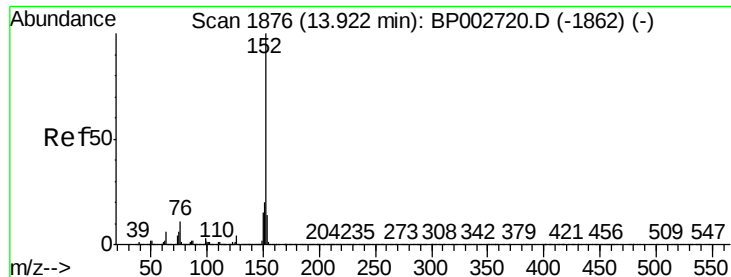
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.0	43.4
164	32.4	26.8	40.2



#48
2-Nitroaniline
Concen: 56.051 ng
RT: 13.28 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	57.0	85.6
138	104.1	86.0	129.0





#49

Acenaphthylene

Concen: 48.673 ng

RT: 13.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

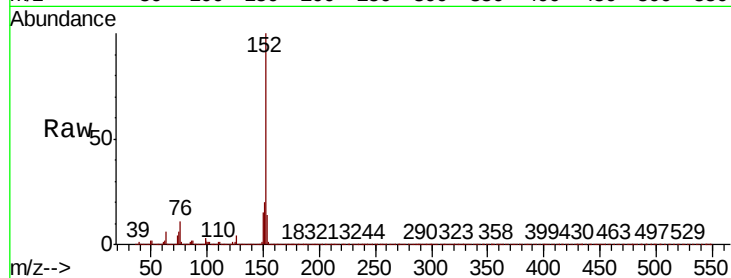
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:152 Resp: 1429865

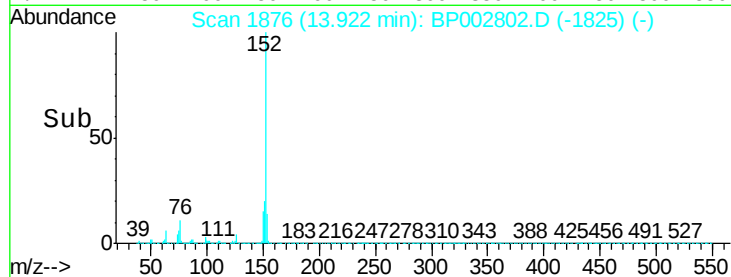
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.6	10.9	16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

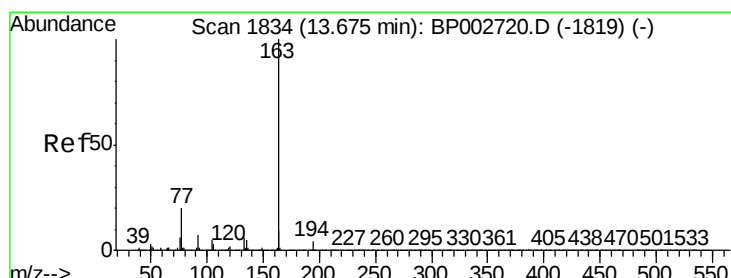
Ion 153.00 (152.70 to 153.70): E



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: 53.234 ng

RT: 13.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

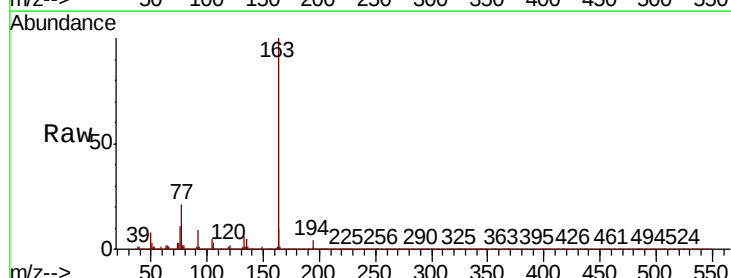
Tgt Ion:163 Resp: 1249414

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	7.8	11.8

Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

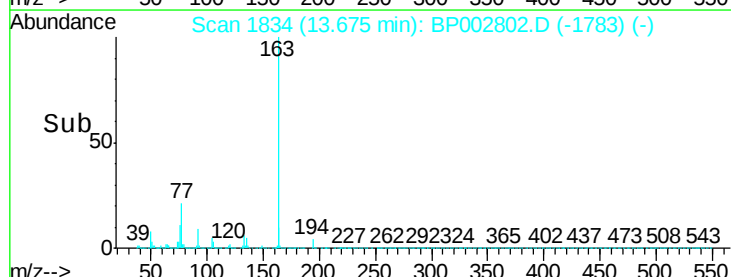
Ion 164.00 (163.70 to 164.70): E



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

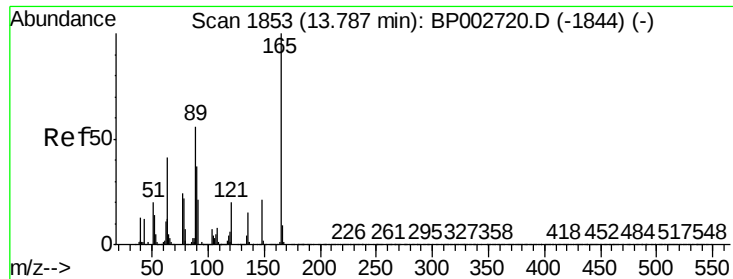
Ion 164.00 (163.70 to 164.70): E



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

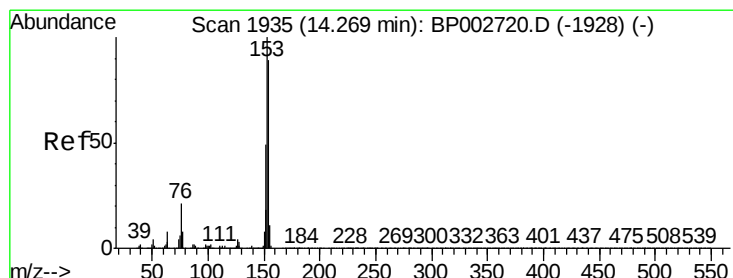
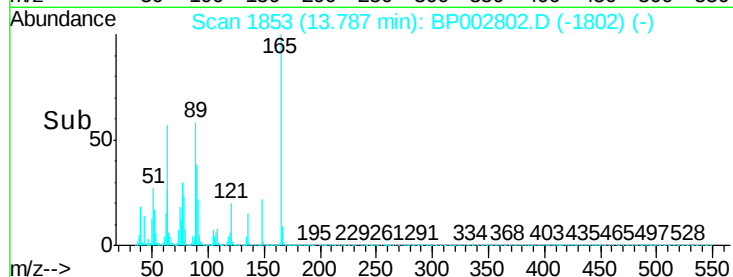
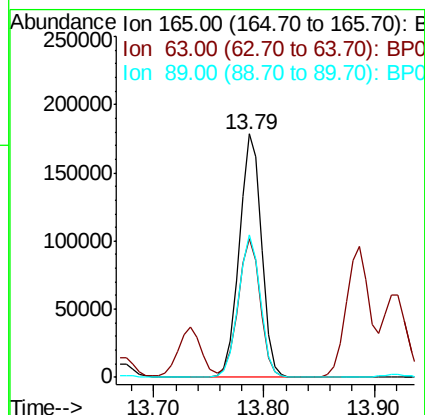
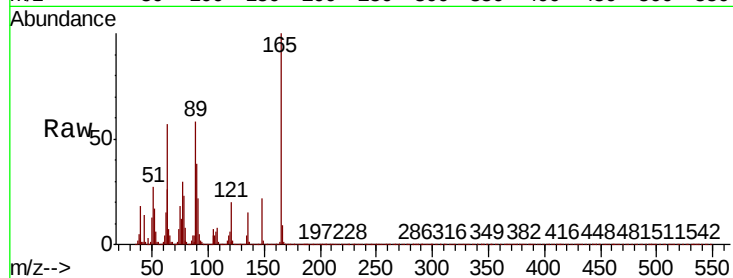
Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 50.075 ng
RT: 13.79 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

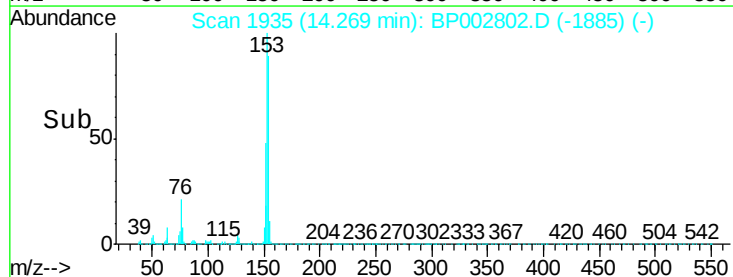
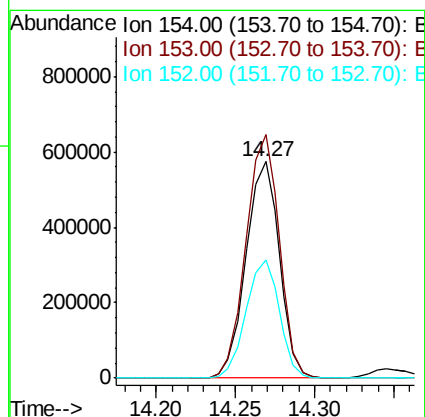
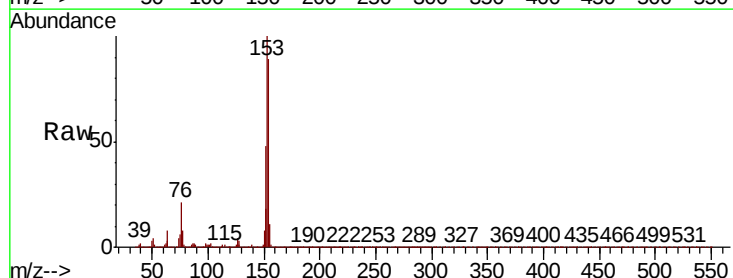
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

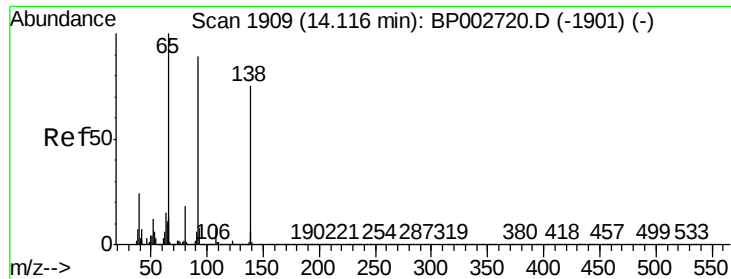
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.7	43.2	64.8
89	58.4	44.6	67.0



#52
Acenaphthene
Concen: 47.947 ng
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.1	135.1
152	54.4	43.8	65.6





#53

3-Nitroaniline

Concen: 23.493 ng

RT: 14.12 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

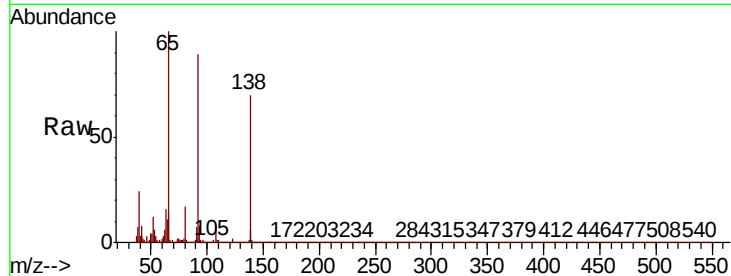
Tot Ion:138 Resp: 132071

Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.2

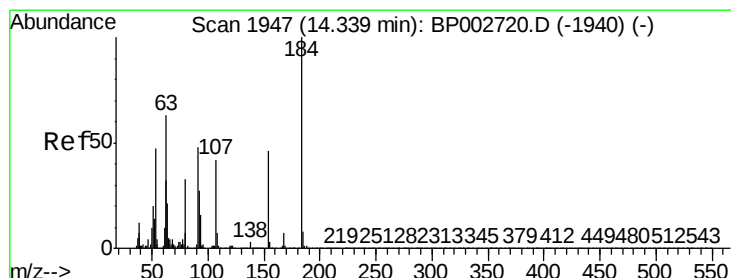
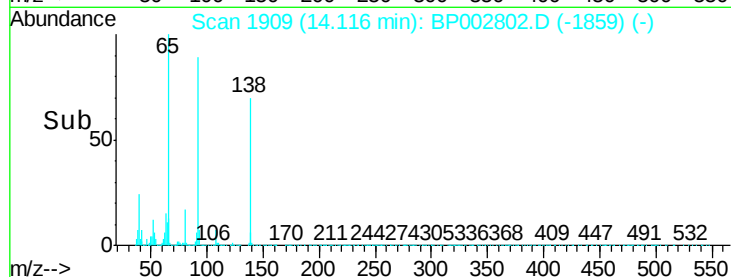
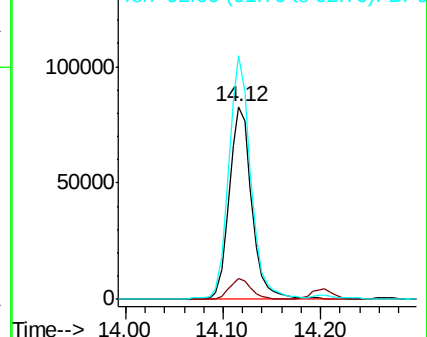
92 126.1 94.3 141.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0



#54

2,4-Dinitrophenol

Concen: 37.965 ng

RT: 14.35 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

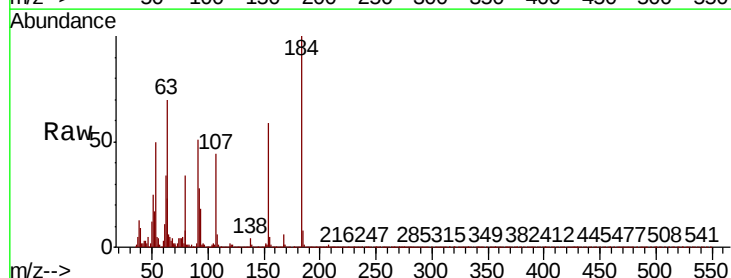
Tgt Ion:184 Resp: 86884

Ion Ratio Lower Upper

184 100

63 70.4 51.6 77.4

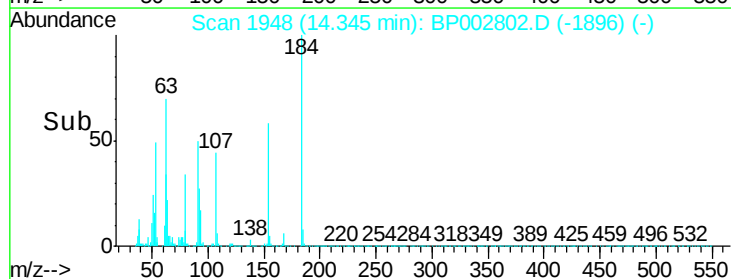
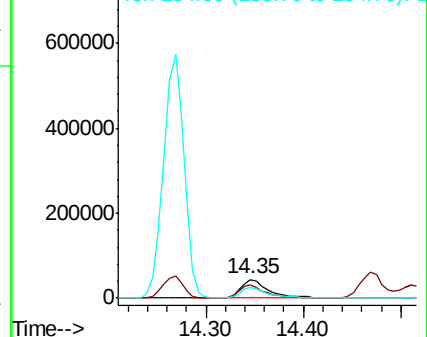
154 58.5 45.0 67.6

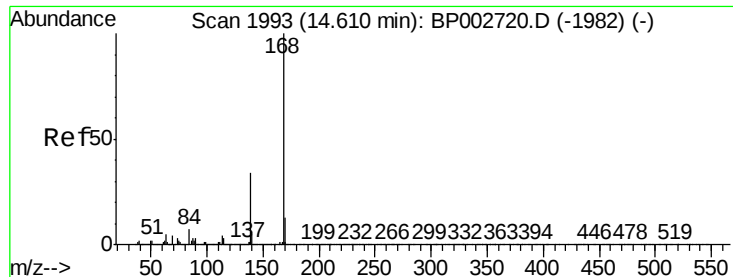


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.898 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

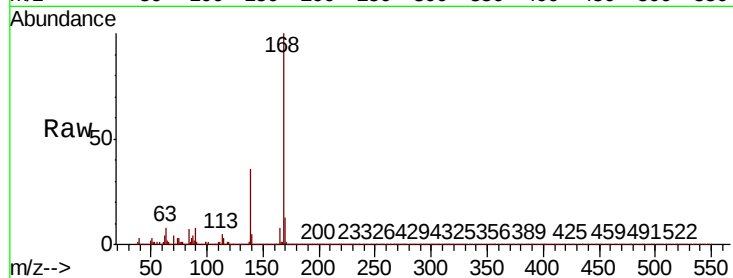
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:168 Resp: 1320567

Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.1	40.7
169	13.5	10.8	16.2

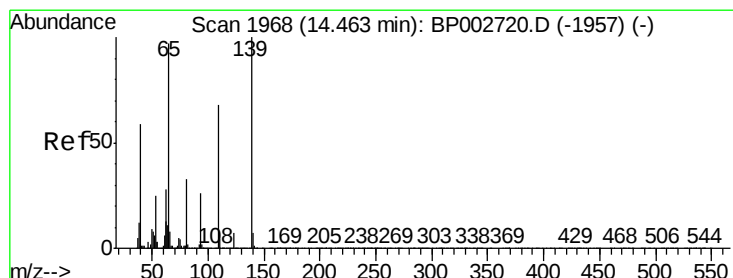
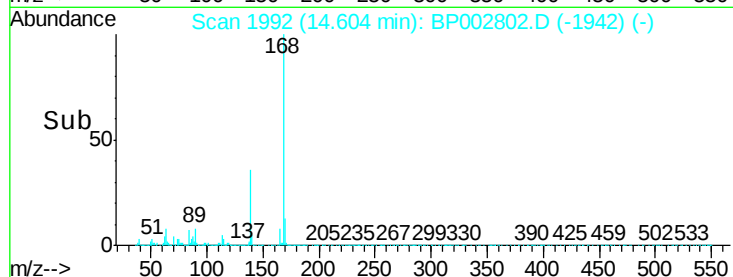
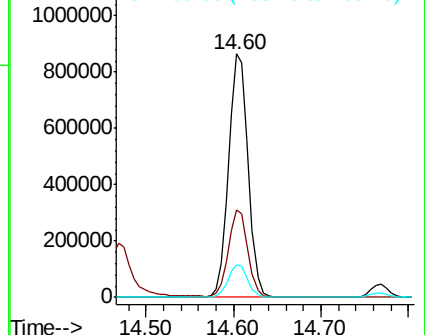


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.520 ng

RT: 14.47 min Scan# 1969

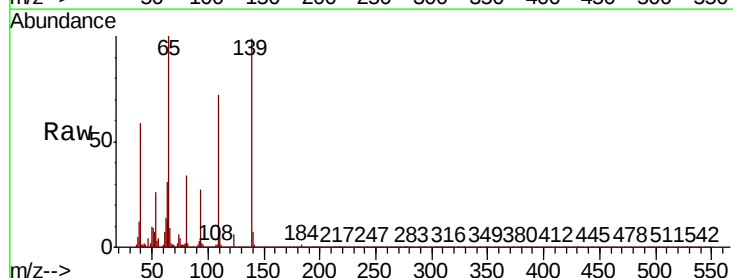
Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:139 Resp: 353283

Ion	Ratio	Lower	Upper
139	100		
109	72.8	48.1	88.1
65	100.7	77.9	117.9

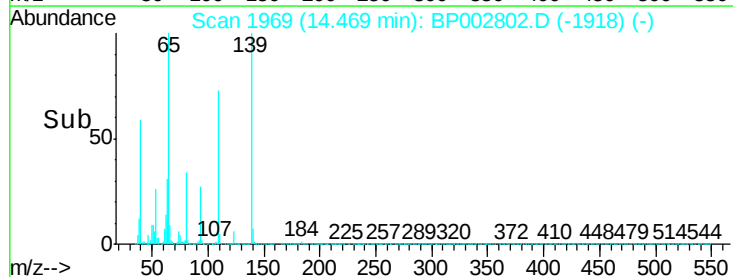
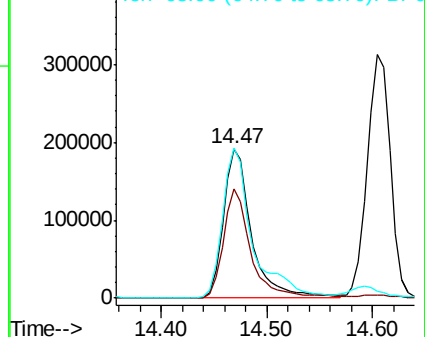


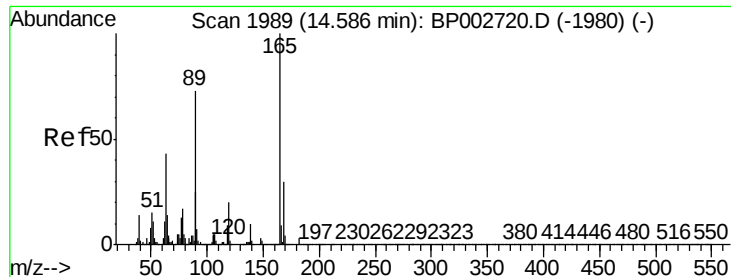
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

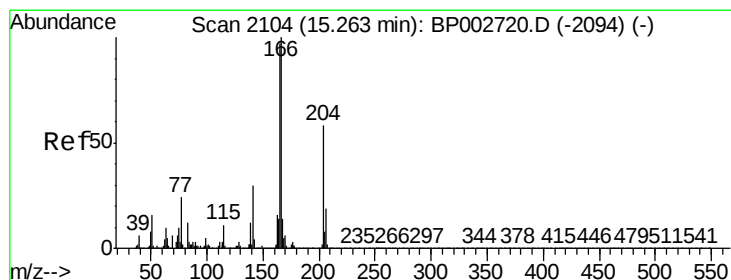
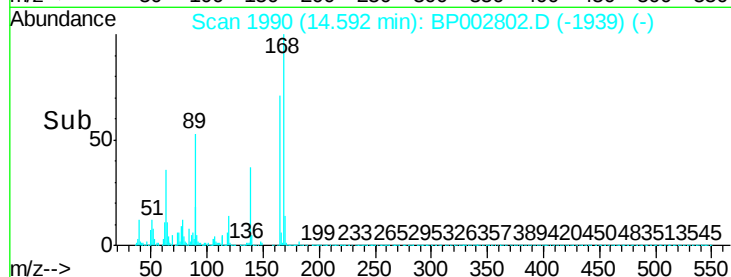
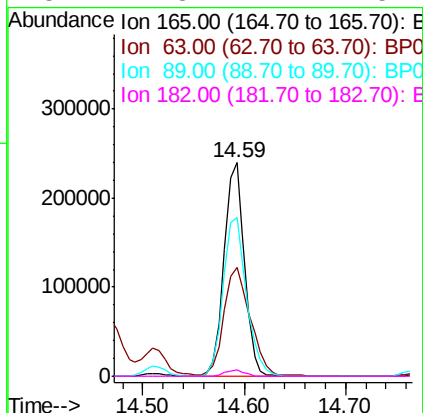
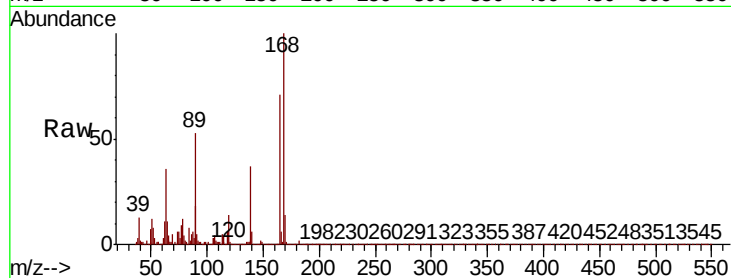




#57
 2,4-Dinitrotoluene
 Concen: 50.467 ng
 RT: 14.59 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

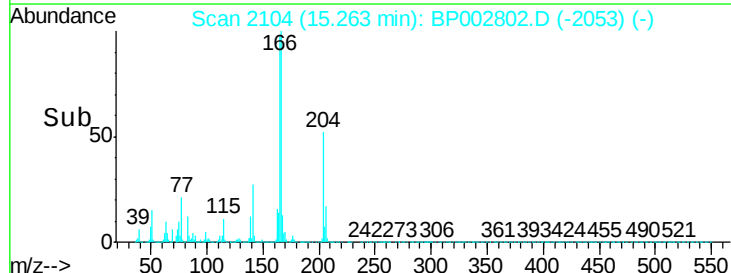
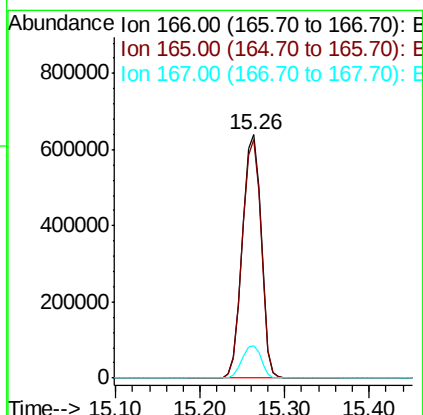
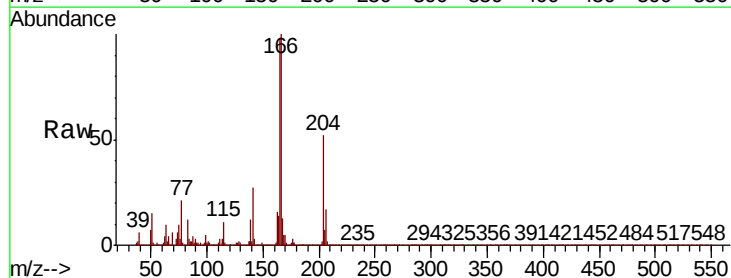
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MSD

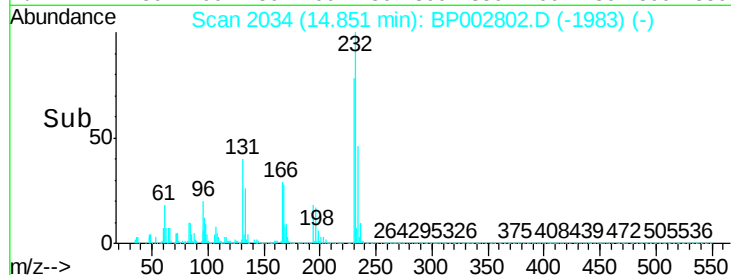
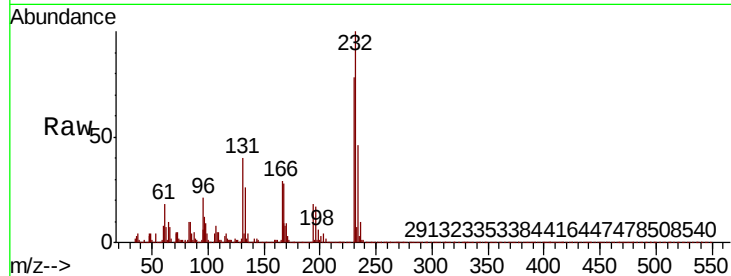
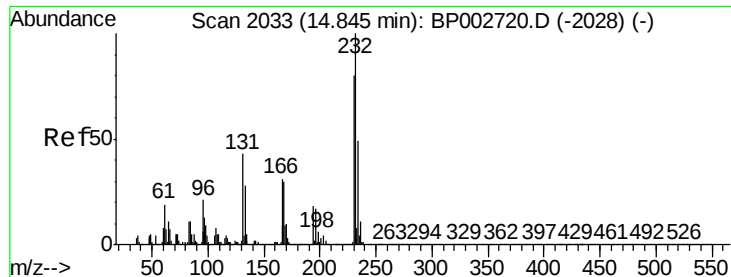
Tot Ion:165 Resp: 333961
 Ion Ratio Lower Upper
 165 100
 63 50.7 35.1 52.7
 89 74.2 58.4 87.6
 182 2.8 2.2 3.2



#58
 Fluorene
 Concen: 46.925 ng
 RT: 15.26 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

Tgt Ion:166 Resp: 977709
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.7 116.5
 167 13.4 11.0 16.6

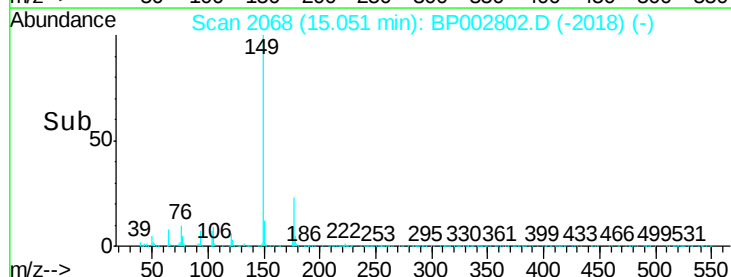
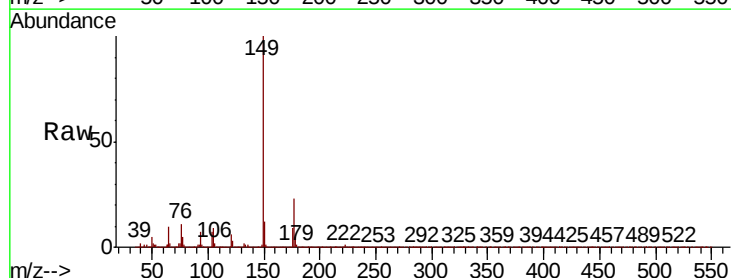
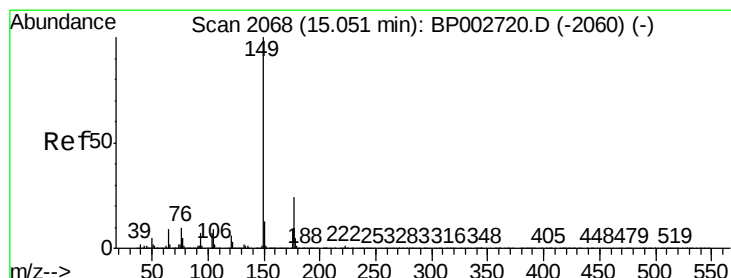
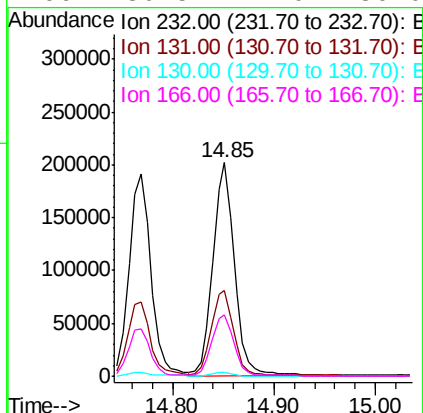




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.612 ng
RT: 14.85 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

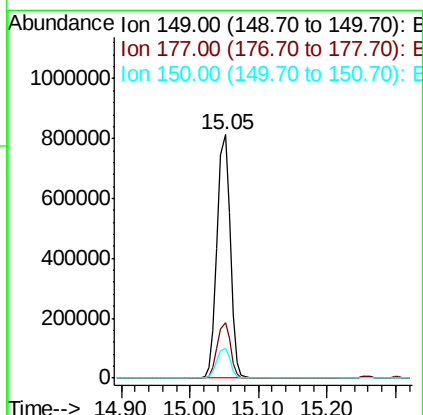
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

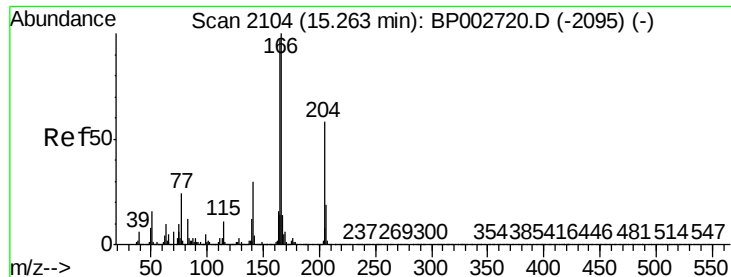
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.3	51.5
130	2.2	1.8	2.6
166	30.5	24.0	36.0



#60
Diethylphthalate
Concen: 47.161 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.2	10.1	15.1

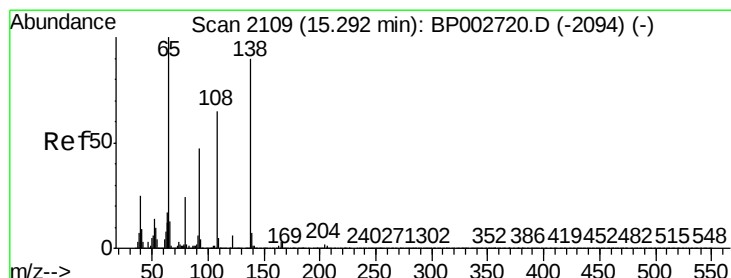
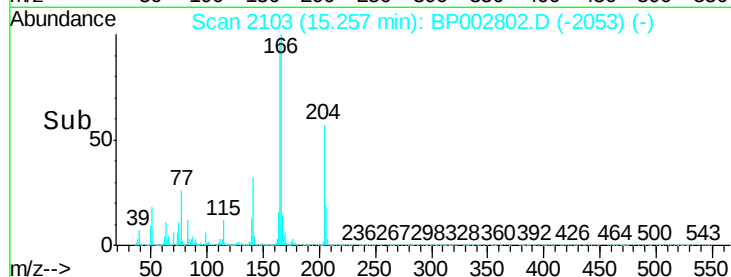
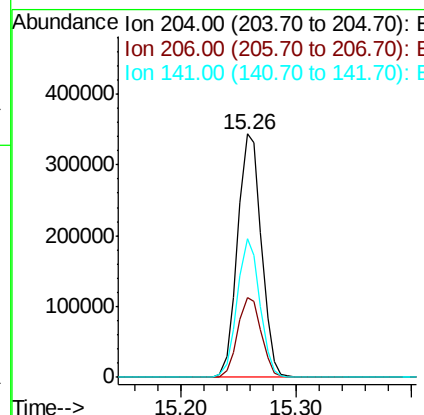
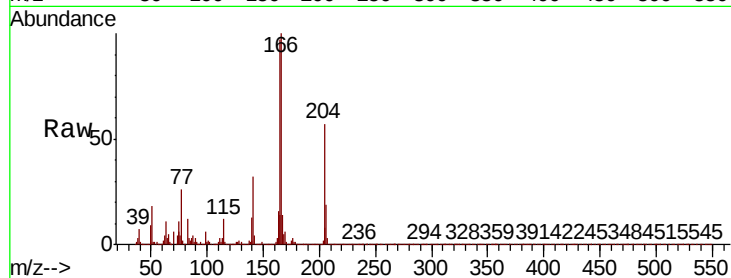




#61
4-Chlorophenyl-phenylether
Concen: 44.252 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

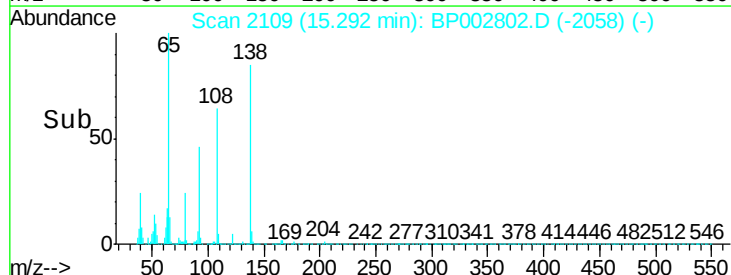
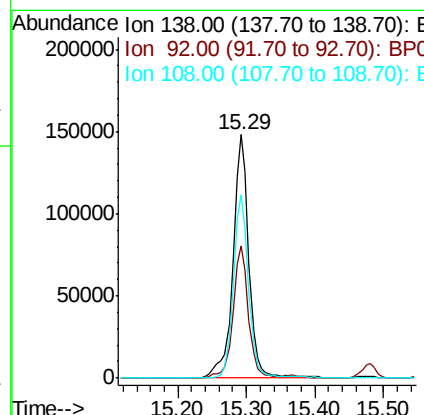
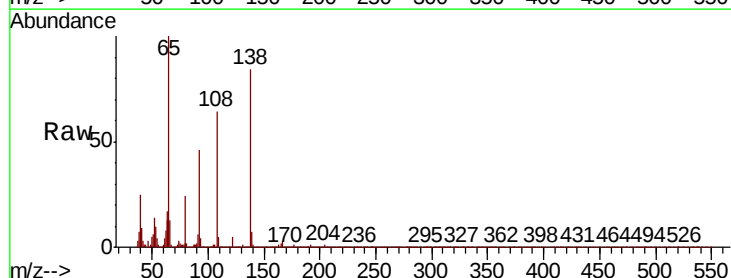
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

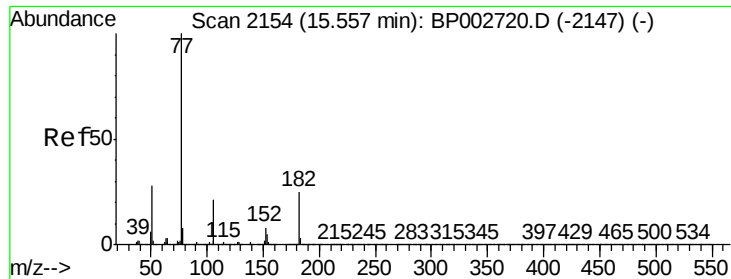
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	56.7	41.8	62.8



#62
4-Nitroaniline
Concen: 40.199 ng
RT: 15.29 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	32.0	72.0
108	75.6	52.2	92.2

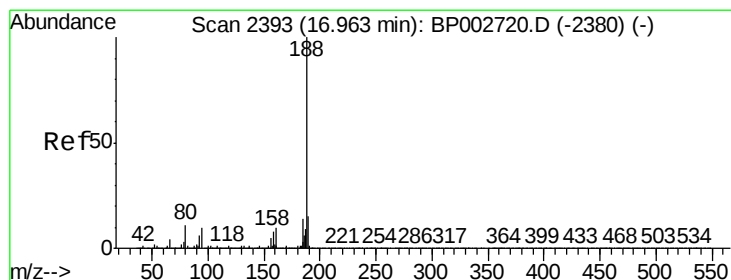
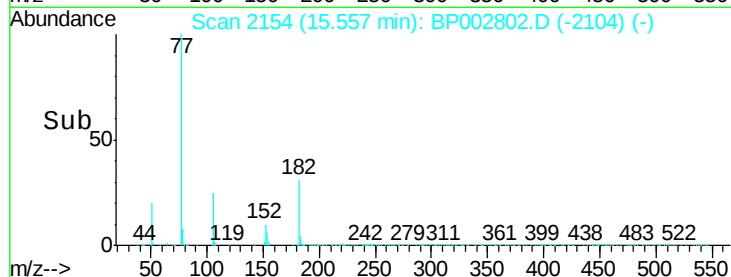
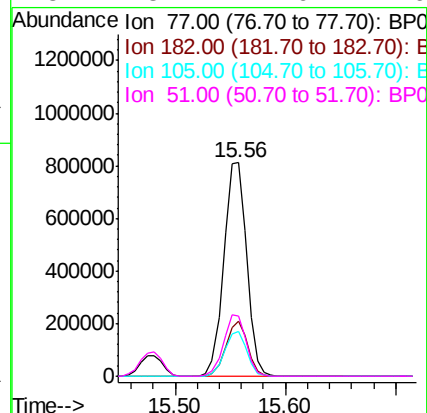
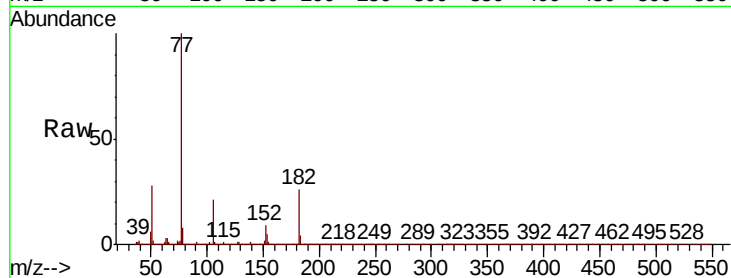




#63
Azobenzene
Concen: 49.859 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

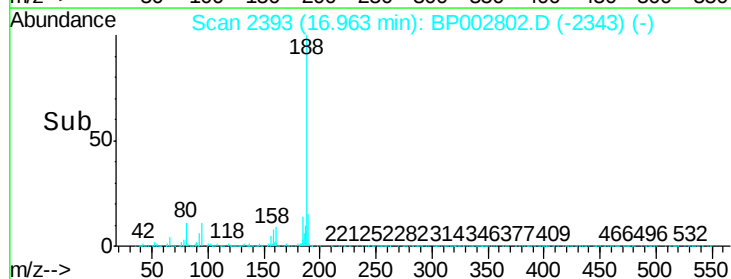
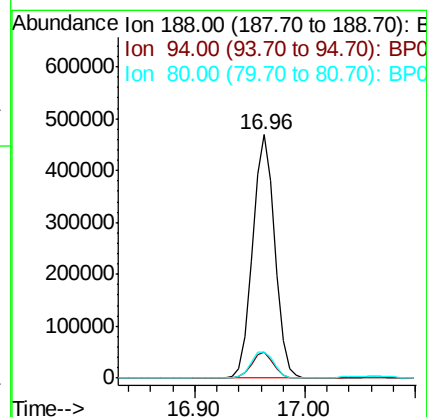
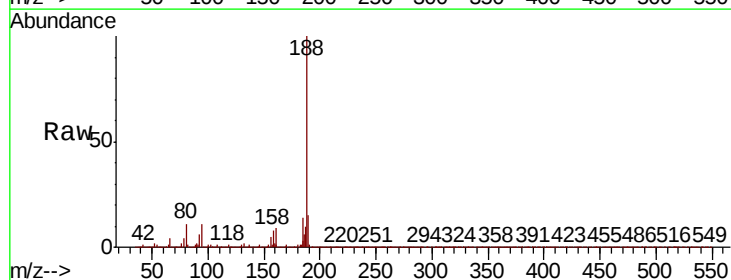
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

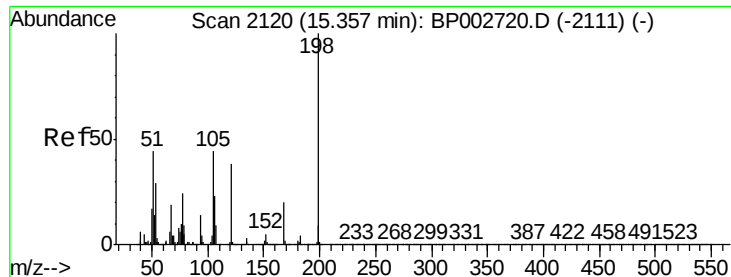
Tot Ion:	77	Resp:	1166577
Ion	Ratio	Lower	Upper
77	100		
182	26.1	5.1	45.1
105	21.1	0.8	40.8
51	28.1	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:	188	Resp:	659598
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	10.8	8.9	13.3

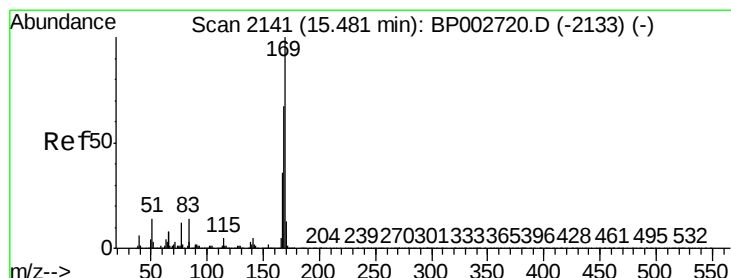
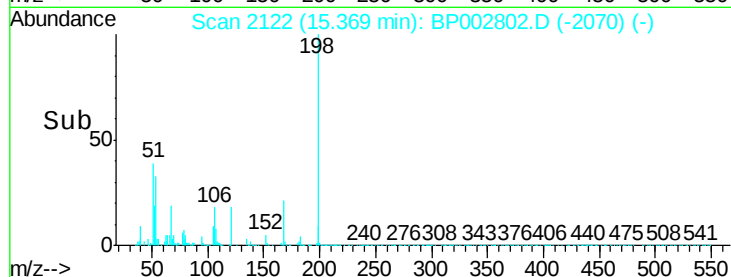
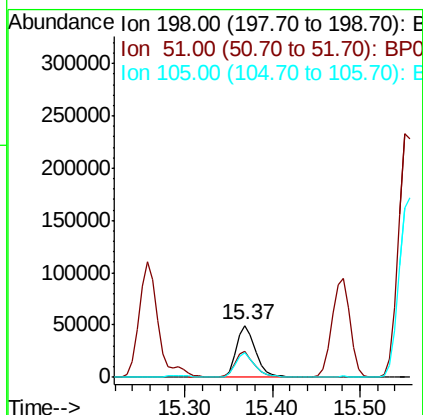
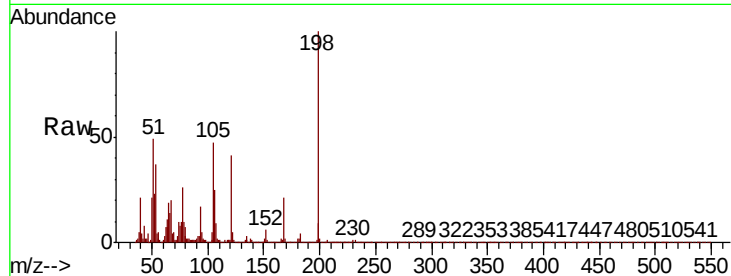




#65
4,6-Dinitro-2-methylphenol
Concen: 22.007 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

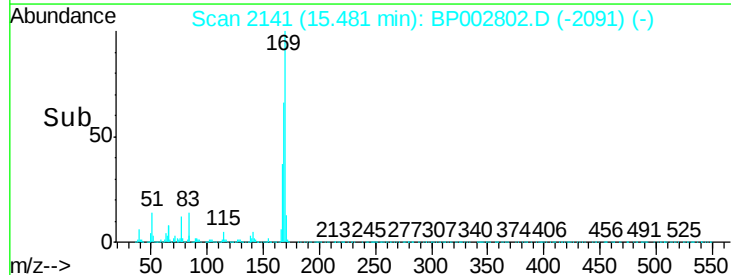
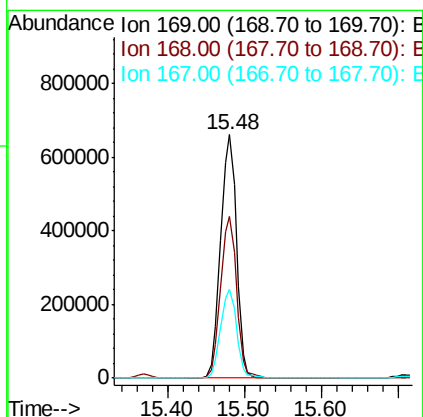
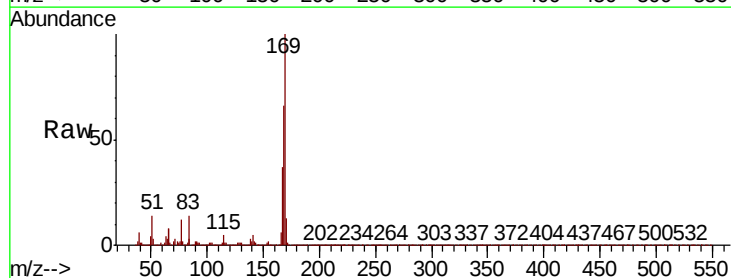
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

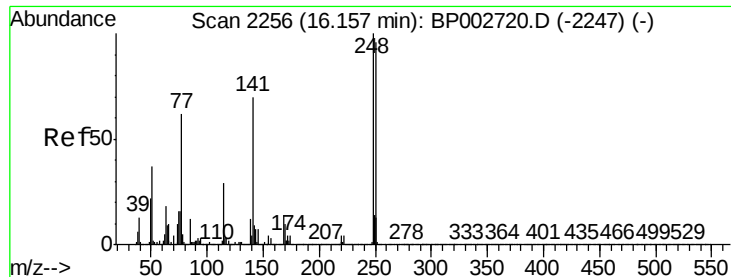
Tot Ion:198 Resp: 74137
Ion Ratio Lower Upper
198 100
51 49.1 27.1 67.1
105 46.8 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 48.233 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:169 Resp: 939803
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.7 29.2 43.8

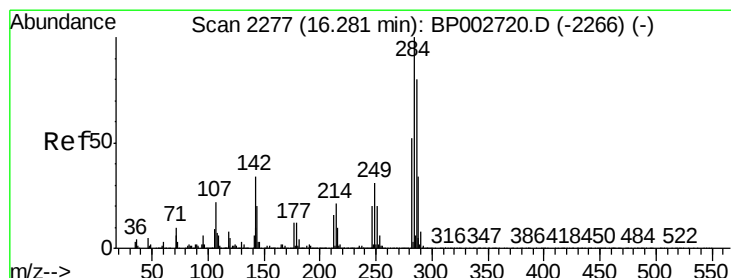
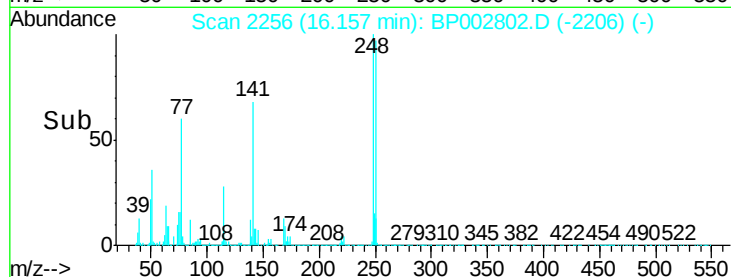
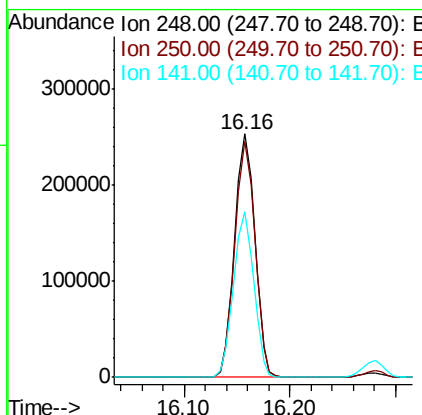
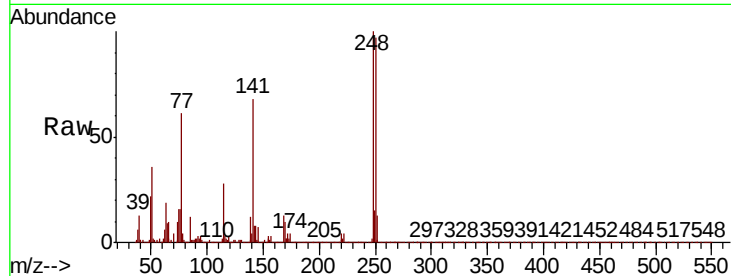




#67
4-Bromophenyl-phenylether
Concen: 46.920 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

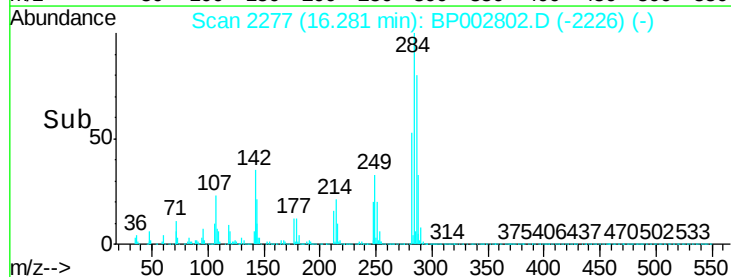
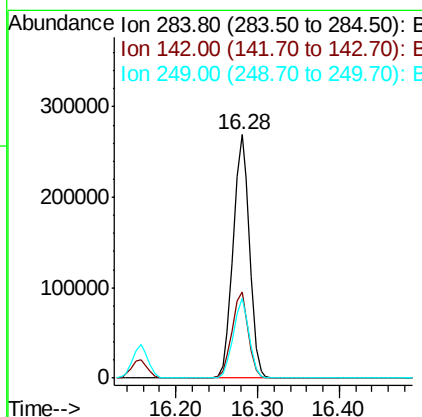
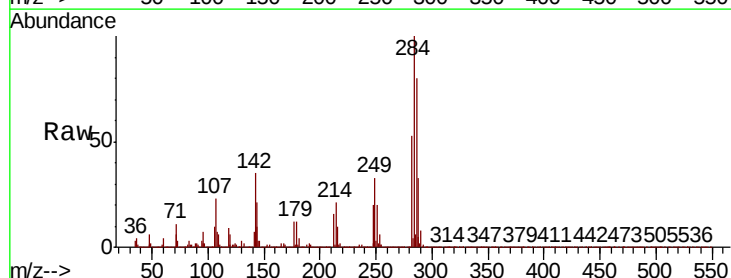
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

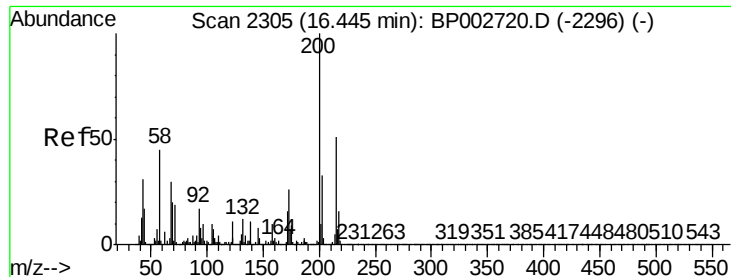
Tot Ion:248 Resp: 337116
Ion Ratio Lower Upper
248 100
250 97.0 76.7 115.1
141 68.0 55.9 83.9



#68
Hexachlorobenzene
Concen: 49.442 ng
RT: 16.28 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:284 Resp: 374285
Ion Ratio Lower Upper
284 100
142 35.3 26.9 40.3
249 32.5 24.6 37.0





#69

Atrazine

Concen: 57.066 ng

RT: 16.45 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

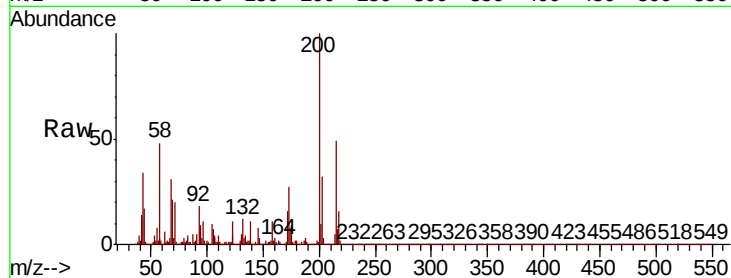
Tot Ion:200 Resp: 303556

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

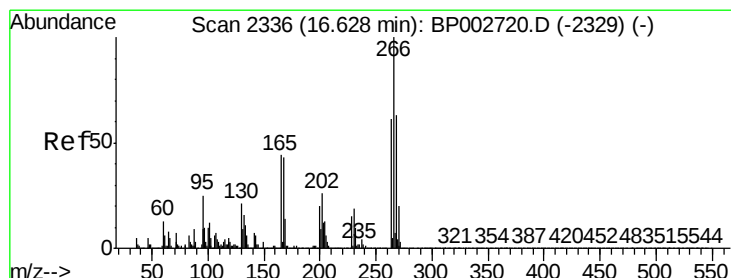
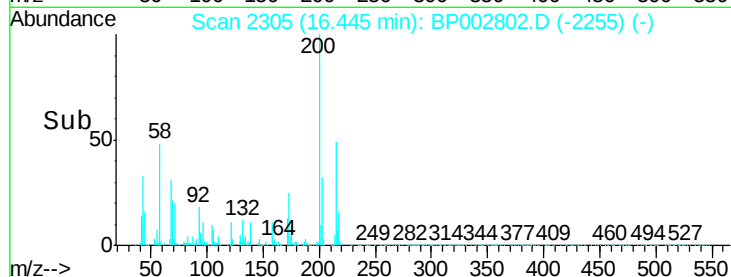
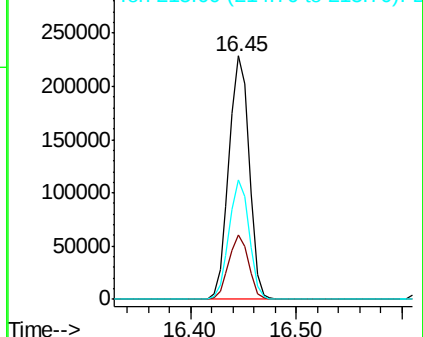
215 48.8 30.6 70.6



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: 112.456 ng

RT: 16.63 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

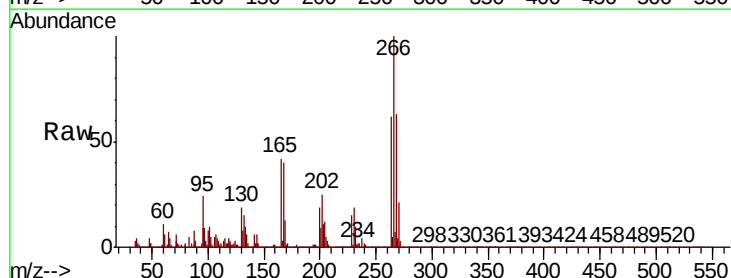
Tgt Ion:266 Resp: 423929

Ion Ratio Lower Upper

266 100

268 62.7 50.6 75.8

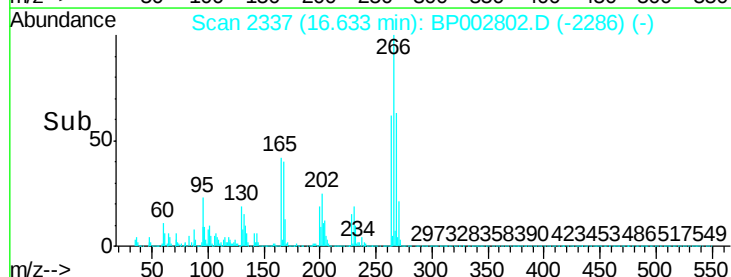
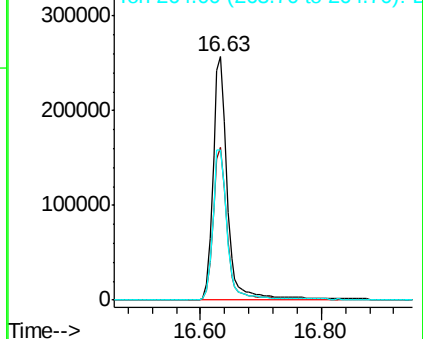
264 61.9 48.6 72.8

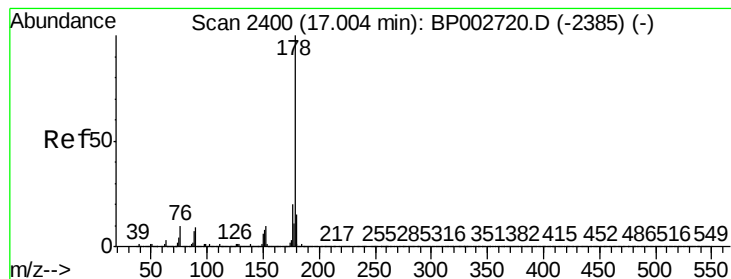


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.136 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

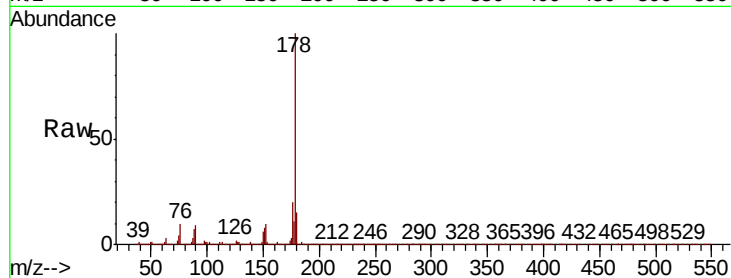
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:178 Resp: 1683354

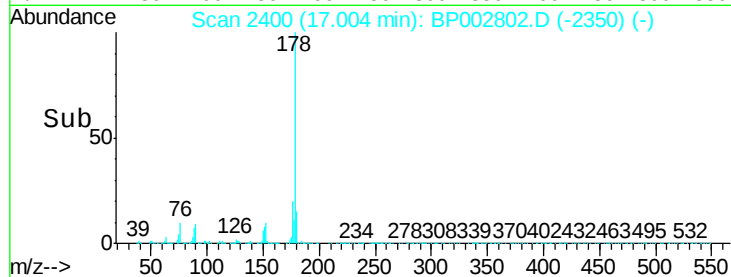
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.4	12.3	18.5



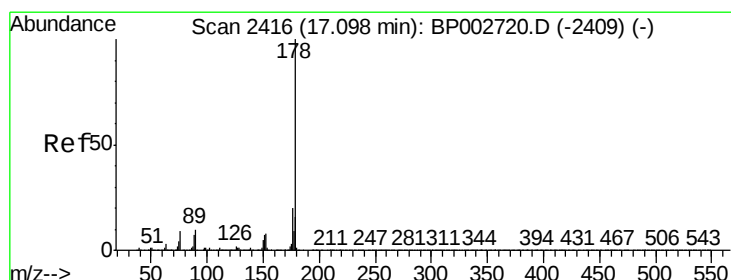
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 48.872 ng

RT: 17.10 min Scan# 2416

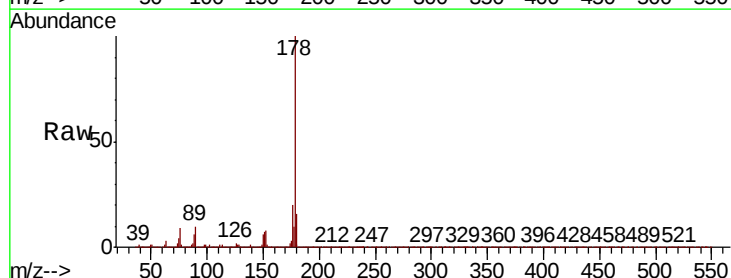
Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:178 Resp: 1712736

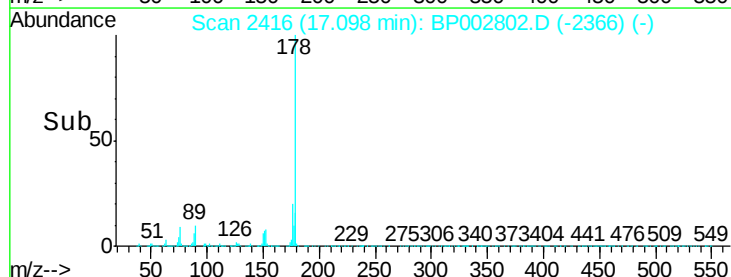
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.7	12.6	19.0



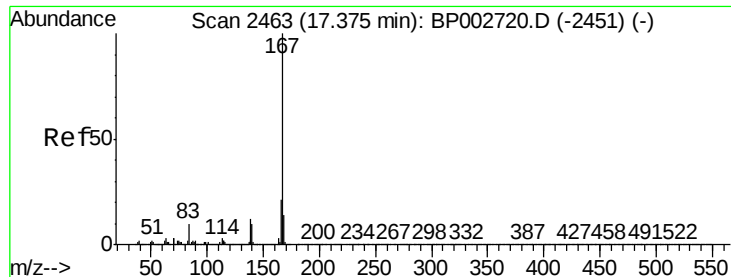
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



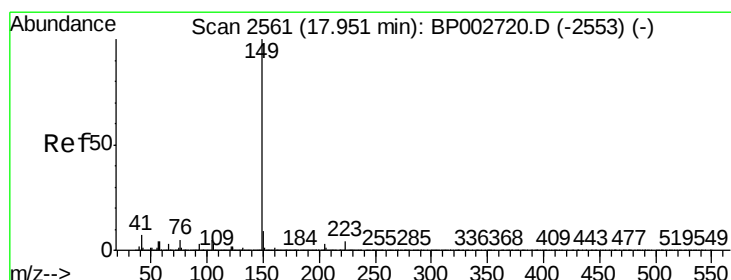
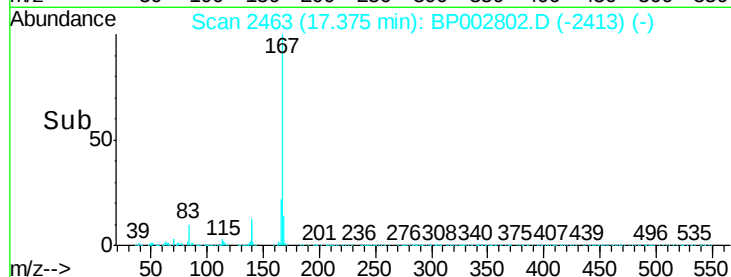
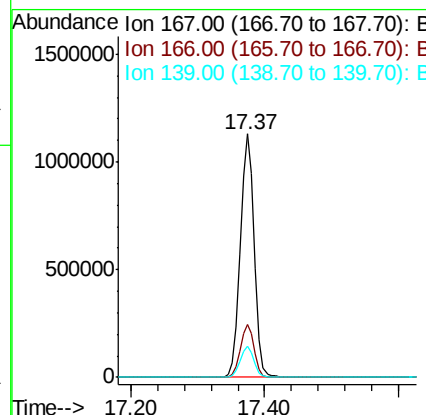
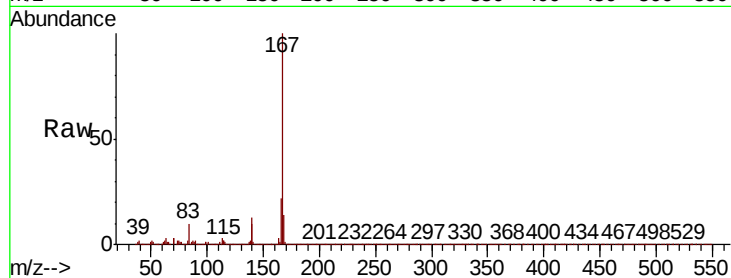
Time-->



#73
 Carbazole
 Concen: 47.926 ng
 RT: 17.37 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

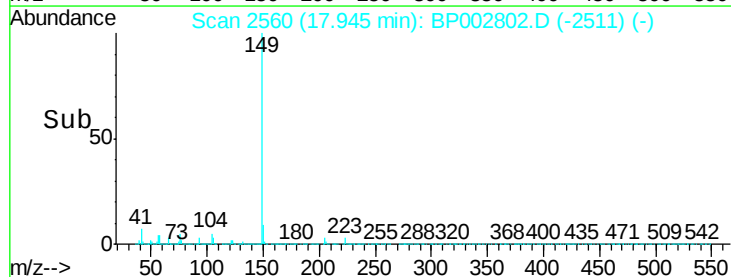
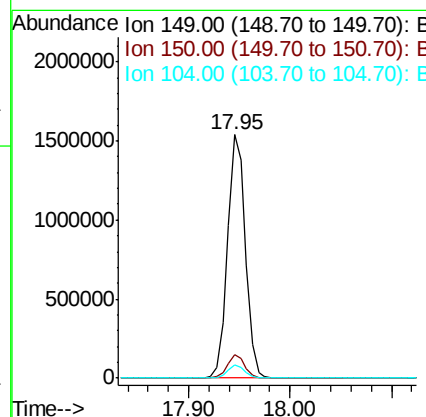
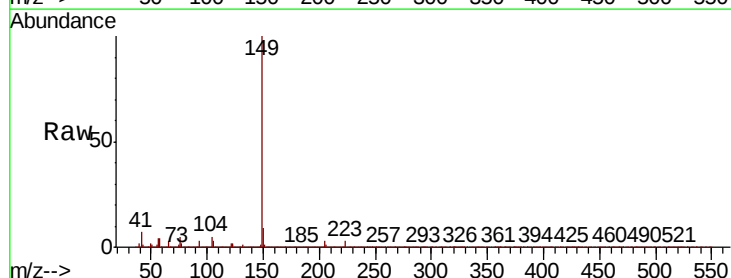
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MSD

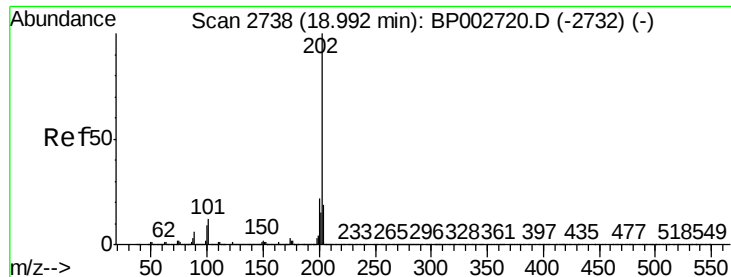
Tot Ion:167 Resp: 1648205
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.9 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 50.135 ng
 RT: 17.95 min Scan# 2560
 Delta R.T. -0.01 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

Tgt Ion:149 Resp: 1869921
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 49.864 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

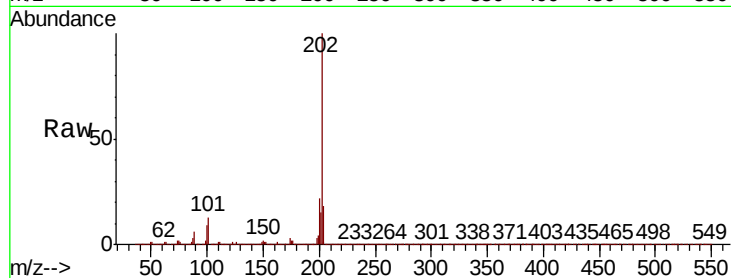
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:202 Resp: 2063449

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.5
203	18.3	0.0	38.6

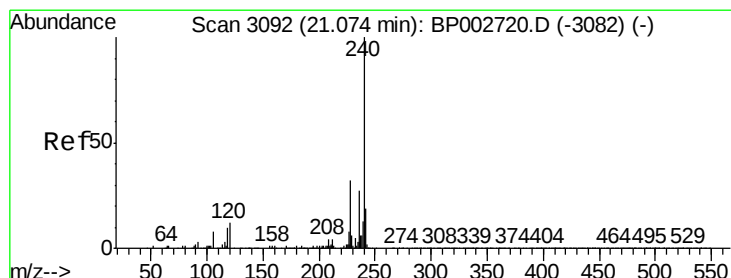
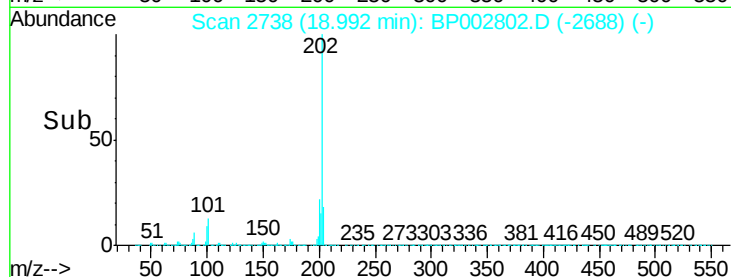
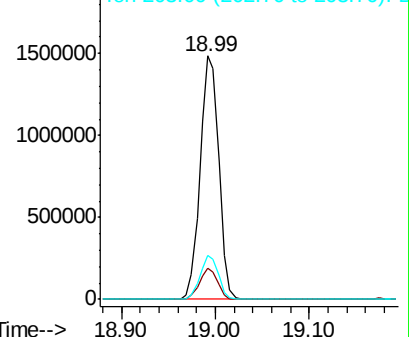


Abundance

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: 21.08 min Scan# 3093

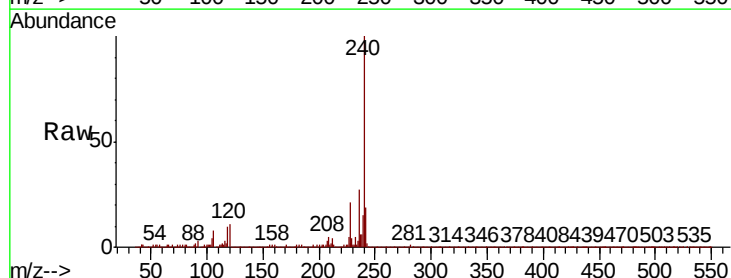
Delta R.T. 0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:240 Resp: 611764

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.2
236	27.0	21.3	31.9

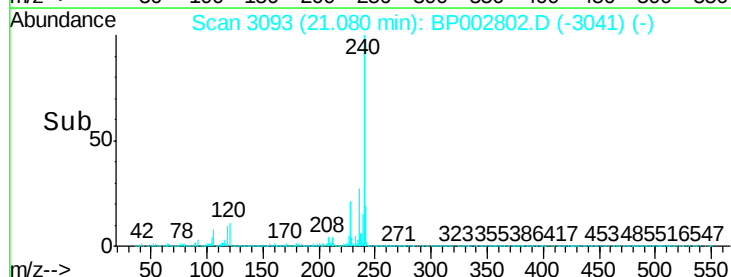
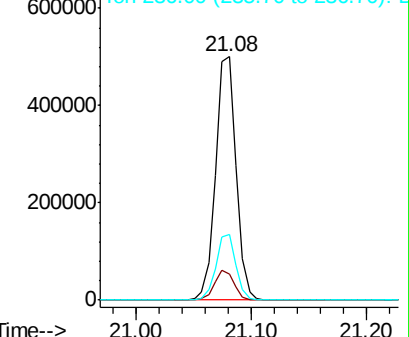


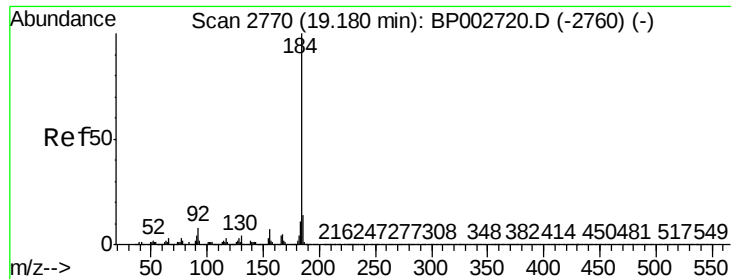
Abundance

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: 77.536 ng

RT: 19.17 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

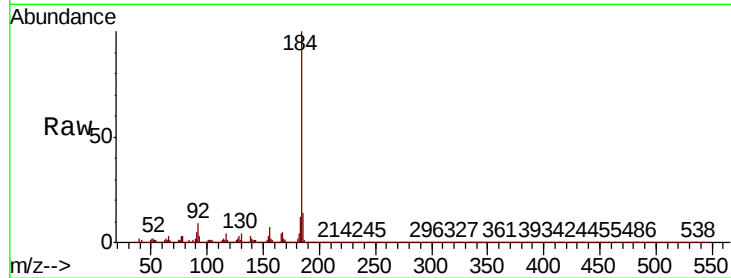
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:184 Resp: 1175733

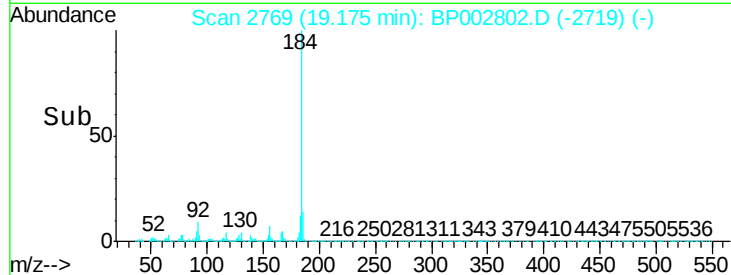
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	11.6	9.0	13.4



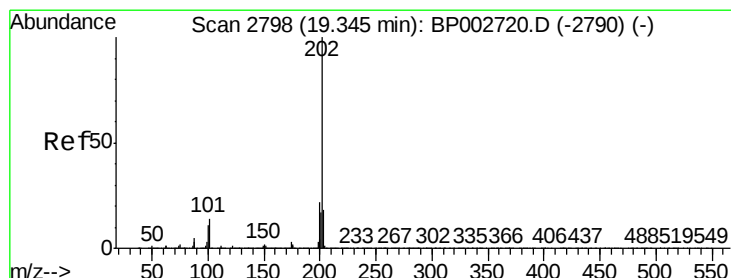
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 49.316 ng

RT: 19.35 min Scan# 2798

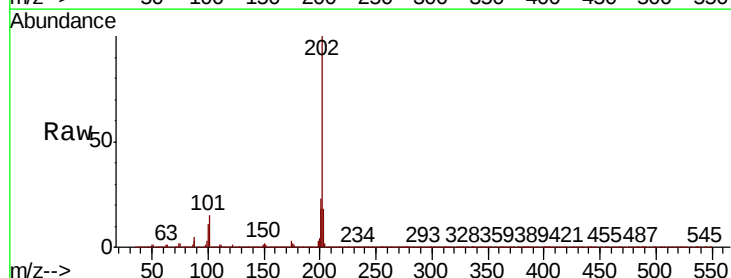
Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:202 Resp: 2083019

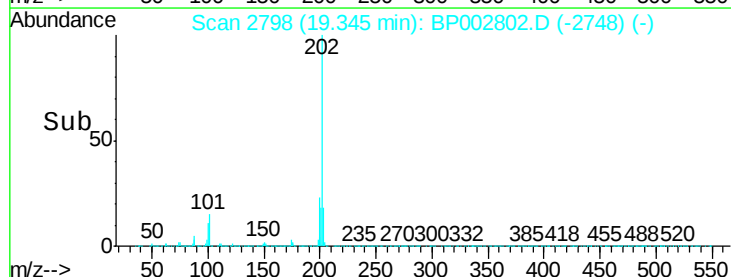
Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.7	26.5
203	18.2	14.5	21.7



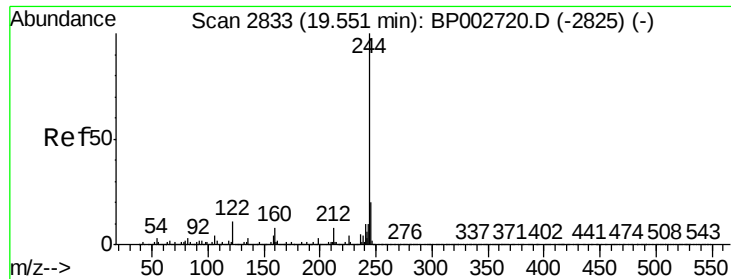
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 79.156 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

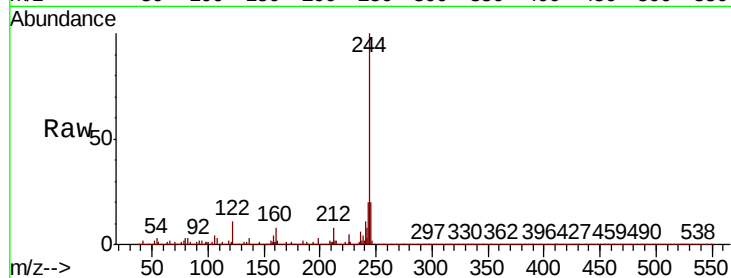
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:244 Resp: 2112097

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	10.9	8.9	13.3

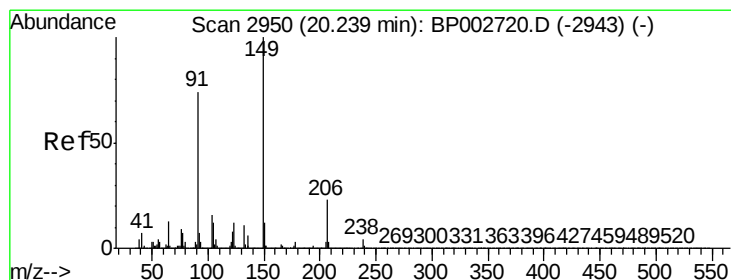
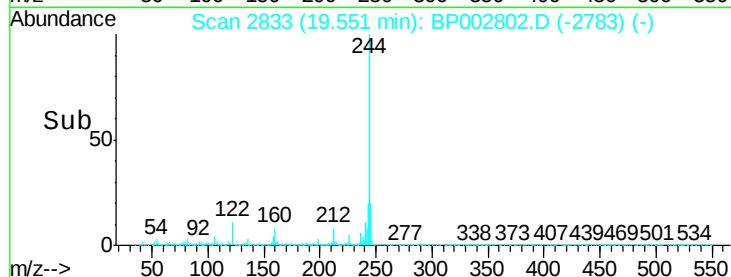
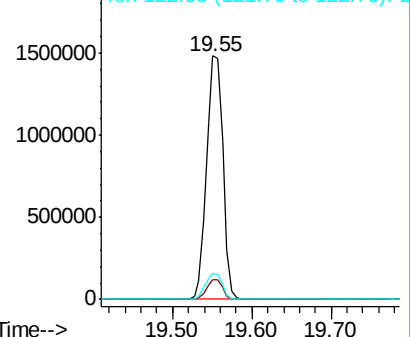


Abundance

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: 53.496 ng

RT: 20.24 min Scan# 2950

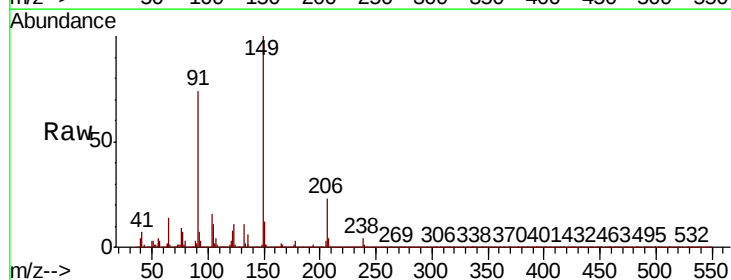
Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:149 Resp: 891661

Ion	Ratio	Lower	Upper
149	100		
91	74.5	59.4	89.2
206	23.2	18.3	27.5

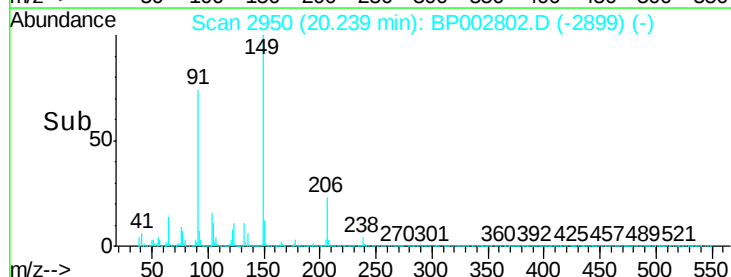
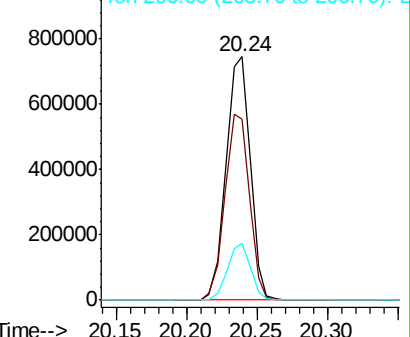


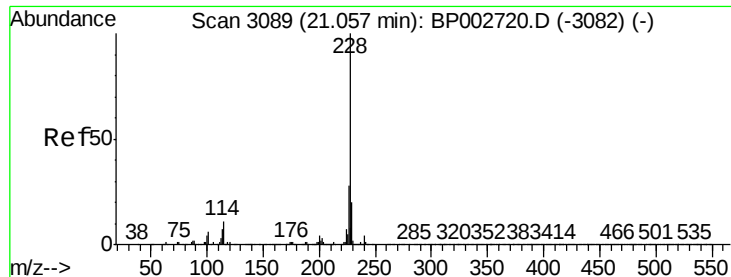
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

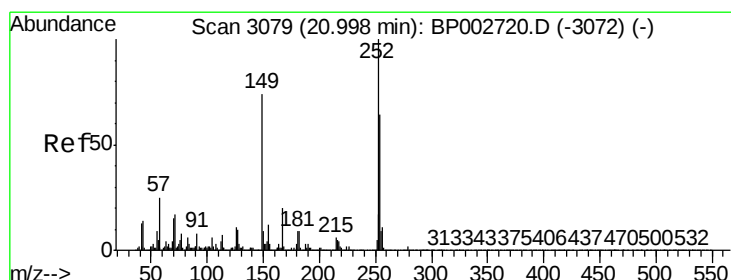
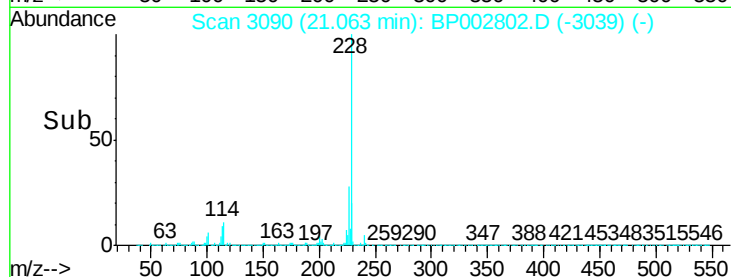
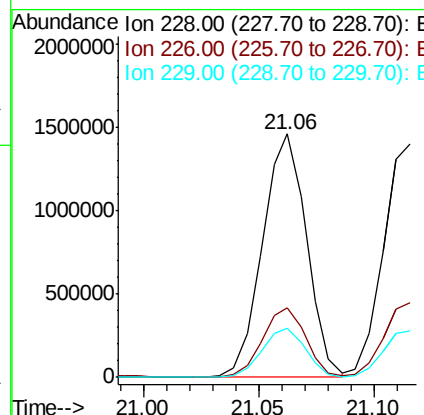
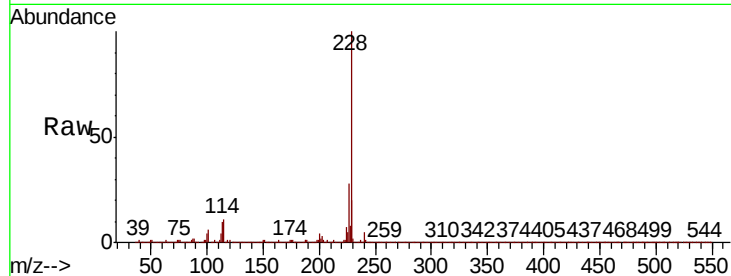




#81
Benzo(a)anthracene
Concen: 48.597 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

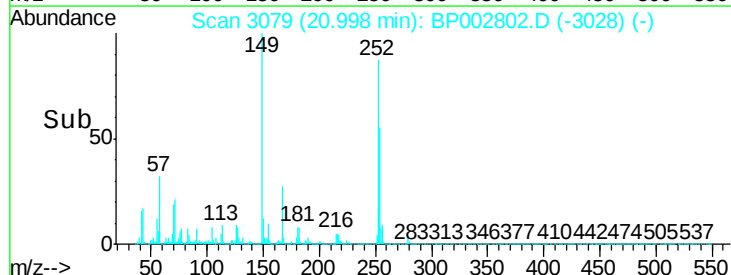
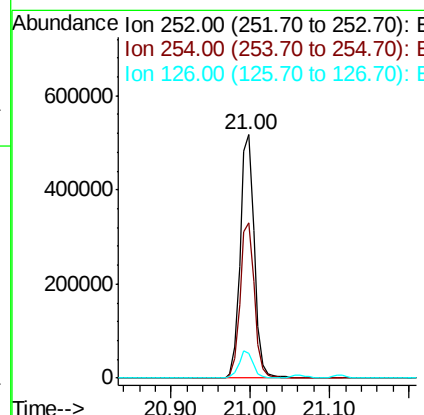
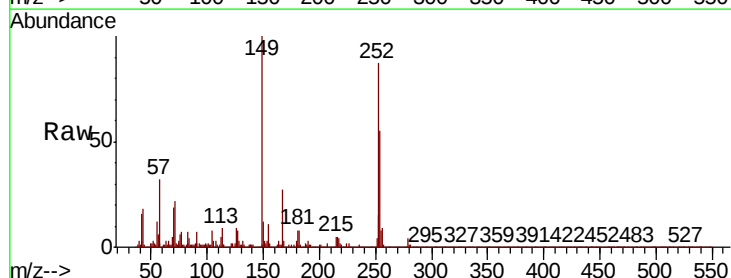
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

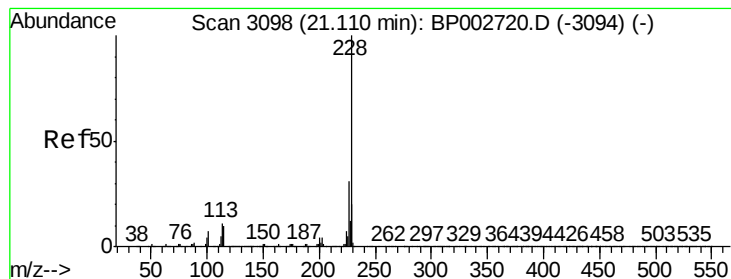
Tot Ion:228 Resp: 1924491
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 48.626 ng
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:252 Resp: 637732
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.4
126 10.2 8.4 12.6





#83

Chrysene

Concen: 47.454 ng

RT: 21.12 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

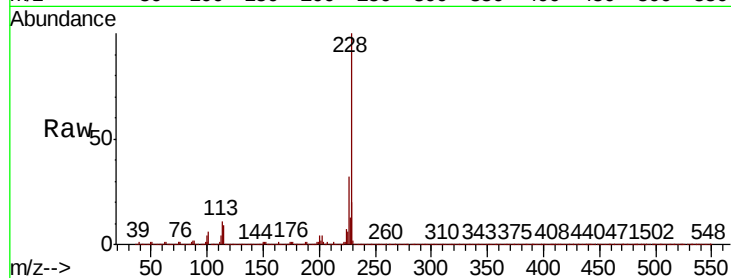
Tot Ion:228 Resp: 1788823

Ion Ratio Lower Upper

228 100

226 31.9 24.6 37.0

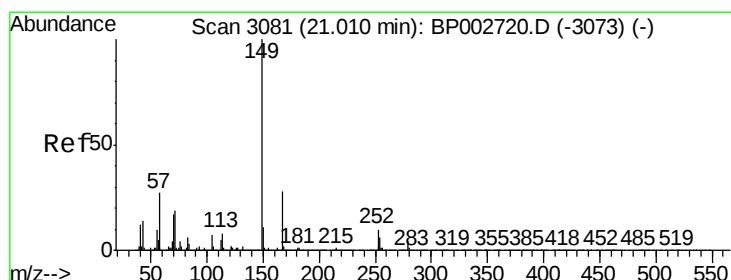
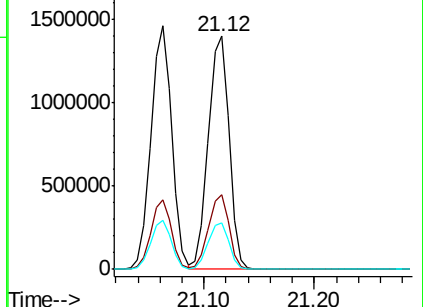
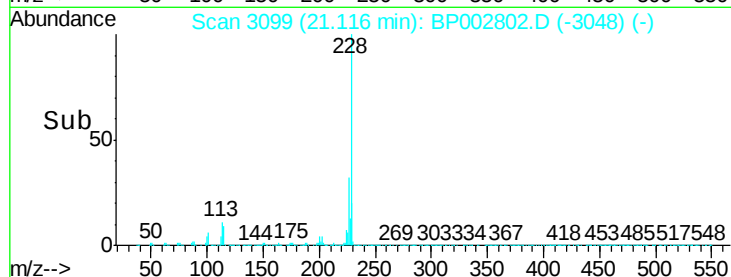
229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.904 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

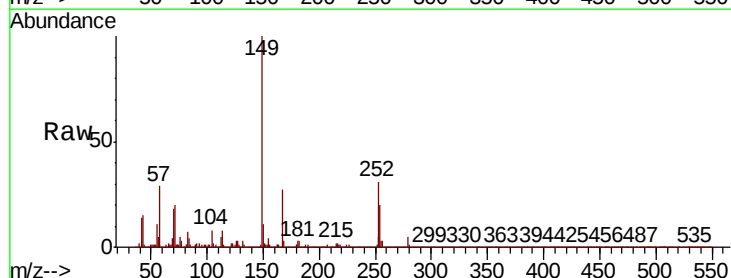
Tgt Ion:149 Resp: 1156895

Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

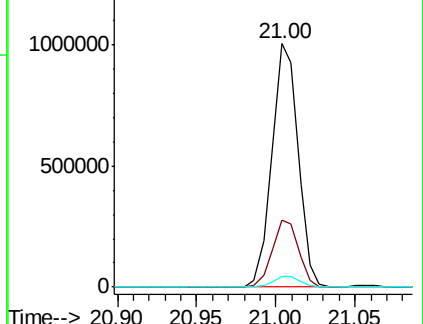
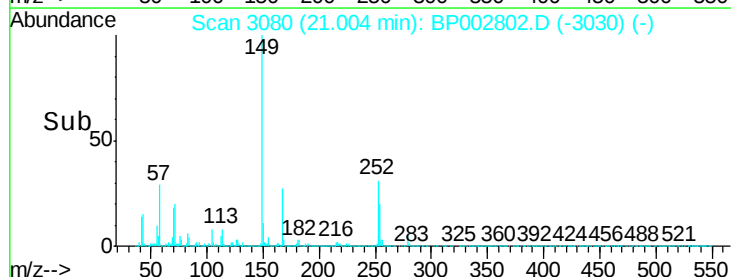
279 4.6 3.5 5.3

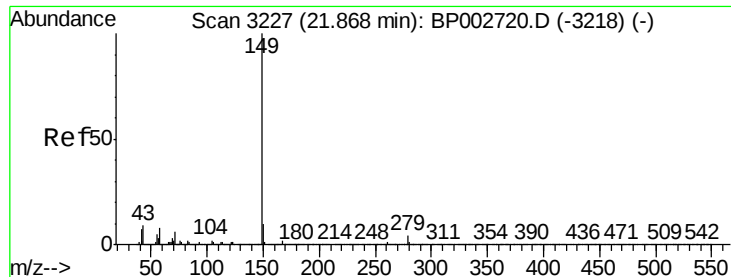


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.175 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

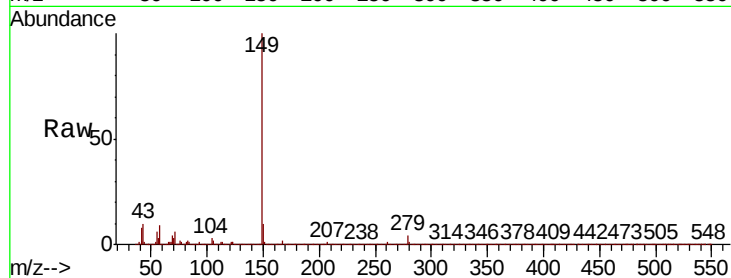
BNA_P

ClientSampleId :

AU-05-071720MSD

Tot Ion:149 Resp: 2216260

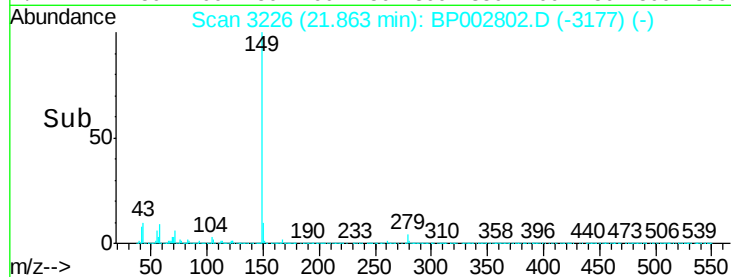
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	8.2	12.2



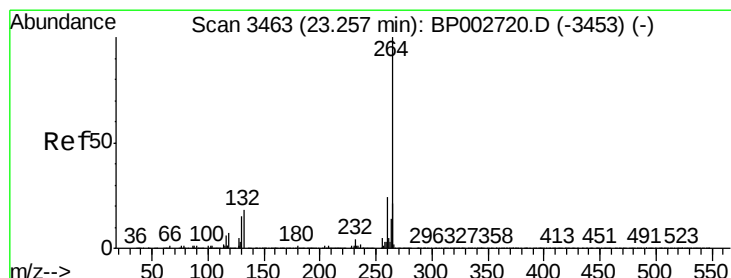
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.26 min Scan# 3464

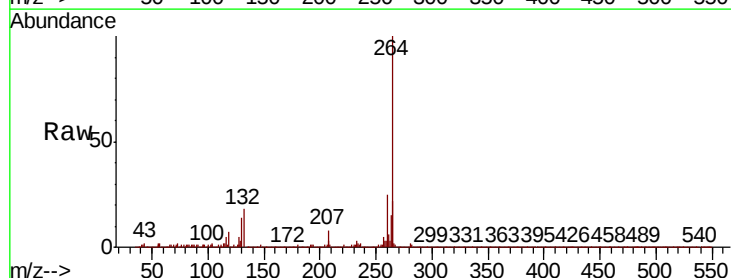
Delta R.T. 0.00 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Tgt Ion:264 Resp: 612135

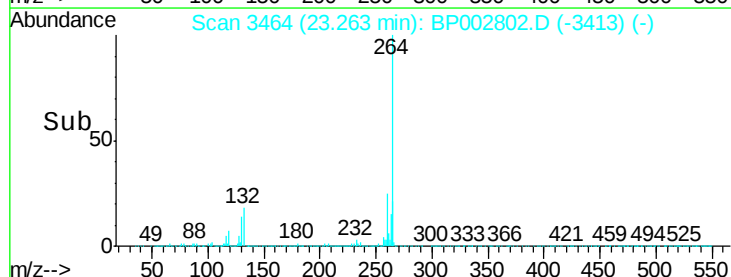
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.6	16.8	25.2



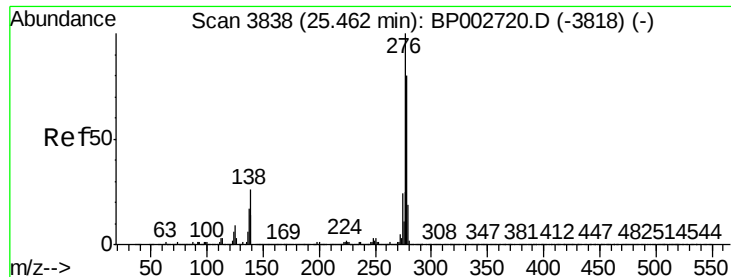
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



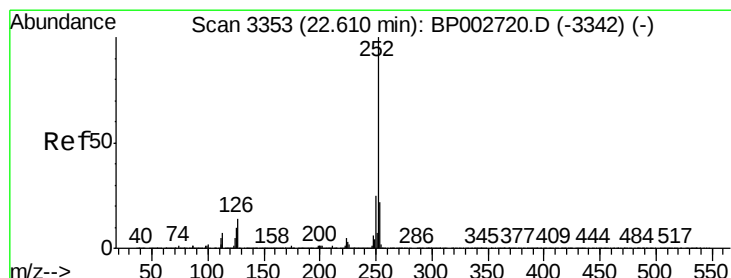
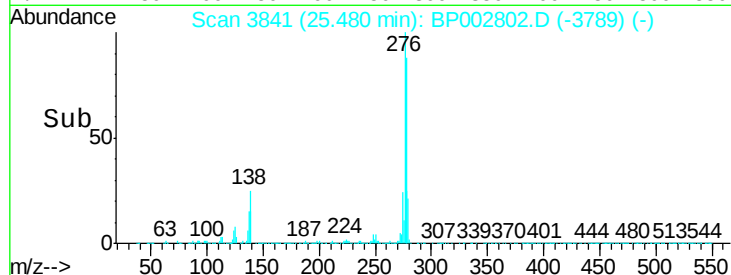
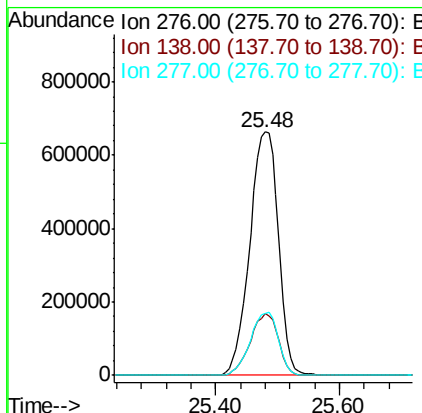
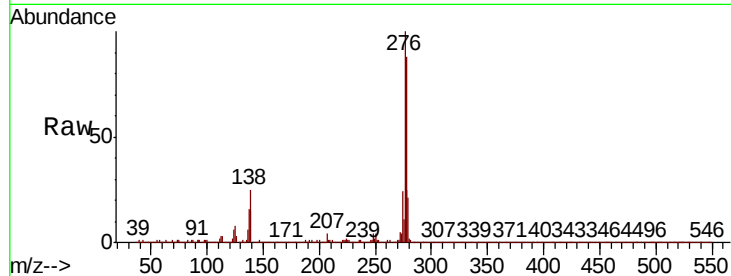
Time-->



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.327 ng
 RT: 25.48 min Scan# 3841
 Delta R.T. 0.01 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

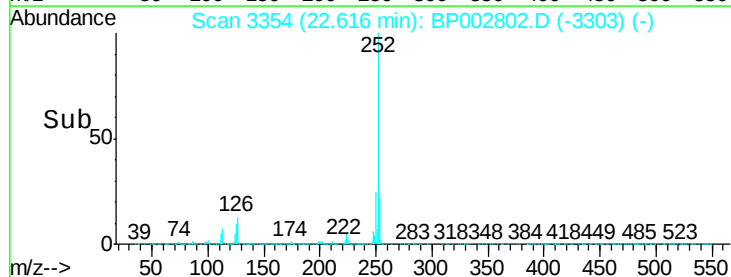
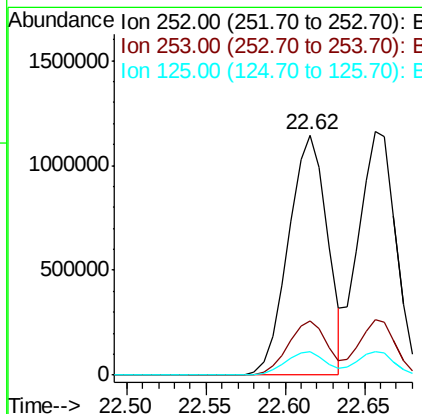
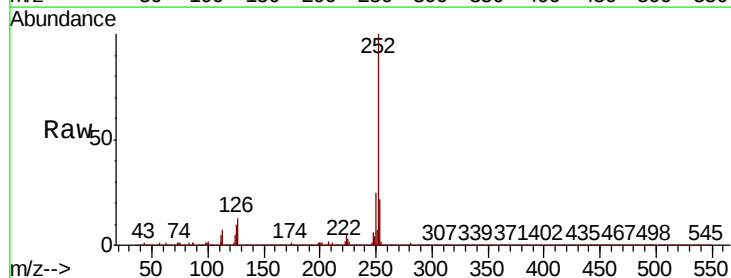
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MSD

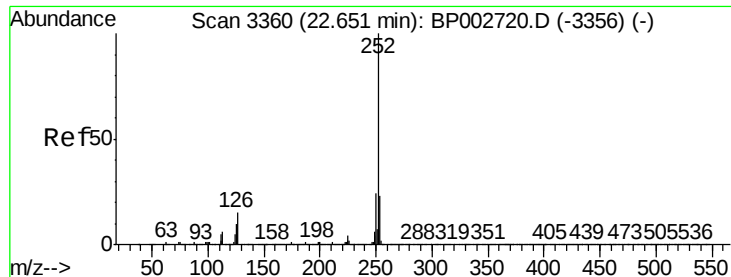
Tot Ion:276 Resp: 2138133
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.8 31.2
 277 25.4 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 51.230 ng
 RT: 22.62 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: BP002802.D
 Acq: 20 Jul 2020 16:03

Tgt Ion:252 Resp: 1947245
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 9.7 8.2 12.2

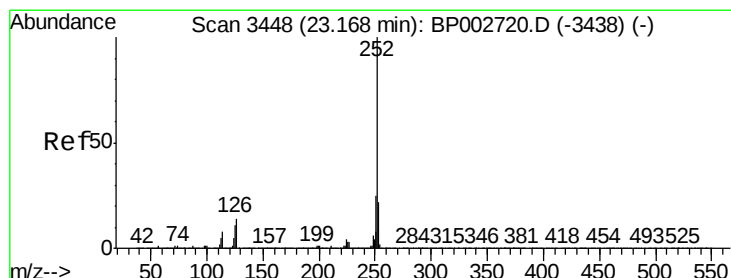
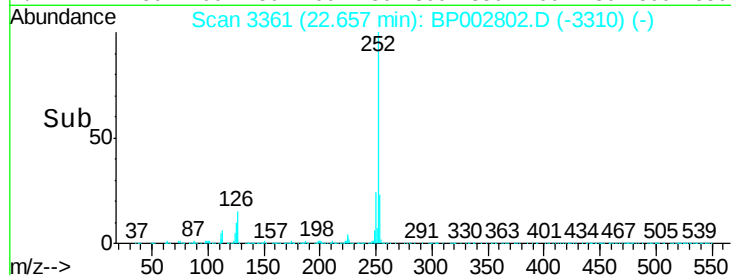
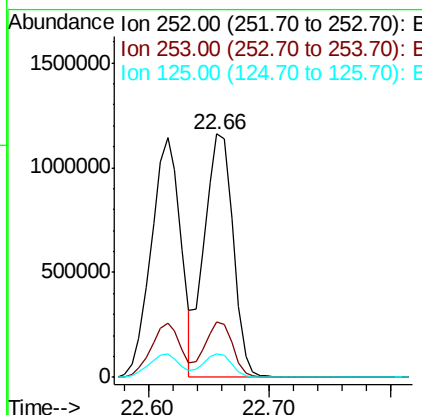
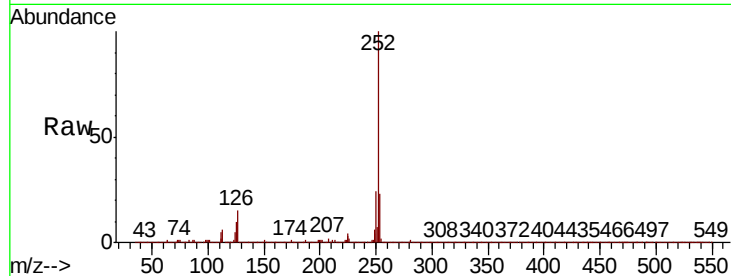




#89
Benzo(k)fluoranthene
Concen: 50.714 ng
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

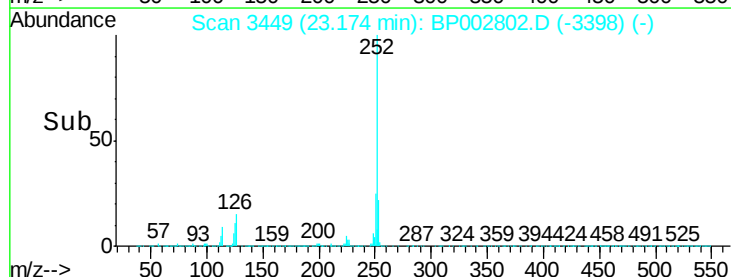
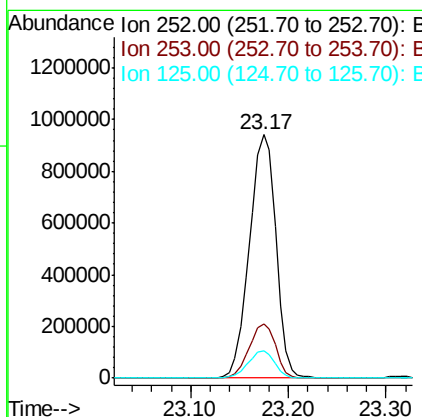
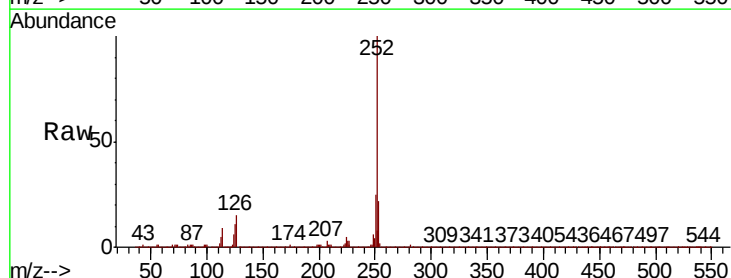
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MSD

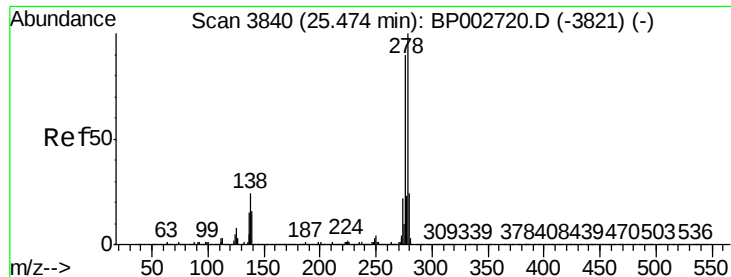
Tot Ion:252 Resp: 1898719
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 49.466 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002802.D
Acq: 20 Jul 2020 16:03

Tgt Ion:252 Resp: 1781754
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.538 ng

RT: 25.49 min Scan# 3843

Delta R.T. 0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MSD

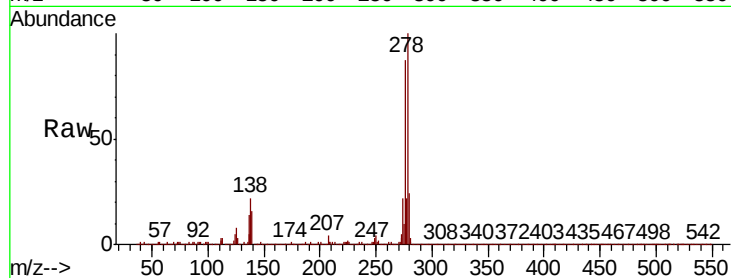
Tot Ion:278 Resp: 1767560

Ion Ratio Lower Upper

278 100

139 15.9 13.1 19.7

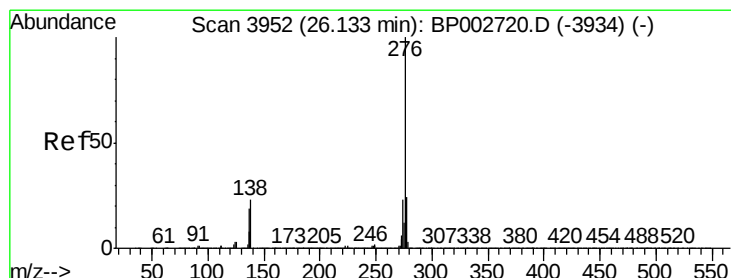
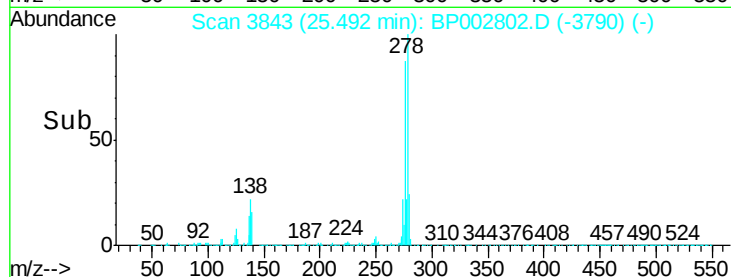
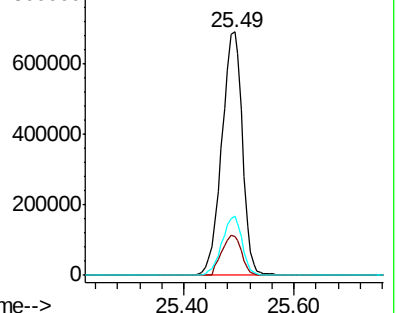
279 24.3 19.0 28.6



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: 49.329 ng

RT: 26.15 min Scan# 3955

Delta R.T. 0.01 min

Lab File: BP002802.D

Acq: 20 Jul 2020 16:03

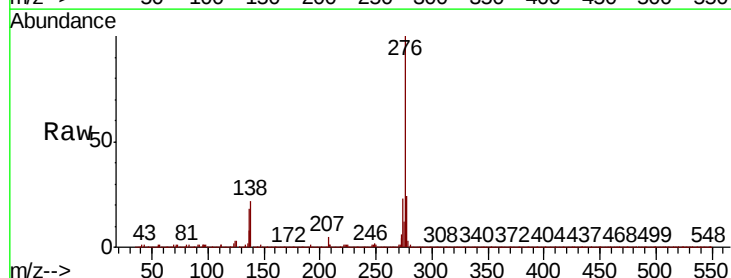
Tgt Ion:276 Resp: 1784551

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 21.7 18.3 27.5



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

