

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050420\
 Data File : BP002227.D
 Acq On : 04 May 2020 16:41
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: May 04 17:22:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 17:20:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	184152	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	804781	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	515256	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1172479	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1191827	20.00	ng	0.00
87) Perylene-d12	23.32	264	1359548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	885855	85.45	ng	0.00
7) Phenol-d6	6.80	99	1308637	98.20	ng	0.00
23) Nitrobenzene-d5	8.76	82	1255759	104.05	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	446448	73.18	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	2766488	77.64	ng	0.00
79) Terphenyl-d14	19.60	244	4053684	74.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	189943	45.221	ng	100
3) Pyridine	3.56	79	601753	50.678	ng	100
4) n-Nitrosodimethylamine	3.48	42	221895	73.672	ng	100
6) Aniline	6.95	93	883084	53.726	ng	100
8) 2-Chlorophenol	7.19	128	503520	40.755	ng	100
9) Benzaldehyde	6.76	77	347717	42.822	ng	100
10) Phenol	6.82	94	683782	49.693	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	572339	48.258	ng	100
12) 1,3-Dichlorobenzene	7.50	146	550281	38.406	ng	100
13) 1,4-Dichlorobenzene	7.65	146	564293	39.110	ng	100
14) 1,2-Dichlorobenzene	7.96	146	554968	39.698	ng	100
15) Benzyl Alcohol	7.85	79	496488	65.429	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	790785	85.697	ng	100
17) 2-Methylphenol	8.06	107	509307	47.749	ng	100
18) Hexachloroethane	8.69	117	201230	39.351	ng	100
19) n-Nitroso-di-n-propylamine	8.42	70	456736	69.547	ng	100
20) 3+4-Methylphenols	8.39	107	694821	48.395	ng	100
22) Acetophenone	8.43	105	830028	45.073	ng	100
24) Nitrobenzene	8.80	77	655660	51.499	ng	100
25) Isophorone	9.33	82	1359310	52.597	ng	100
26) 2-Nitrophenol	9.50	139	235064	42.170	ng	100
27) 2,4-Dimethylphenol	9.58	122	478204	43.082	ng	100
28) bis(2-Chloroethoxy)methane	9.82	93	786033	50.778	ng	100
29) 2,4-Dichlorophenol	10.04	162	503912	41.192	ng	100
30) 1,2,4-Trichlorobenzene	10.26	180	546652	39.329	ng	100
31) Naphthalene	10.44	128	1721707	39.044	ng	100
32) Benzoic acid	9.70	122	294448	54.051	ng	100
33) 4-Chloroaniline	10.55	127	798205	44.665	ng	100
34) Hexachlorobutadiene	10.75	225	318793	39.383	ng	100
35) Caprolactam	11.30	113	195728	73.617	ng	100
36) 4-Chloro-3-methylphenol	11.68	107	598412	48.906	ng	100
37) 2-Methylnaphthalene	12.06	142	1243388	40.847	ng	100
38) 1-Methylnaphthalene	12.28	142	1184724	40.879	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	614082	39.078	ng	100

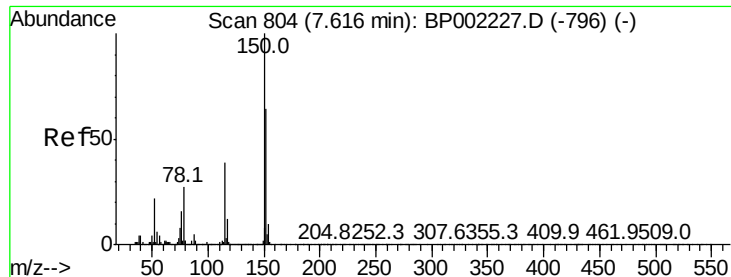
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	278460	36.800	ng	100
43) 2,4,6-Trichlorophenol	12.68	196	410353	39.893	ng	100
44) 2,4,5-Trichlorophenol	12.75	196	493158	40.749	ng	100
46) 1,1'-Biphenyl	13.09	154	1623884	38.126	ng	100
47) 2-Chloronaphthalene	13.12	162	1246548	37.795	ng	100
48) 2-Nitroaniline	13.32	65	369825	78.607	ng	100
49) Acenaphthylene	13.97	152	2045448	38.320	ng	100
50) Dimethylphthalate	13.73	163	1631309	41.777	ng	100
51) 2,6-Dinitrotoluene	13.83	165	331197	44.614	ng	100
52) Acenaphthene	14.32	154	1278583	38.567	ng	100
53) 3-Nitroaniline	14.16	138	398946	47.639	ng	100
54) 2,4-Dinitrophenol	14.36	184	130083	36.995	ng	100
55) Dibenzofuran	14.66	168	1936065	39.011	ng	100
56) 4-Nitrophenol	14.47	139	316164	43.006	ng	100
57) 2,4-Dinitrotoluene	14.62	165	444304	44.950	ng	100
58) Fluorene	15.32	166	1455138	38.573	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	398005	40.226	ng	100
60) Diethylphthalate	15.11	149	1647919	47.464	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	732192	40.614	ng	100
62) 4-Nitroaniline	15.33	138	386046	51.719	ng	100
63) Azobenzene	15.61	77	1730967	47.506	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	178502	36.442	ng	100
66) n-Nitrosodiphenylamine	15.53	169	1361242	38.852	ng	100
67) 4-Bromophenyl-phenylether	16.22	248	489371	37.423	ng	100
68) Hexachlorobenzene	16.33	284	520483	35.903	ng	100
69) Atrazine	16.49	200	410017	48.073	ng	100
70) Pentachlorophenol	16.67	266	311759	35.083	ng	100
71) Phenanthrene	17.06	178	2550252	38.197	ng	100
72) Anthracene	17.15	178	2515312	37.891	ng	100
73) Carbazole	17.42	167	2552215	39.677	ng	100
74) Di-n-butylphthalate	18.01	149	2910849	78.337	ng	100
75) Fluoranthene	19.03	202	3052586	40.427	ng	100
77) Benzidine	19.22	184	1110616	102.192	ng	100
78) Pyrene	19.39	202	3269557	39.404	ng	100
80) Butylbenzylphthalate	20.29	149	997870	104.874	ng	100
81) Benzo(a)anthracene	21.10	228	3102571	39.727	ng	100
82) 3,3'-Dichlorobenzidine	21.03	252	1177449	80.381	ng	100
83) Chrysene	21.15	228	2969902	38.478	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1812260	116.256	ng	100
85) Di-n-octyl phthalate	21.93	149	3340777	128.493	ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	4054311	45.362	ng	100
88) Benzo(b)fluoranthene	22.66	252	3308583	38.140	ng	100
89) Benzo(k)fluoranthene	22.70	252	3299020	38.067	ng	100
90) Benzo(a)pyrene	23.22	252	3187141	39.442	ng	100
91) Dibenzo(a,h)anthracene	25.56	278	3328398	40.945	ng	100
92) Benzo(g,h,i)perylene	26.22	276	3392540	42.076	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.62 min Scan# 804

Delta R.T. 0.00 min

Lab File: BP002227.D

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SSTDICCC040

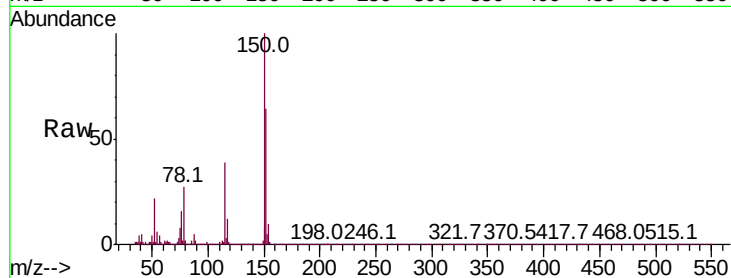
Tot Ion:152 Resp: 184152

Ion Ratio Lower Upper

152 100

150 156.6 125.3 187.9

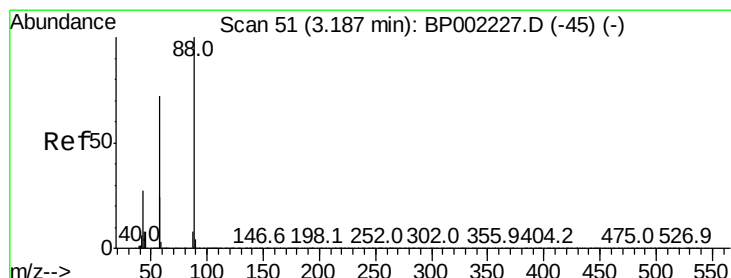
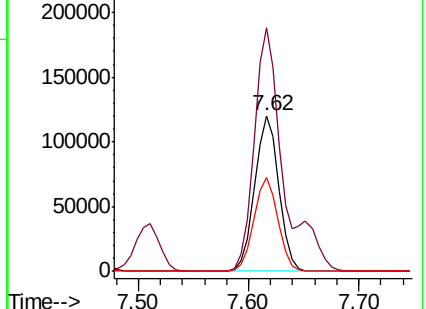
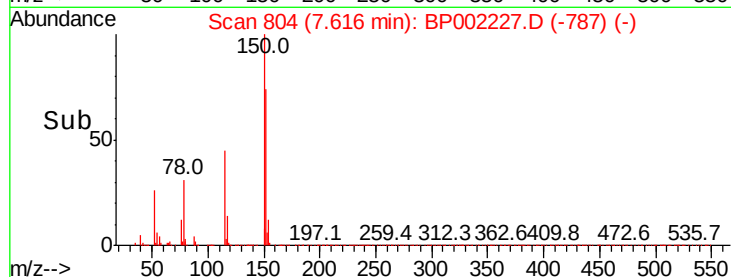
115 60.4 48.3 72.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.221 ng

RT: 3.19 min Scan# 51

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

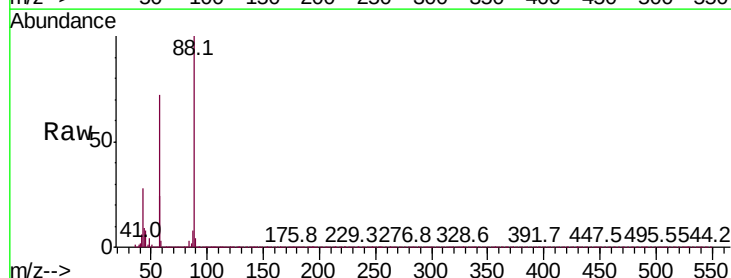
Tgt Ion: 88 Resp: 189943

Ion Ratio Lower Upper

88 100

58 72.3 57.8 86.8

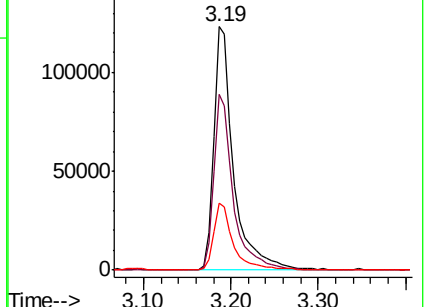
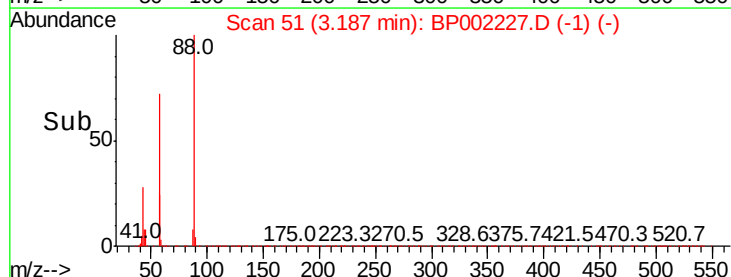
43 27.2 21.8 32.6

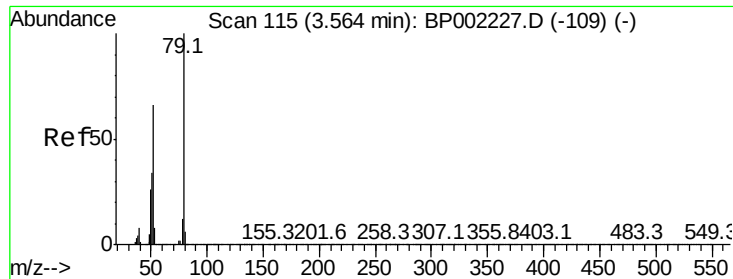


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 50.678 ng

RT: 3.56 min Scan# 115

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

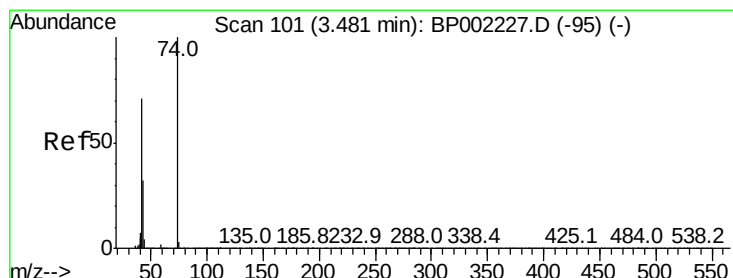
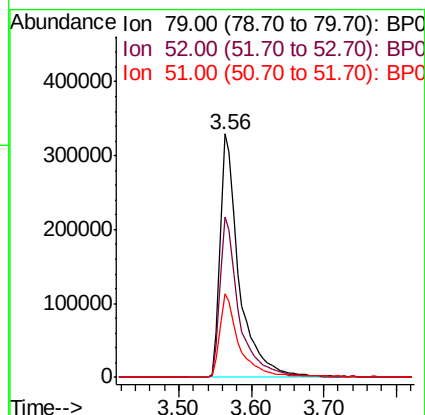
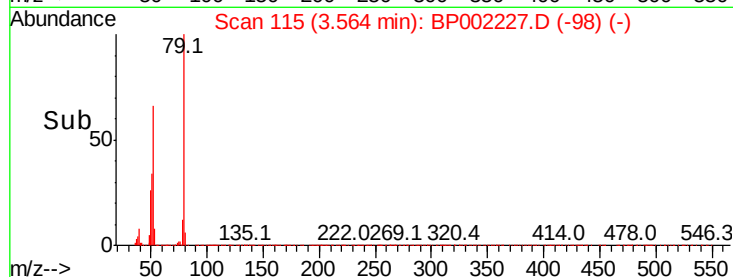
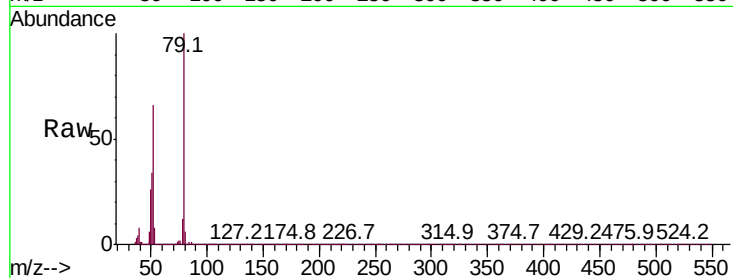
Tot Ion: 79 Resp: 601753

Ion Ratio Lower Upper

79 100

52 66.0 52.8 79.2

51 34.5 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 73.672 ng

RT: 3.48 min Scan# 101

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

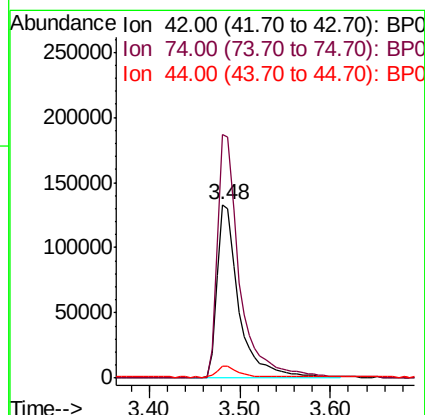
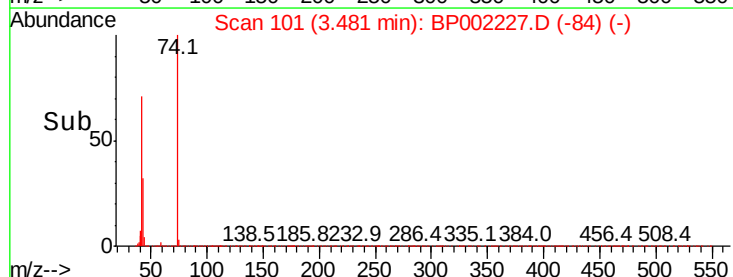
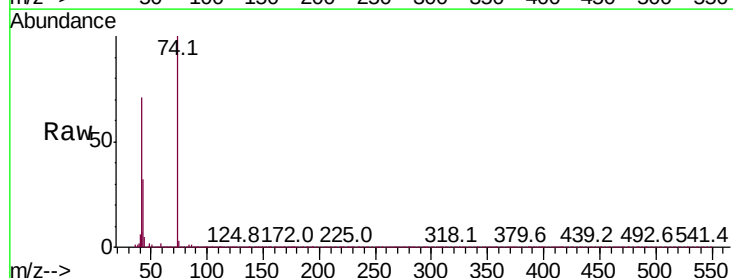
Tgt Ion: 42 Resp: 221895

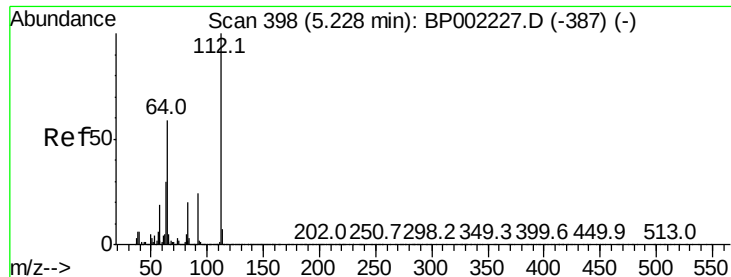
Ion Ratio Lower Upper

42 100

74 140.4 112.3 168.5

44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 85.445 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

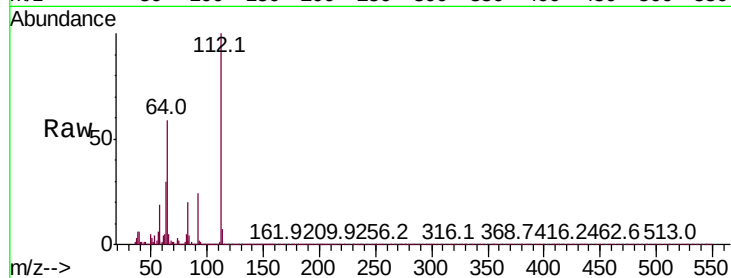
Tot Ion:112 Resp: 885855

Ion Ratio Lower Upper

112 100

64 58.6 46.9 70.3

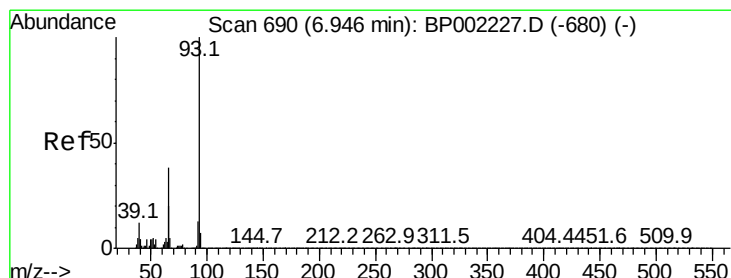
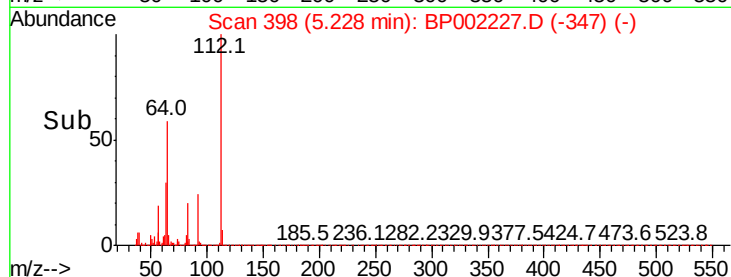
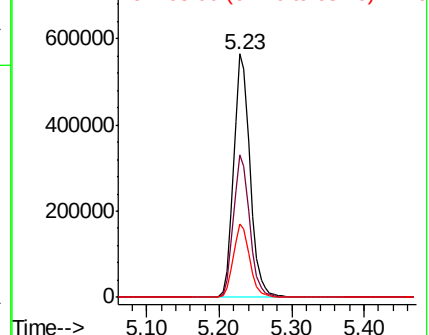
63 30.4 24.3 36.5



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: 53.726 ng

RT: 6.95 min Scan# 690

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

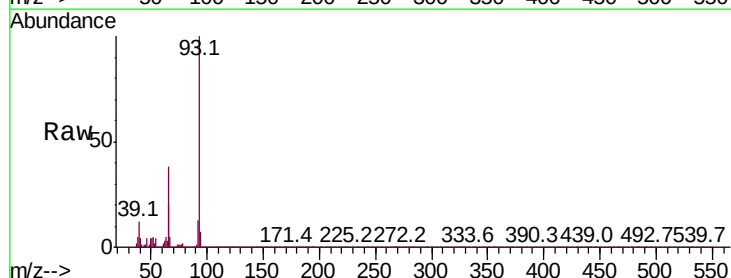
Tgt Ion: 93 Resp: 883084

Ion Ratio Lower Upper

93 100

66 37.9 30.3 45.5

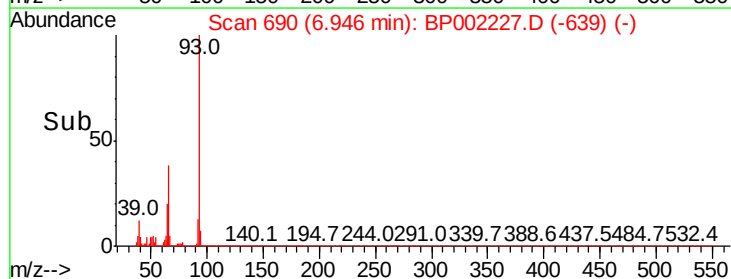
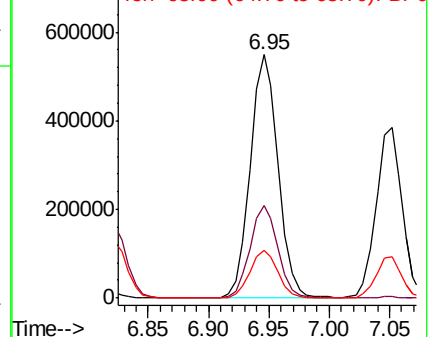
65 19.9 15.9 23.9

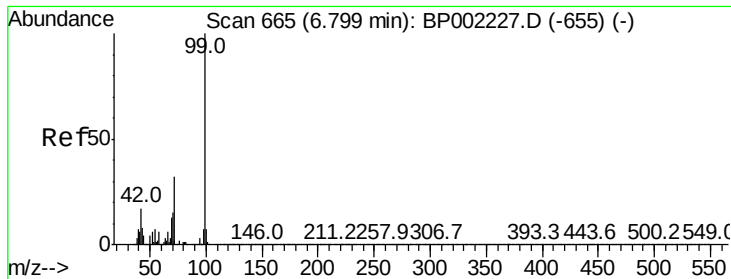


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 98.195 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

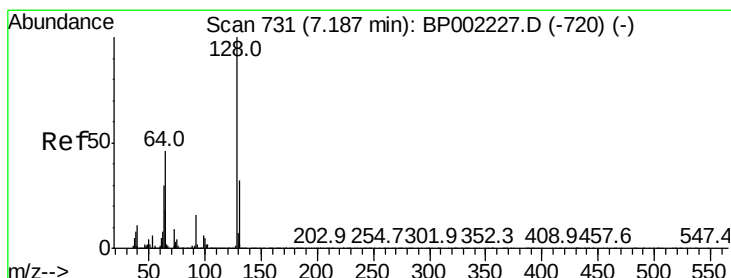
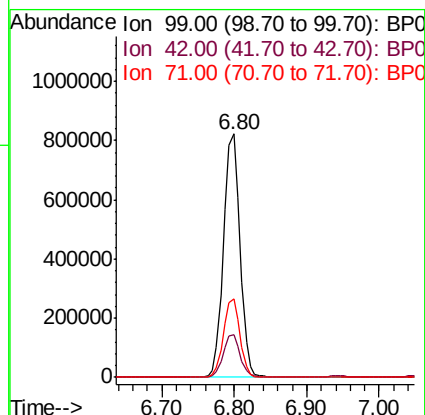
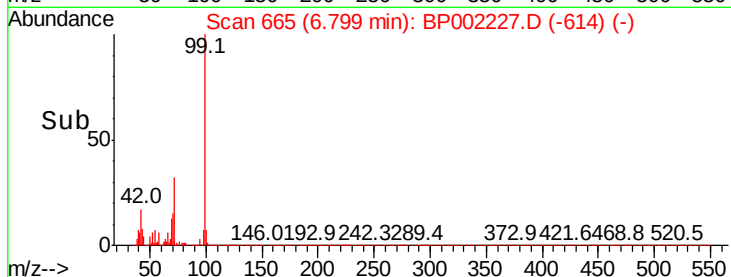
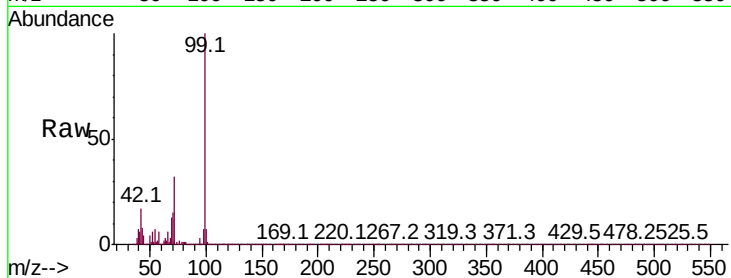
BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1308637

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.0	21.0
71	32.4	25.9	38.9



#8

2-Chlorophenol

Concen: 40.755 ng

RT: 7.19 min Scan# 731

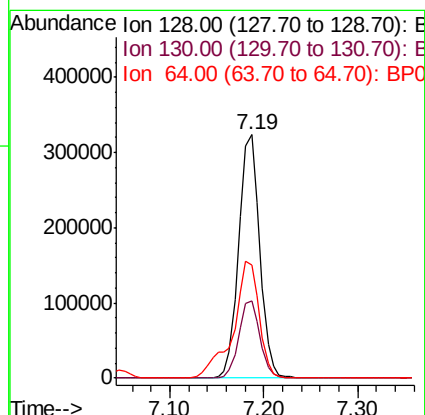
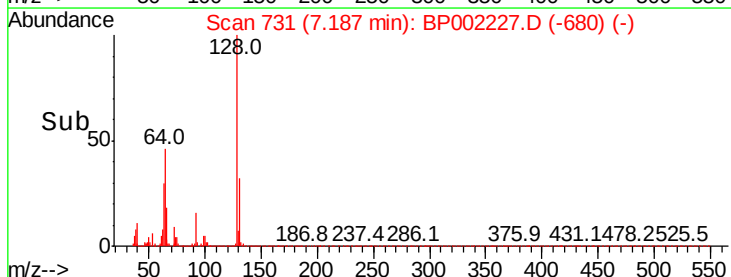
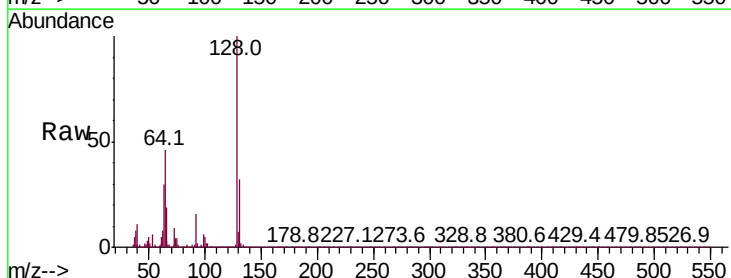
Delta R.T. 0.00 min

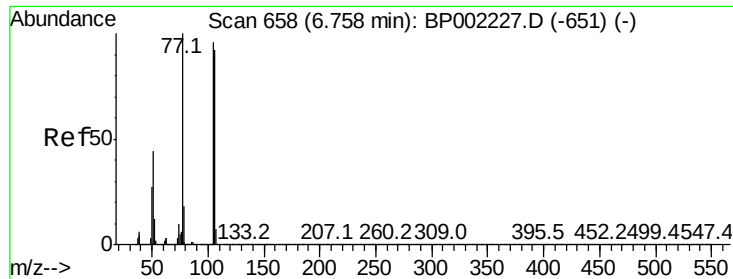
Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion: 128 Resp: 503520

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.9	51.9
64	46.2	26.2	66.2





#9

Benzaldehyde

Concen: 42.822 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

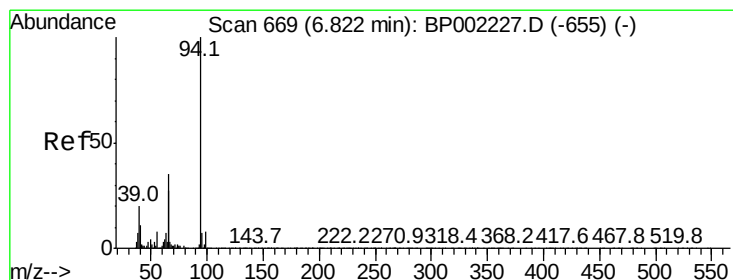
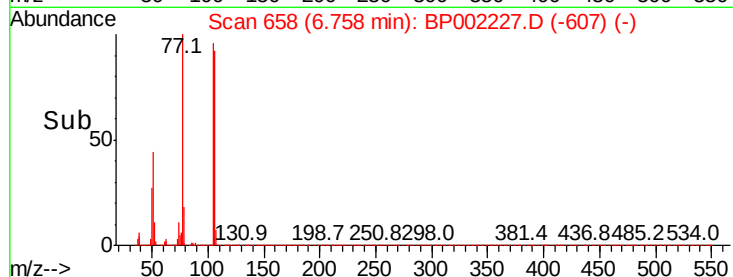
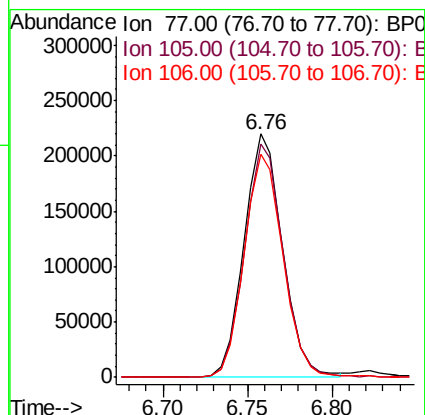
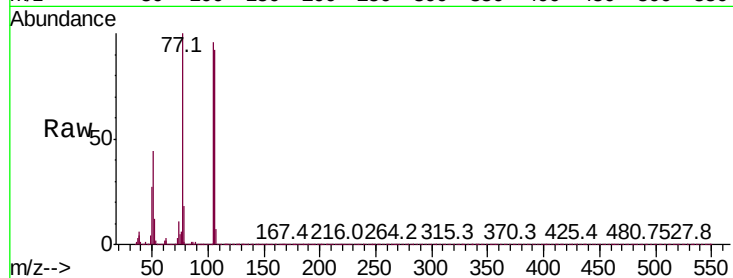
Tot Ion: 77 Resp: 347717

Ion Ratio Lower Upper

77 100

105 96.0 76.0 116.0

106 91.6 71.6 111.6



#10

Phenol

Concen: 49.693 ng

RT: 6.82 min Scan# 669

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

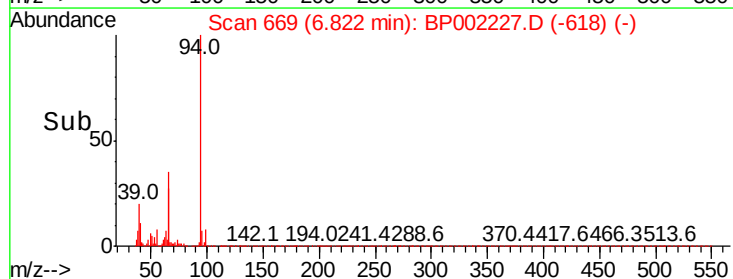
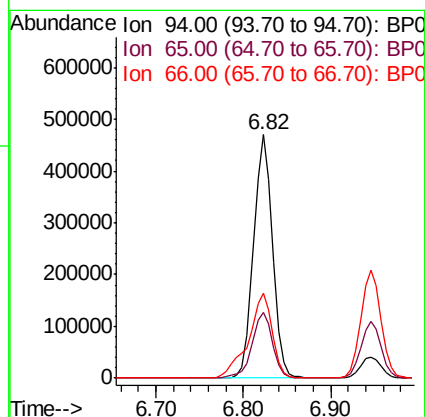
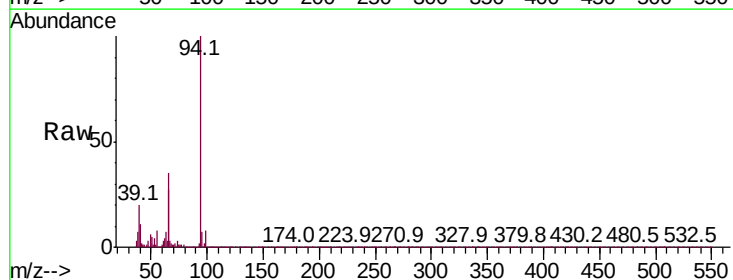
Tgt Ion: 94 Resp: 683782

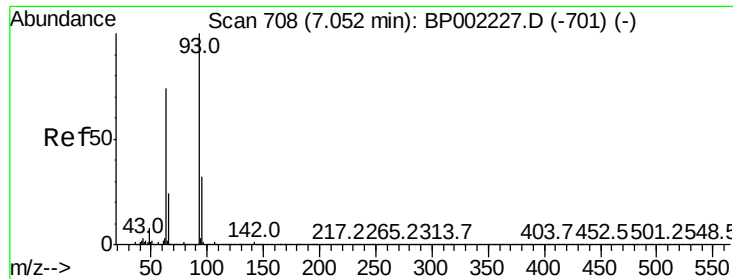
Ion Ratio Lower Upper

94 100

65 27.2 7.2 47.2

66 34.9 14.9 54.9

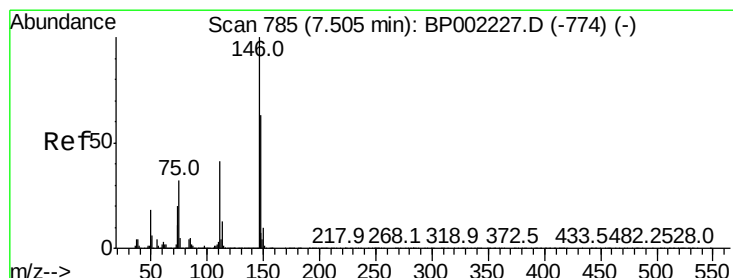
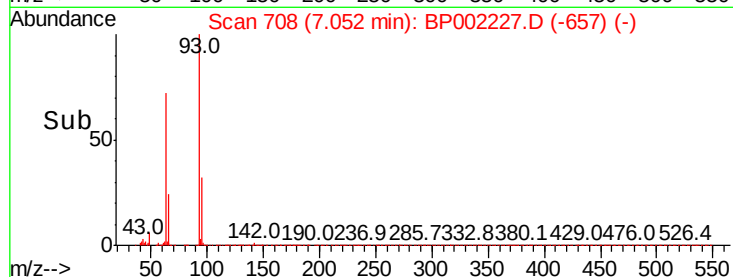
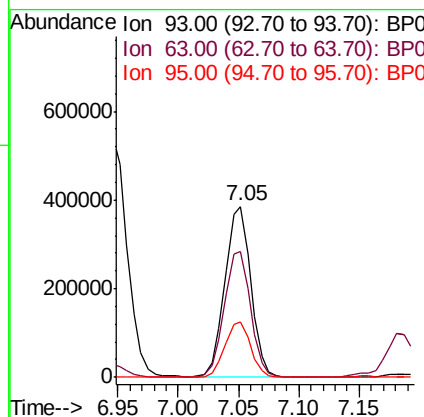
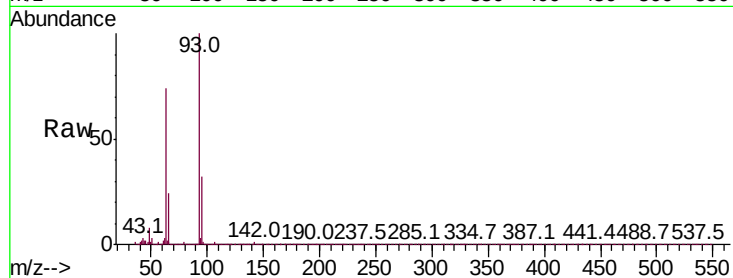




#11
bis(2-Chloroethyl)ether
Concen: 48.258 ng
RT: 7.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

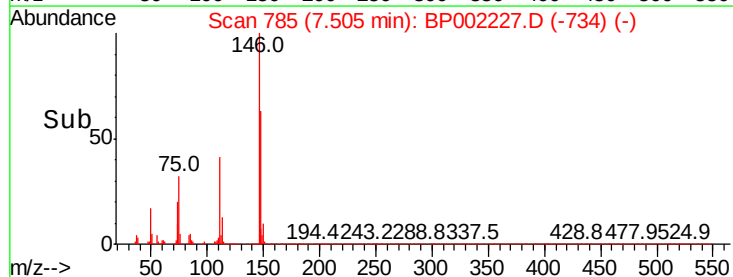
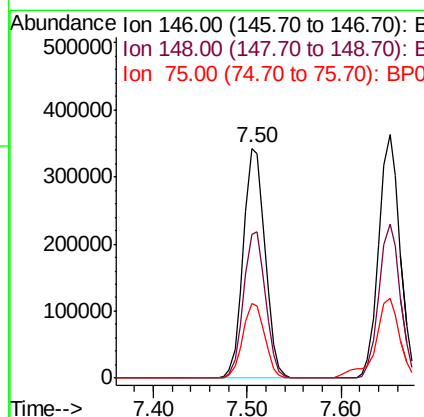
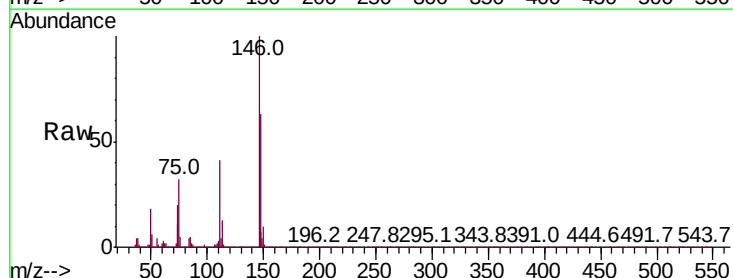
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

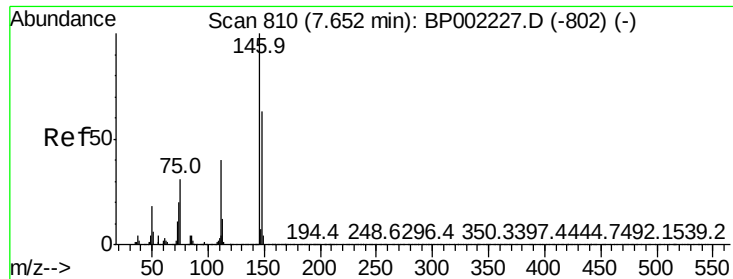
Tot Ion:	93	Resp:	572339
Ion	Ratio	Lower	Upper
93	100		
63	73.6	53.6	93.6
95	32.2	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 38.406 ng
RT: 7.50 min Scan# 785
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:	146	Resp:	550281
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
75	32.5	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 39.110 ng

RT: 7.65 min Scan# 810

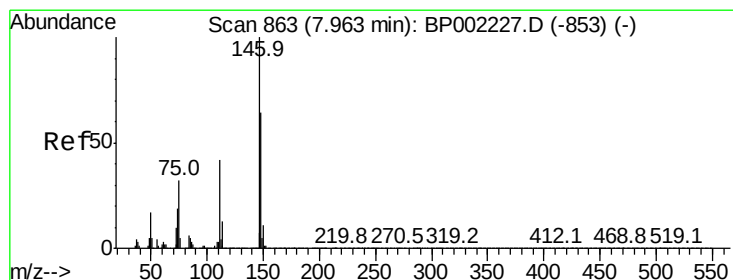
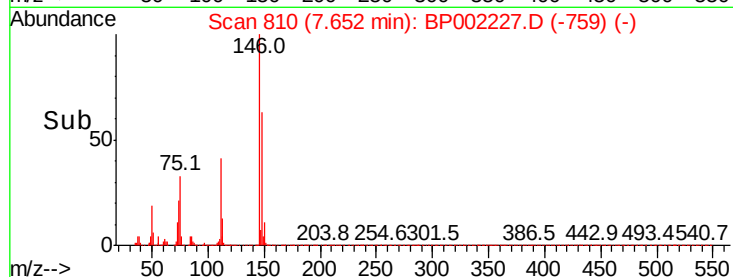
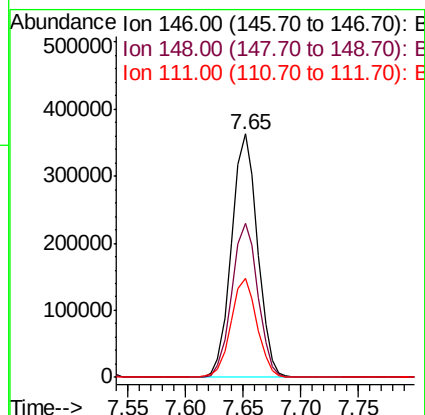
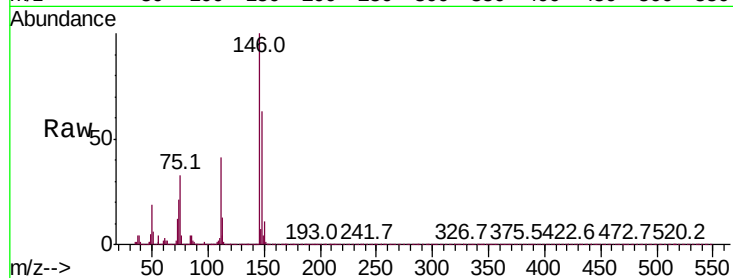
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	40.6	32.5	48.7



#14

1,2-Dichlorobenzene

Concen: 39.698 ng

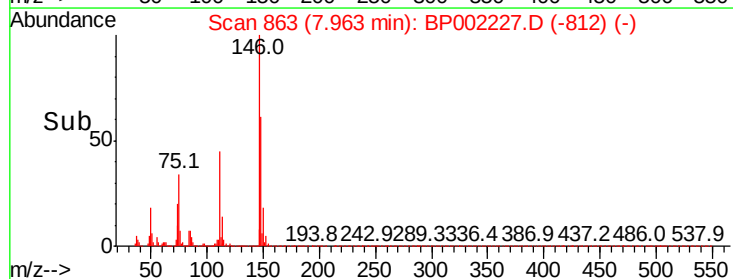
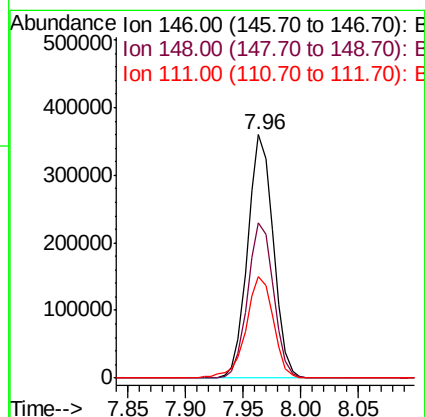
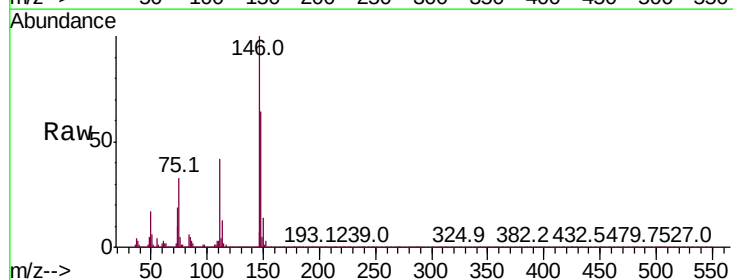
RT: 7.96 min Scan# 863

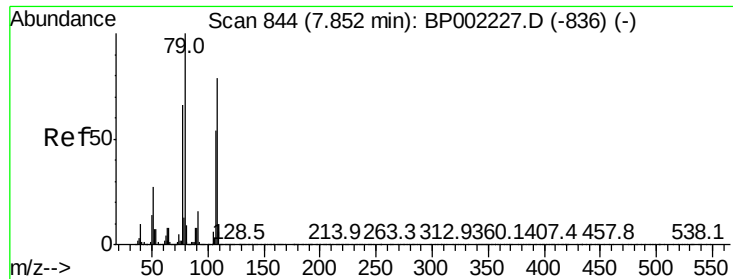
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	41.9	33.5	50.3





#15

Benzyl Alcohol

Concen: 65.429 ng

RT: 7.85 min Scan# 844

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

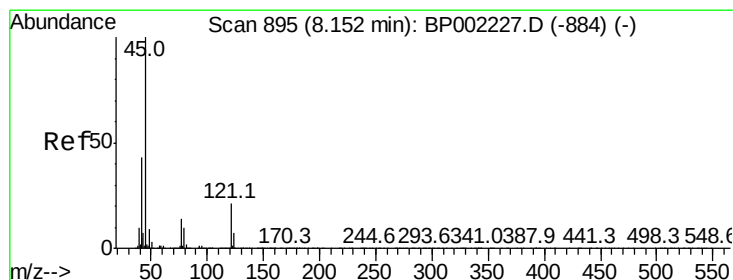
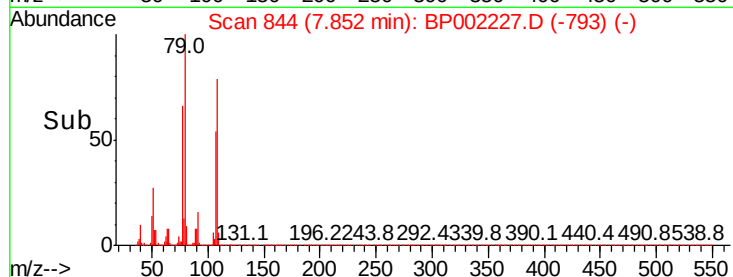
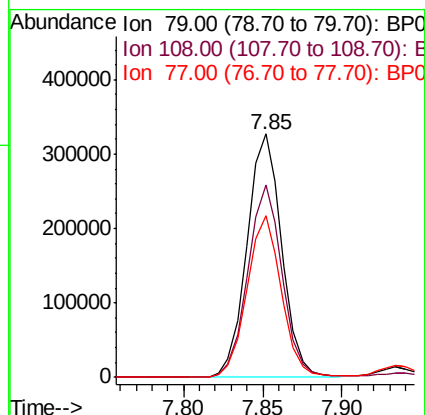
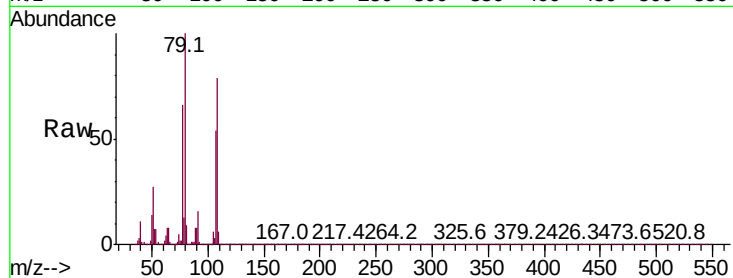
Tot Ion: 79 Resp: 496488

Ion Ratio Lower Upper

79 100

108 79.0 63.2 94.8

77 66.4 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 85.697 ng

RT: 8.15 min Scan# 895

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

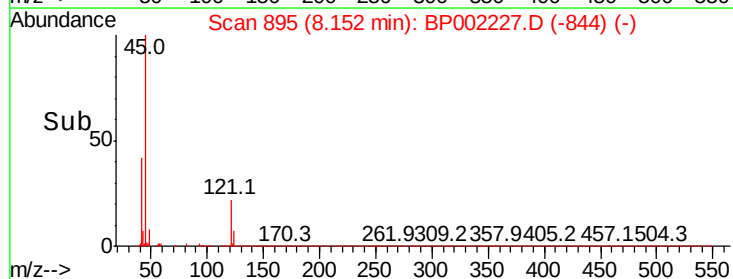
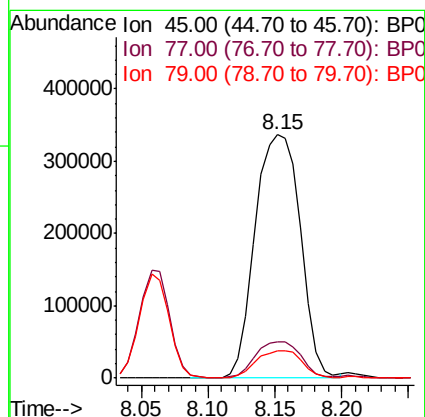
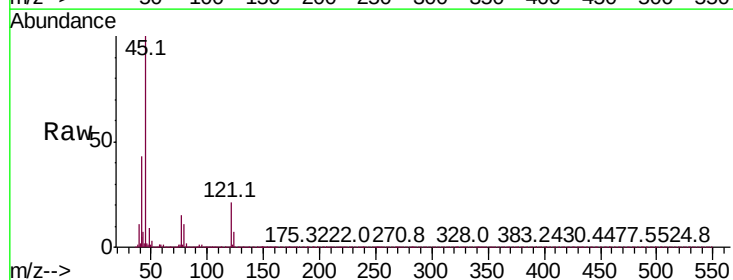
Tgt Ion: 45 Resp: 790785

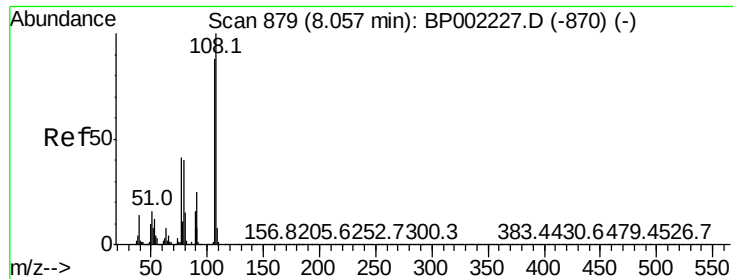
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.0

79 11.3 0.0 31.3

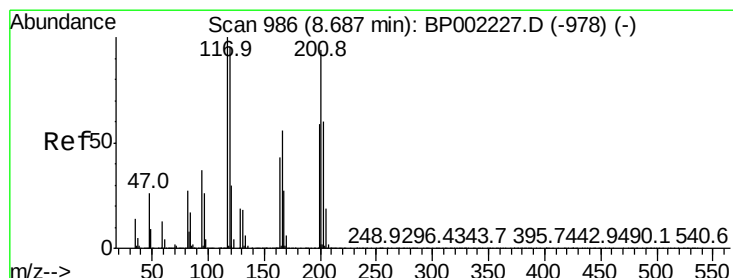
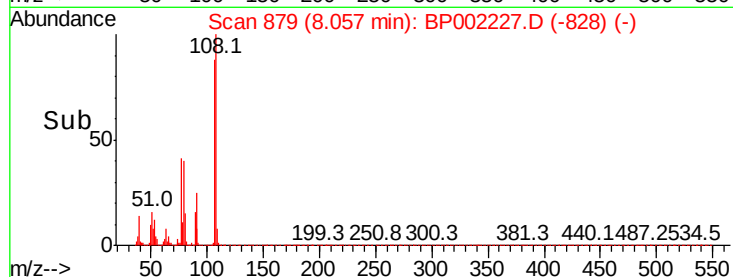
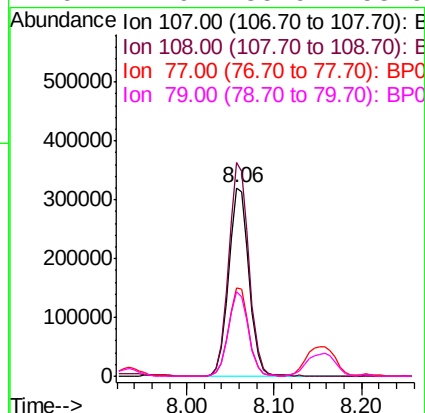
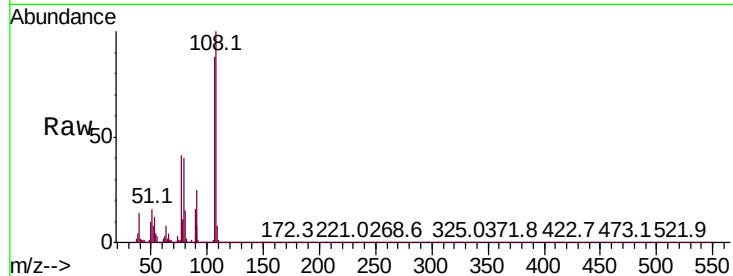




#17
2-Methylphenol
Concen: 47.749 ng
RT: 8.06 min Scan# 879
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

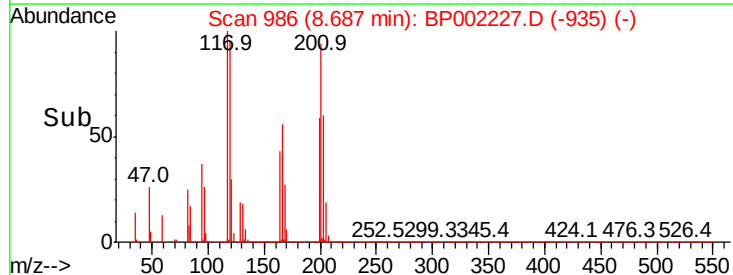
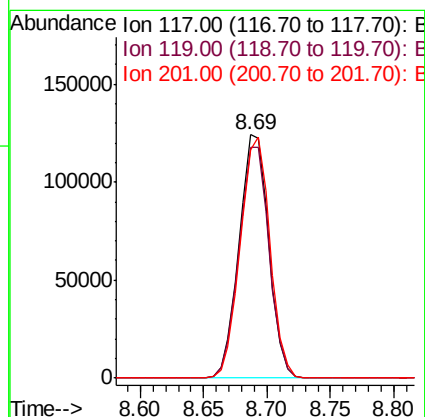
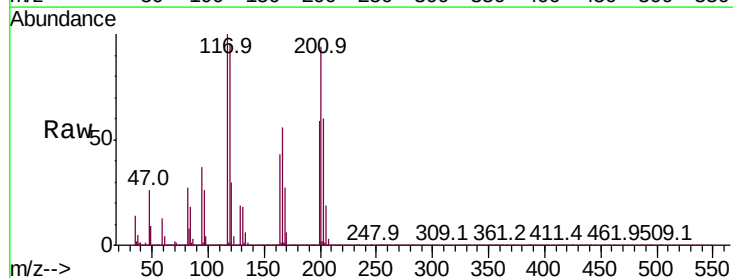
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

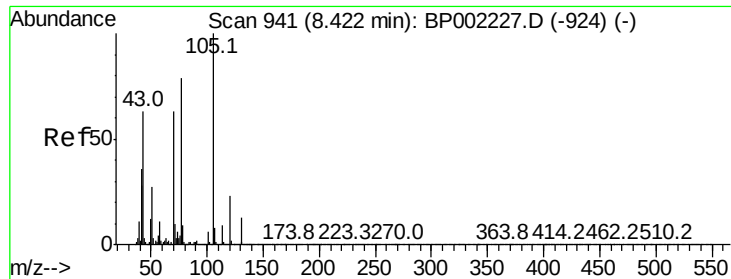
Tot Ion:	107	Resp:	509307
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.6	136.0
77	46.6	37.3	55.9
79	44.9	35.9	53.9



#18
Hexachloroethane
Concen: 39.351 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:	117	Resp:	201230
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.7	113.5
201	94.0	75.2	112.8

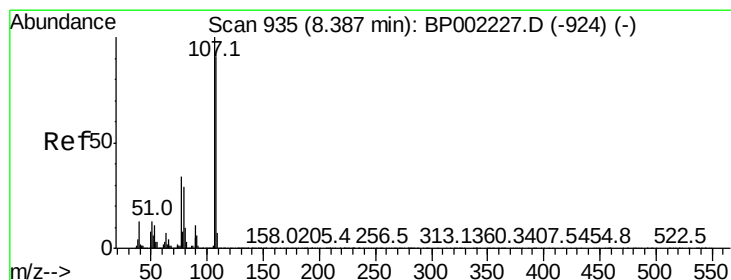
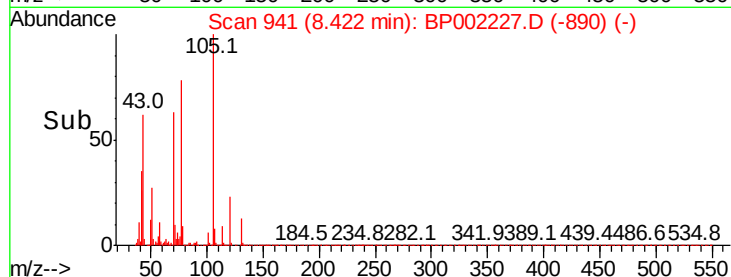
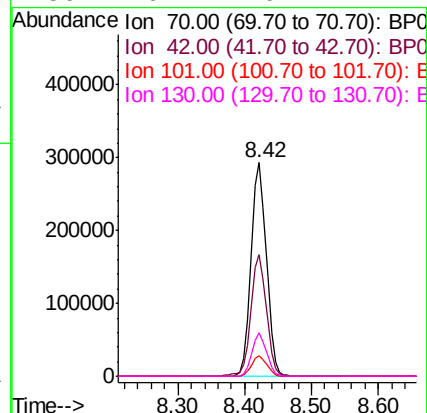
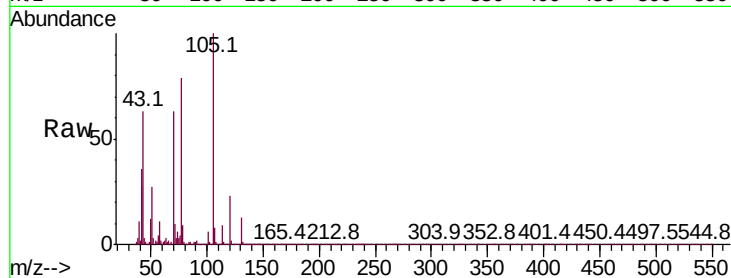




#19
n-Nitroso-di-n-propylamine
Concen: 69.547 ng
RT: 8.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

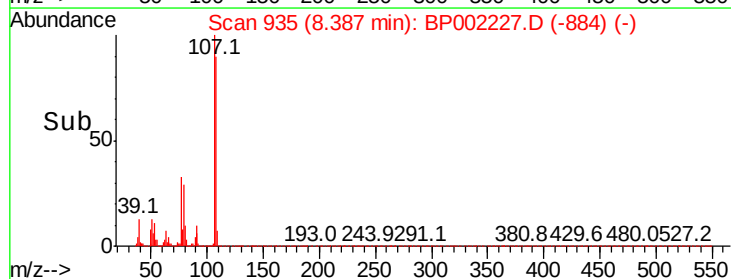
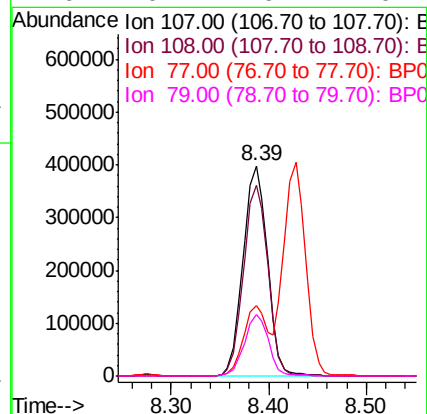
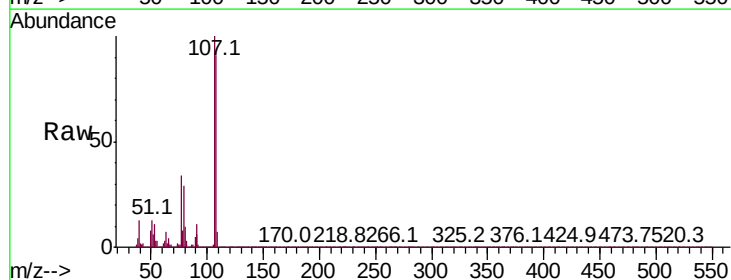
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

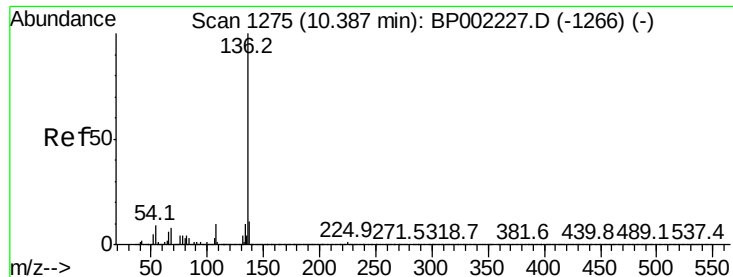
Tot Ion:	70	Resp:	456736
Ion	Ratio	Lower	Upper
70	100		
42	56.8	45.4	68.2
101	9.4	7.5	11.3
130	20.1	16.1	24.1



#20
3+4-Methylphenols
Concen: 48.395 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:	107	Resp:	694821
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.1	111.1
77	33.6	13.6	53.6
79	29.4	9.4	49.4

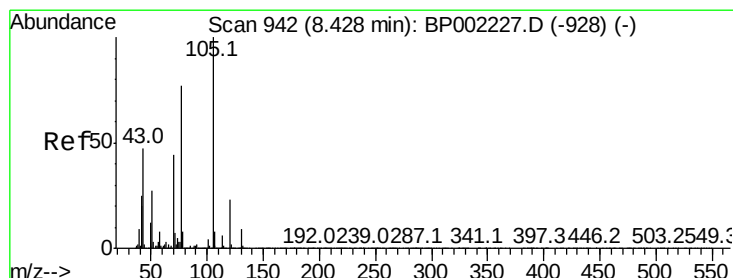
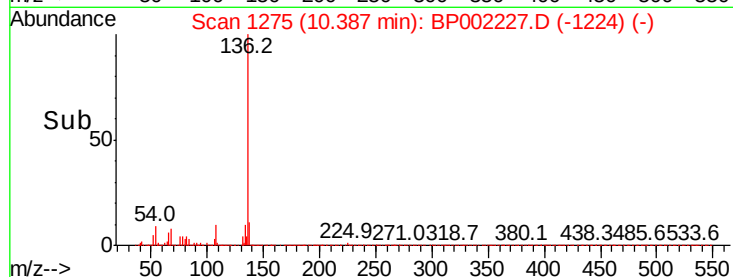
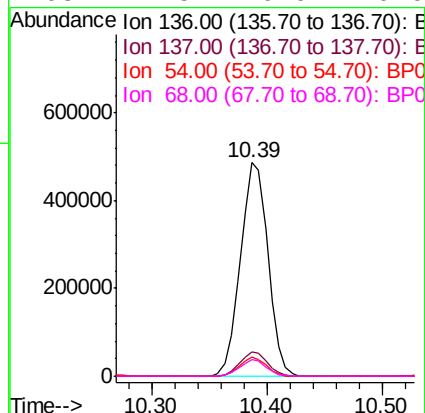
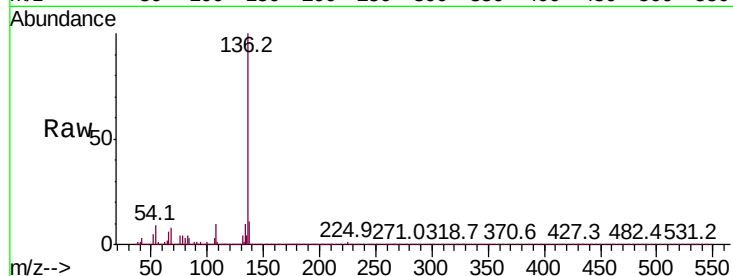




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

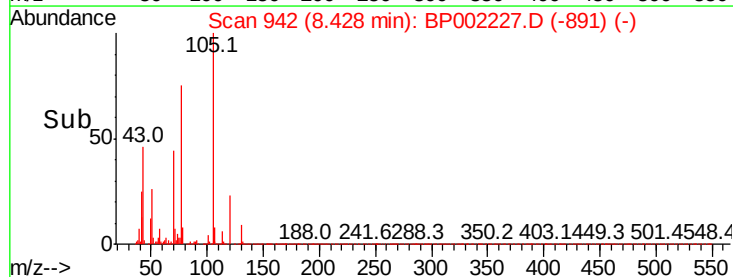
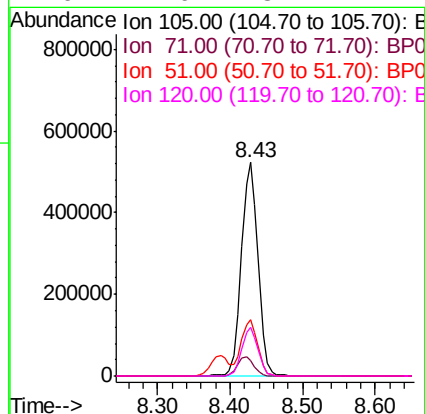
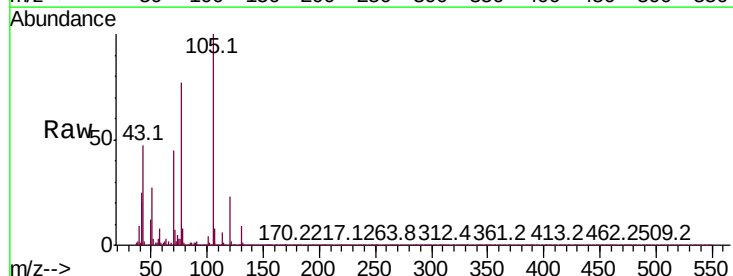
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

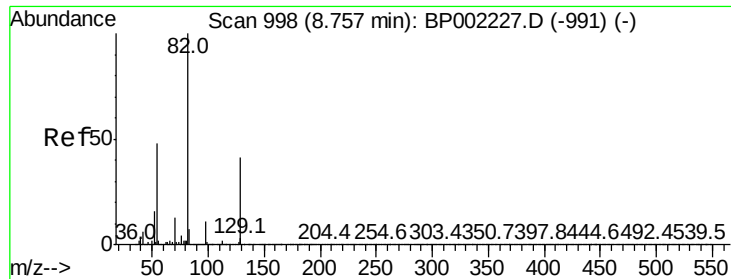
Tot Ion:	136	Resp:	804781
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.8	7.0	10.6
68	7.5	6.0	9.0



#22
Acetophenone
Concen: 45.073 ng
RT: 8.43 min Scan# 942
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:	105	Resp:	830028
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.8	8.8
51	26.6	21.3	31.9
120	22.6	18.1	27.1



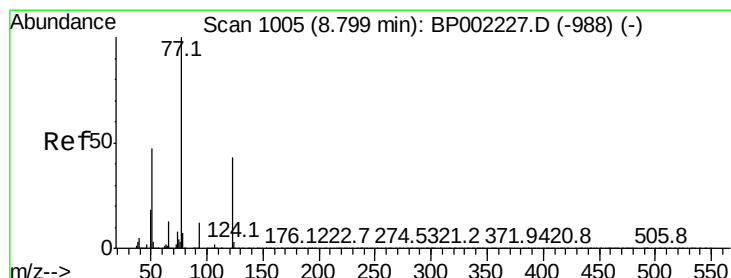
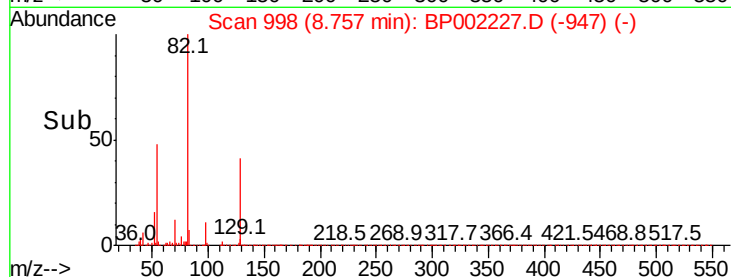
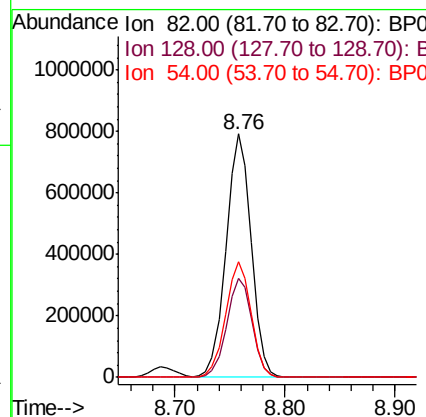
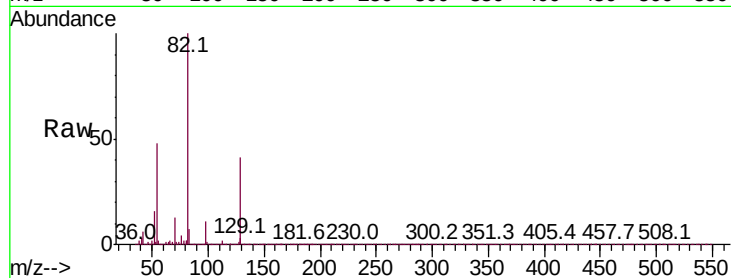


#23
 Nitrobenzene-d5
 Concen: 104.053 ng
 RT: 8.76 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BP002227.D
 Acq: 04 May 2020 16:41

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

Tot Ion: 82 Resp: 1255759

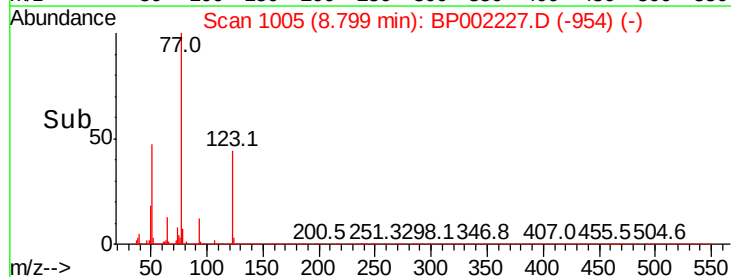
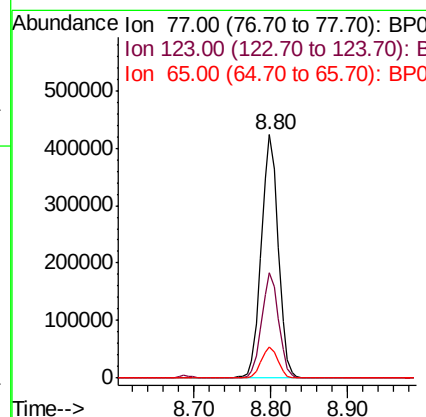
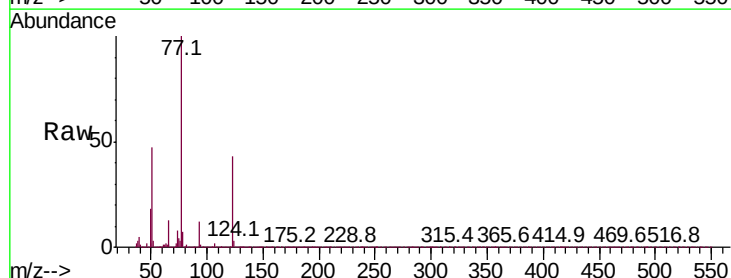
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	47.7	38.2	57.2

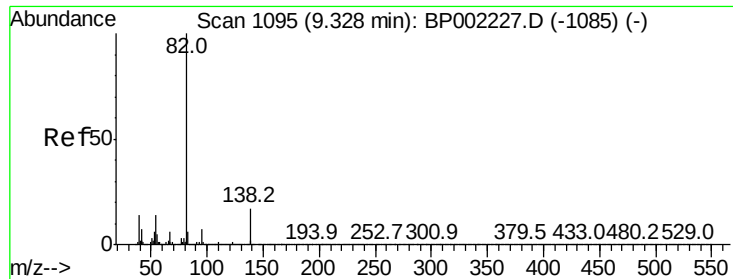


#24
 Nitrobenzene
 Concen: 51.499 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BP002227.D
 Acq: 04 May 2020 16:41

Tgt Ion: 77 Resp: 655660

Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.8	52.2
65	13.0	10.4	15.6





#25

Isophorone

Concen: 52.597 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

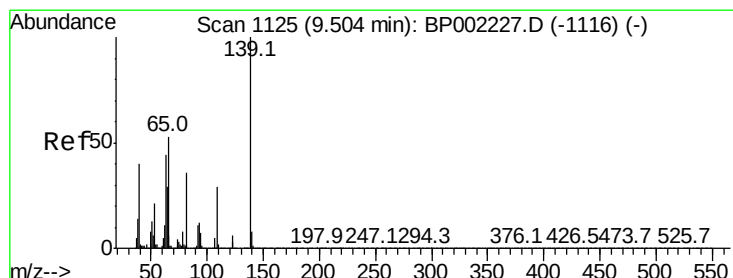
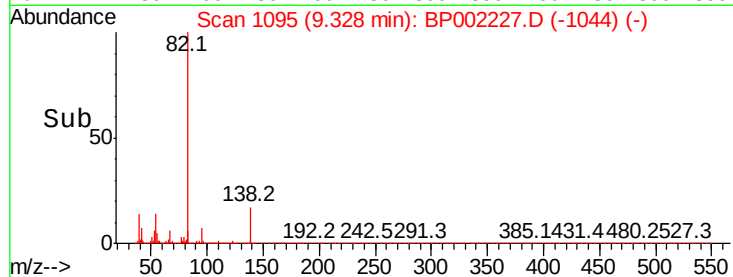
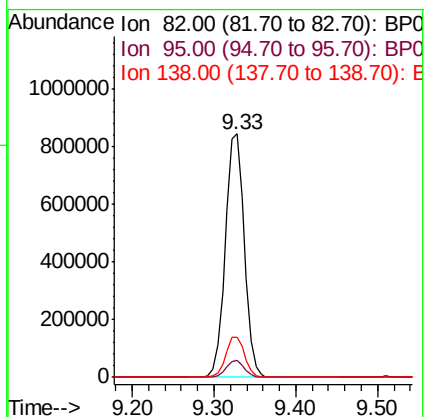
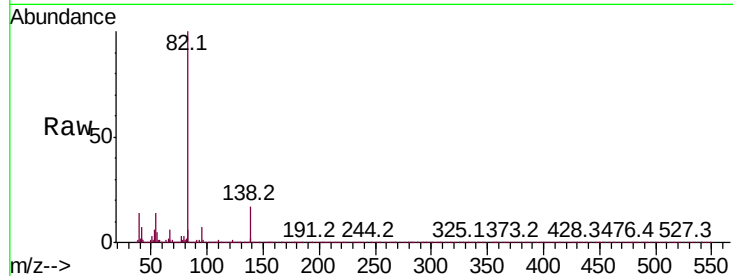
Tot Ion: 82 Resp: 1359310

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	16.6	13.3	19.9

82 100

95 6.9 5.5 8.3

138 16.6 13.3 19.9



#26

2-Nitrophenol

Concen: 42.170 ng

RT: 9.50 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

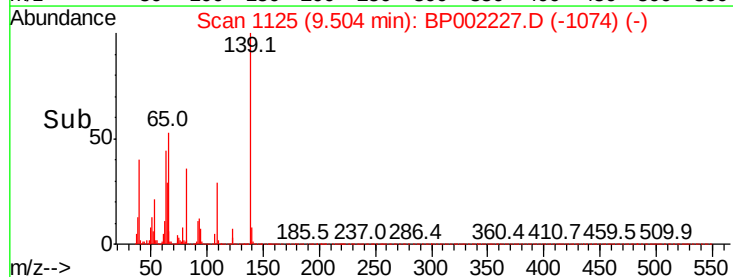
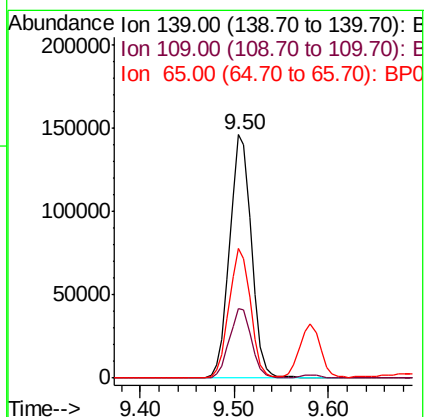
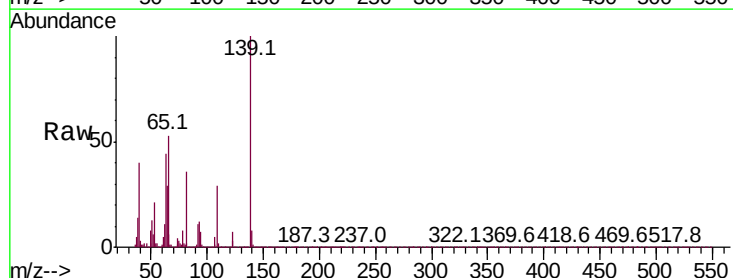
Tgt Ion: 139 Resp: 235064

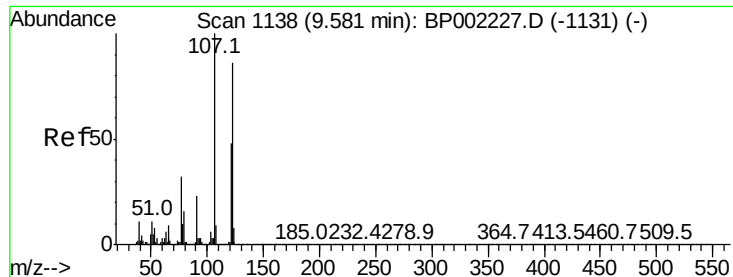
Ion	Ratio	Lower	Upper
139	100		
109	28.6	22.9	34.3
65	53.3	42.6	64.0

139 100

109 28.6 22.9 34.3

65 53.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 43.082 ng

RT: 9.58 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

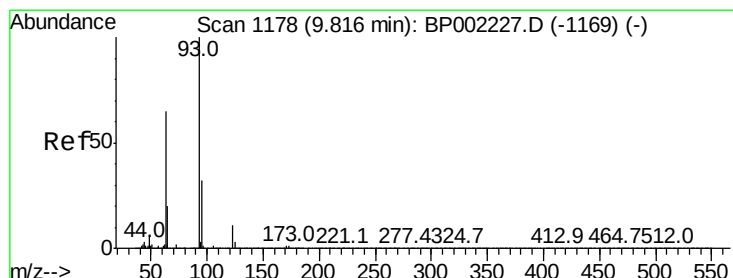
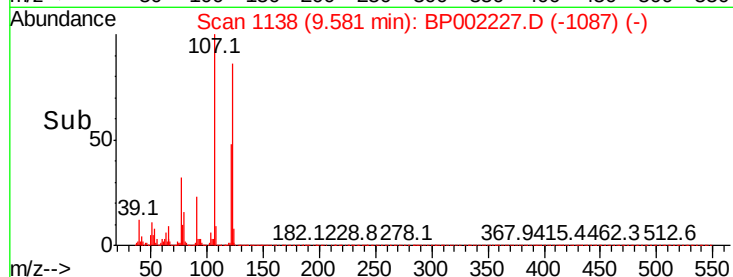
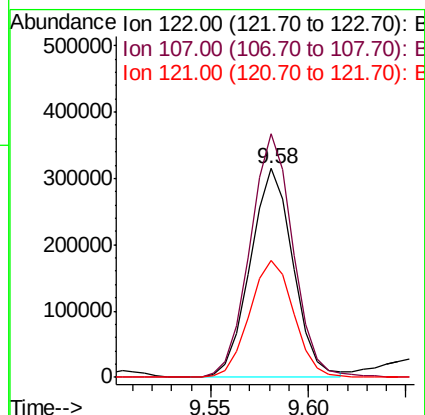
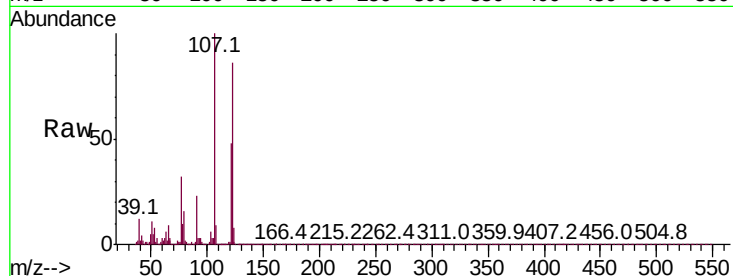
Tot Ion:122 Resp: 478204

Ion Ratio Lower Upper

122 100

107 116.6 93.3 139.9

121 55.9 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.778 ng

RT: 9.82 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

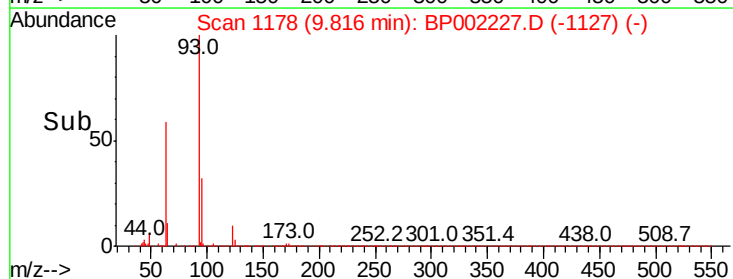
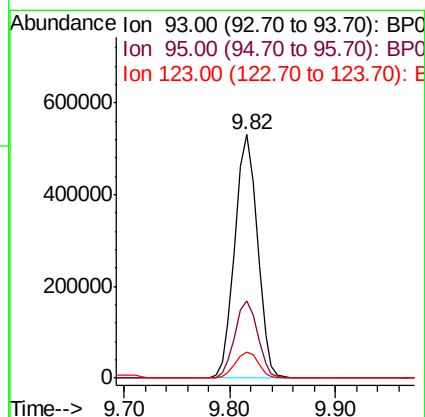
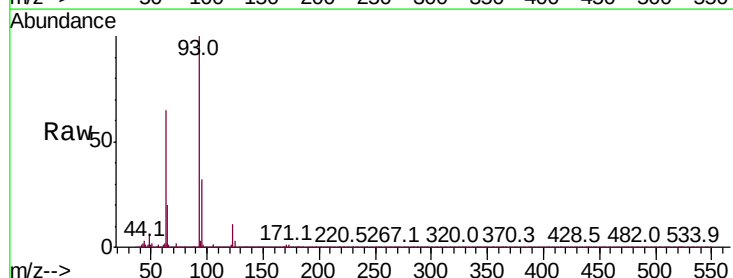
Tgt Ion: 93 Resp: 786033

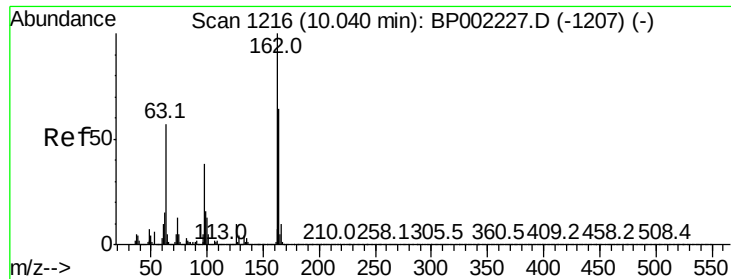
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 10.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 41.192 ng

RT: 10.04 min Scan# 1216

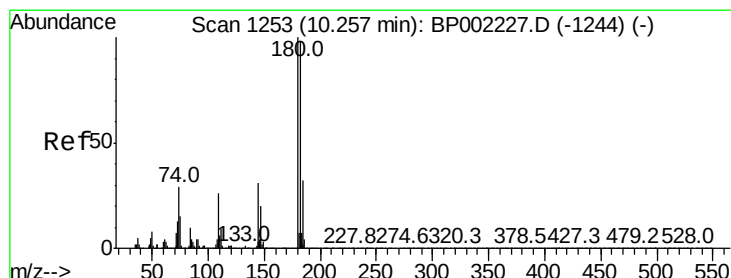
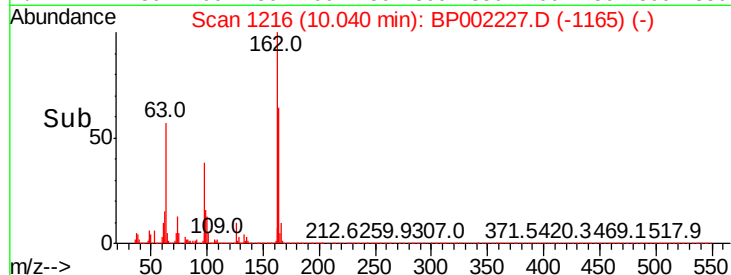
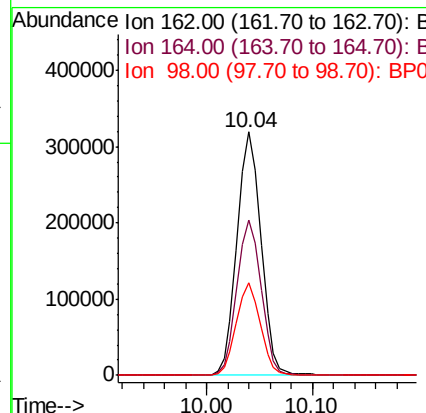
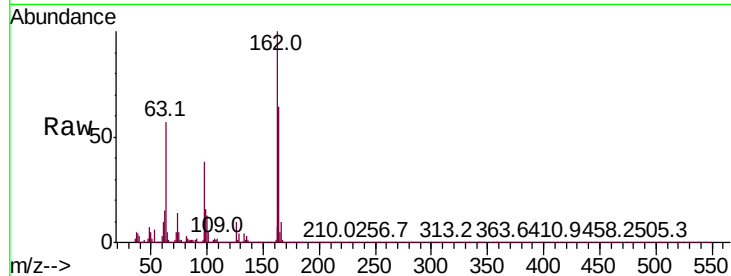
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	37.9	17.9	57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.329 ng

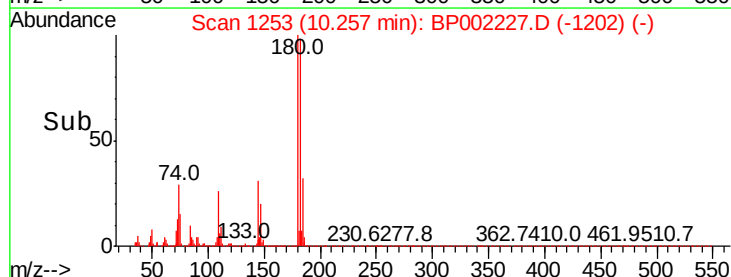
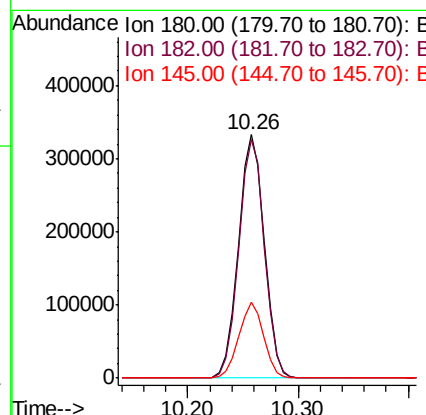
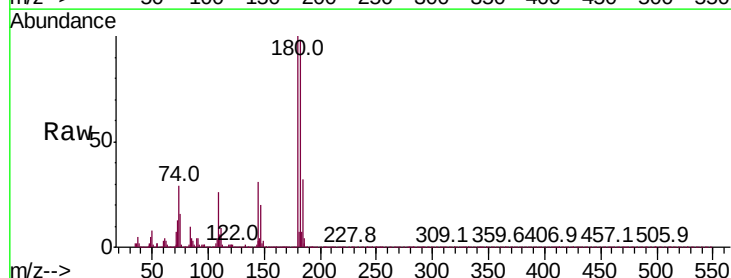
RT: 10.26 min Scan# 1253

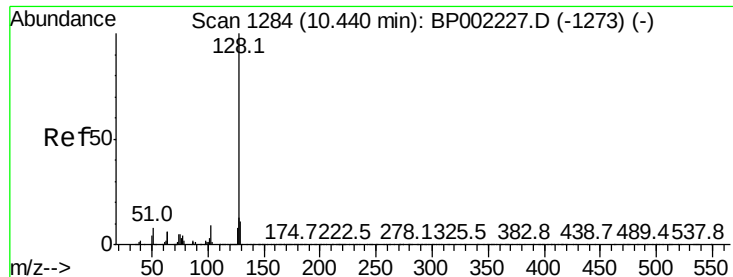
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.6	117.8
145	30.9	24.7	37.1





#31

Naphthalene

Concen: 39.044 ng

RT: 10.44 min Scan# 1284

Delta R.T. 0.00 min

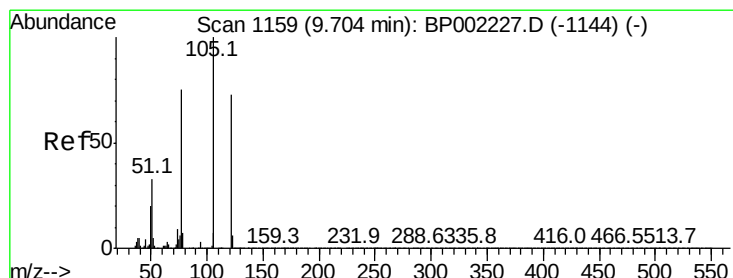
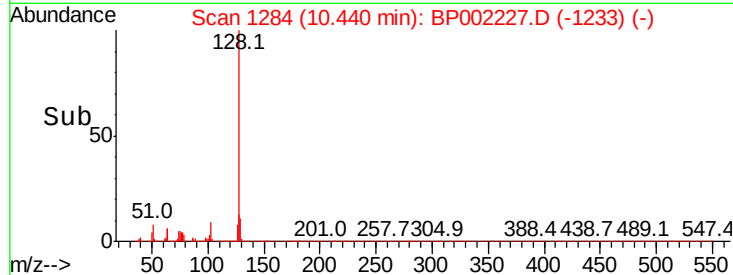
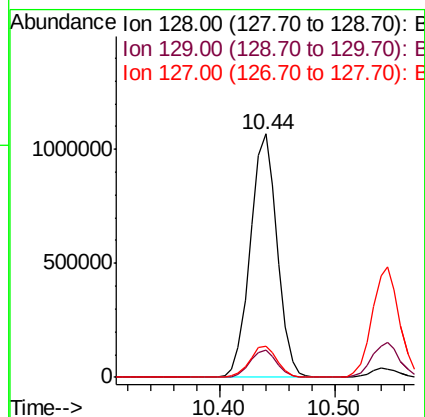
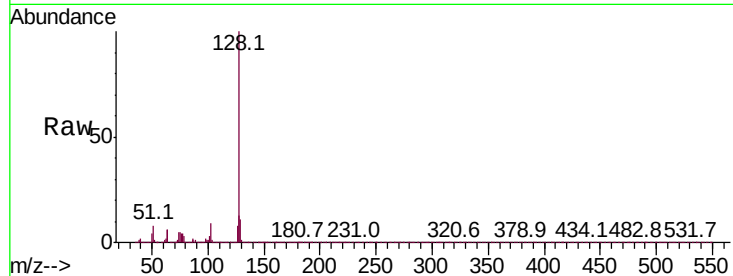
Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tot Ion:128 Resp: 1721707

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.3	15.5



#32

Benzoic acid

Concen: 54.051 ng

RT: 9.70 min Scan# 1159

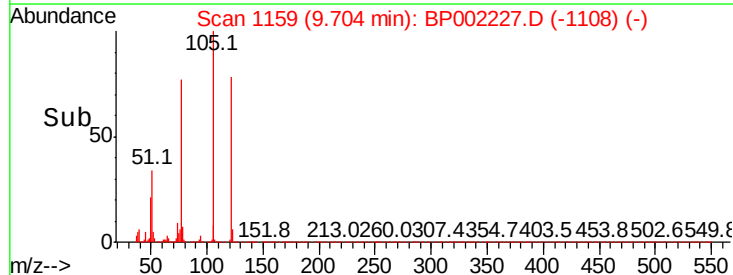
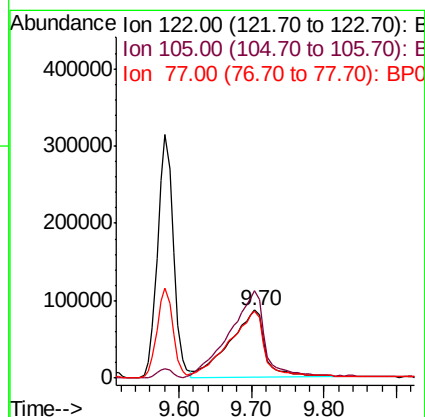
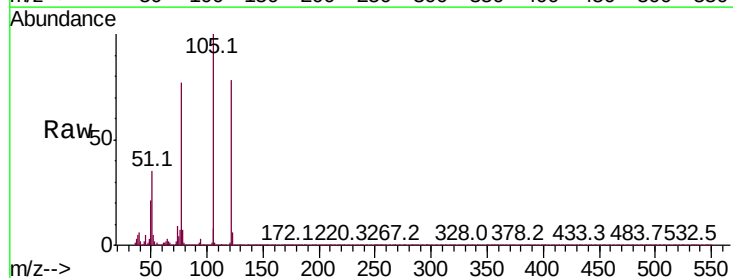
Delta R.T. 0.00 min

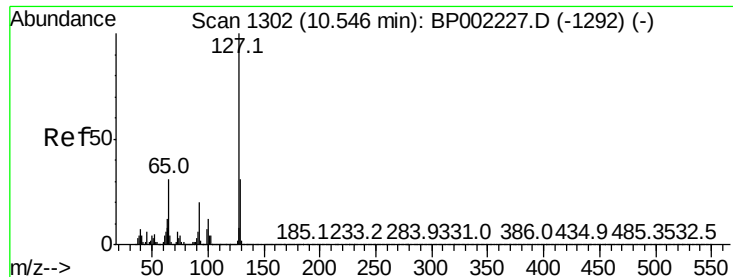
Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion:122 Resp: 294448

Ion	Ratio	Lower	Upper
122	100		
105	128.6	108.6	148.6
77	99.2	79.2	119.2

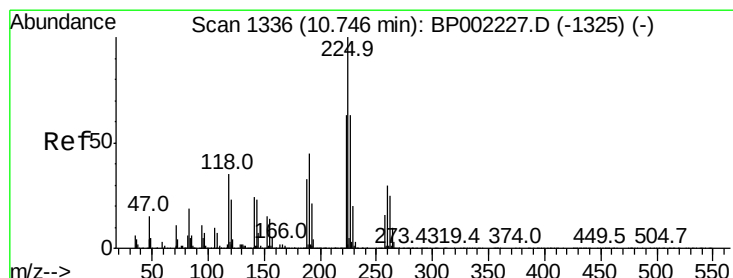
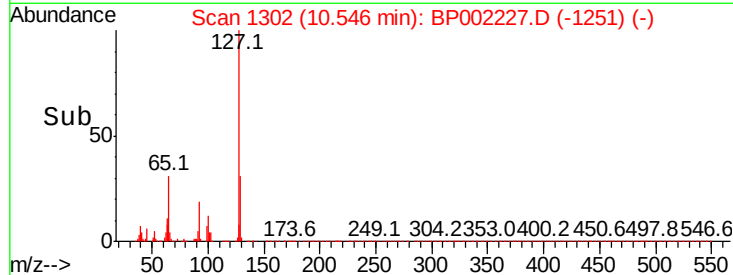
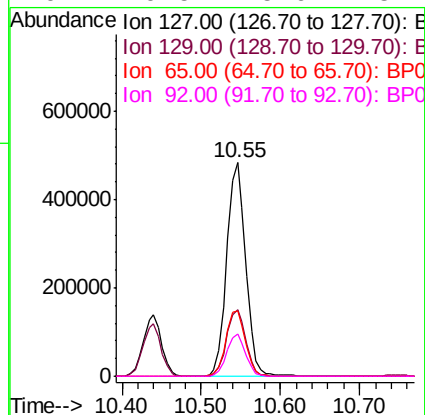
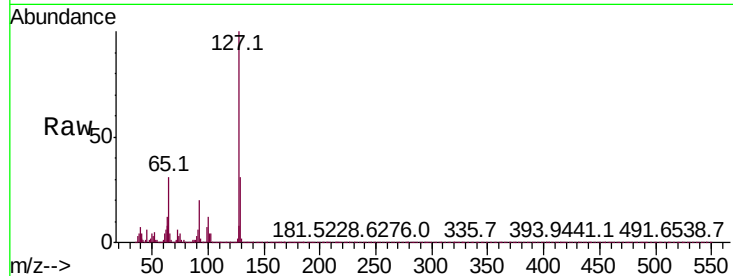




#33
4-Chloroaniline
Concen: 44.665 ng
RT: 10.55 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

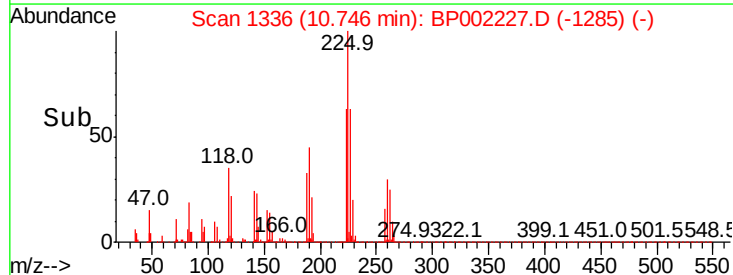
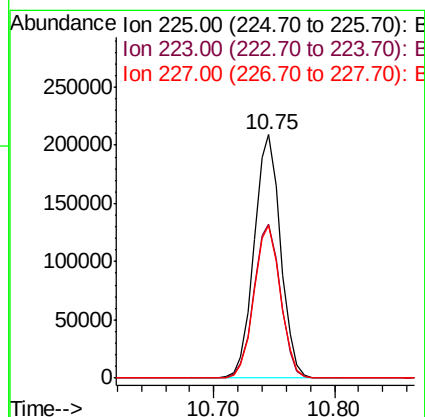
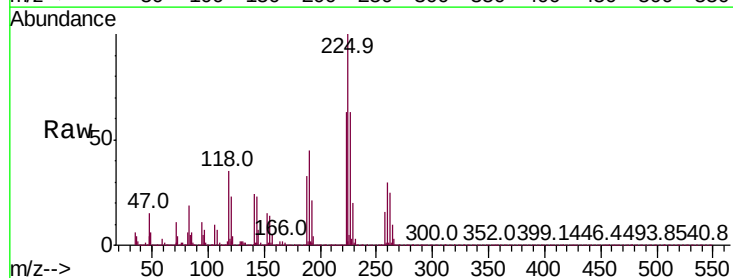
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

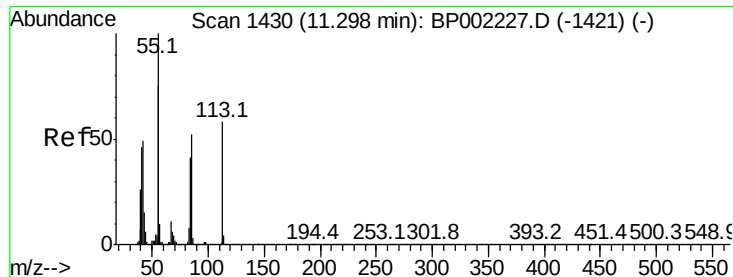
Tot Ion:	127	Resp:	798205
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.0	37.4
65	30.7	24.6	36.8
92	19.5	15.6	23.4



#34
Hexachlorobutadiene
Concen: 39.383 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:	225	Resp:	318793
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	62.9	50.3	75.5

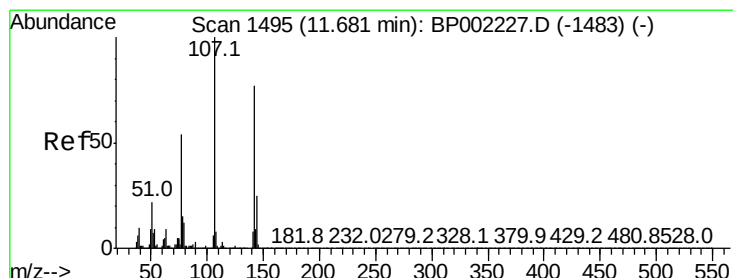
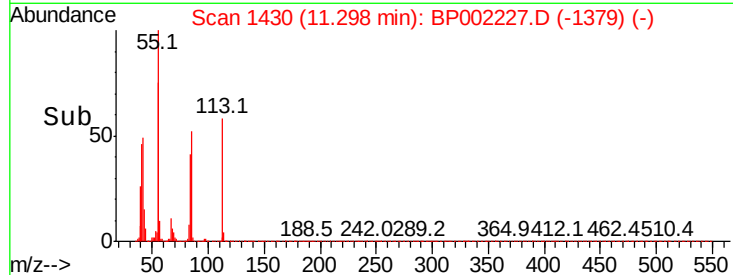
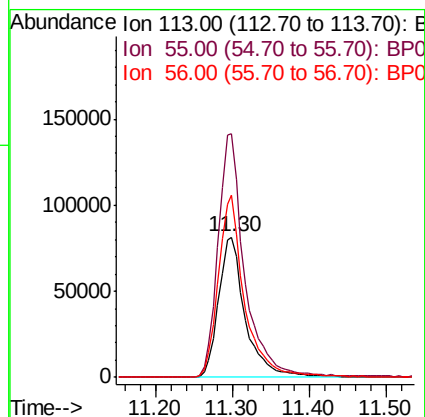
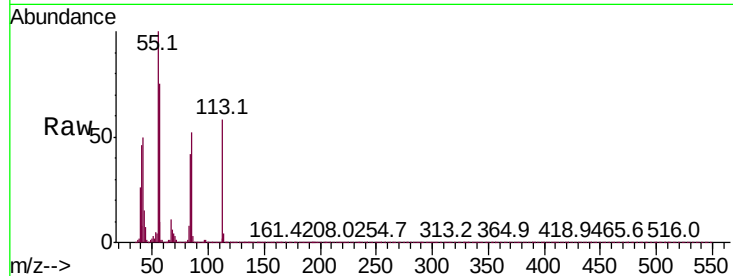




#35
Caprolactam
Concen: 73.617 ng
RT: 11.30 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

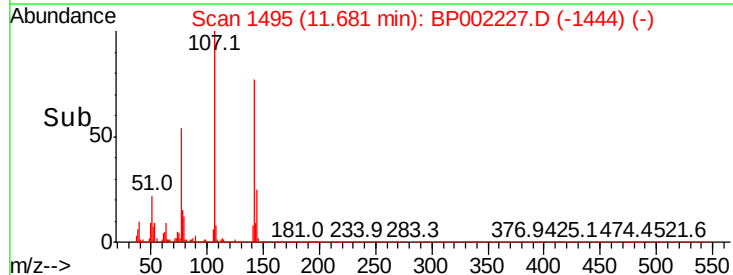
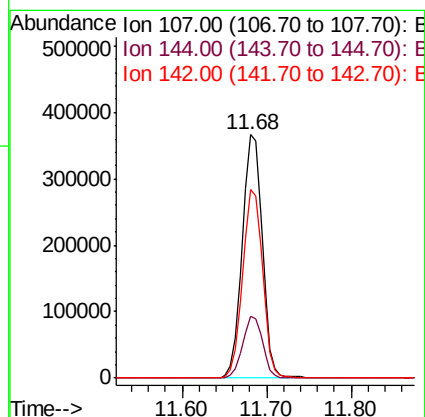
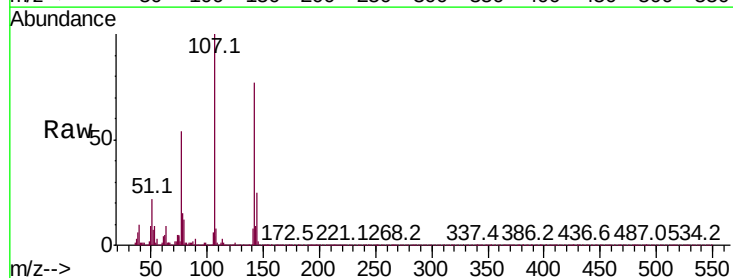
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

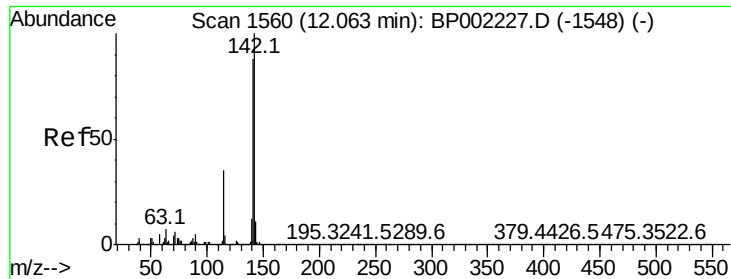
Tot Ion:113 Resp: 195728
Ion Ratio Lower Upper
113 100
55 173.8 153.8 193.8
56 129.8 109.8 149.8



#36
4-Chloro-3-methylphenol
Concen: 48.906 ng
RT: 11.68 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:107 Resp: 598412
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 77.4 61.9 92.9

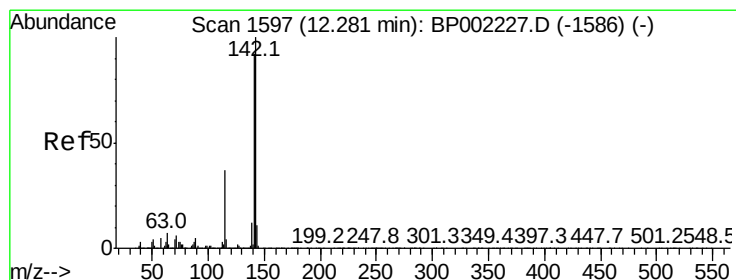
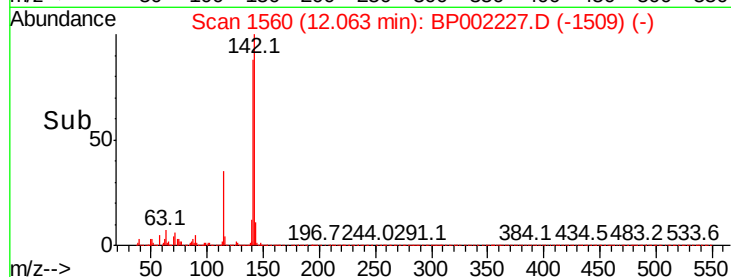
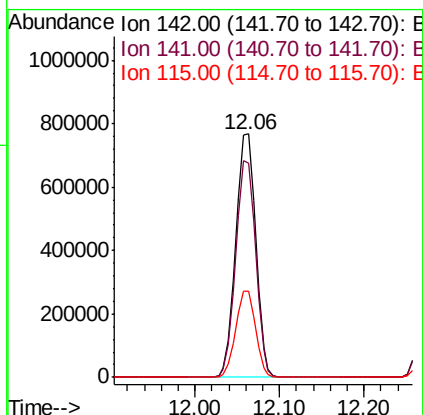
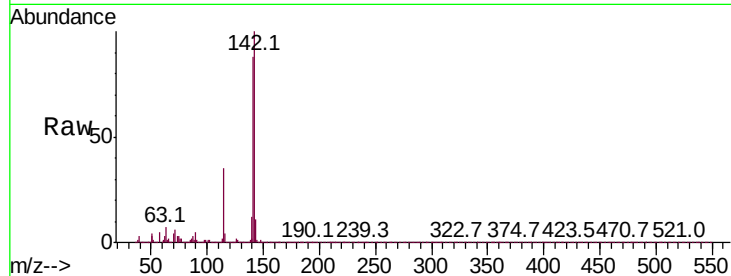




#37
2-Methylnaphthalene
Concen: 40.847 ng
RT: 12.06 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

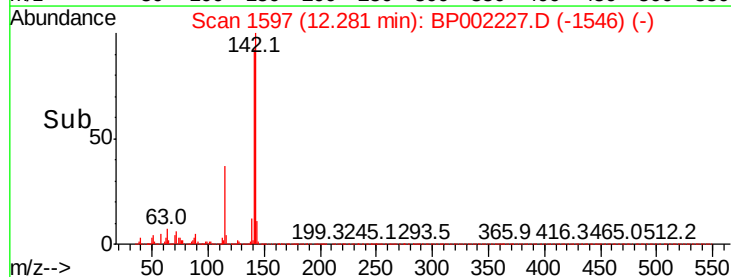
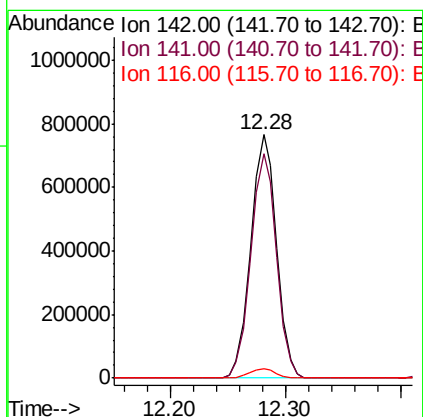
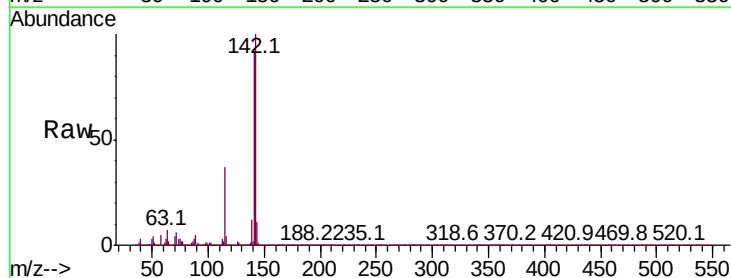
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

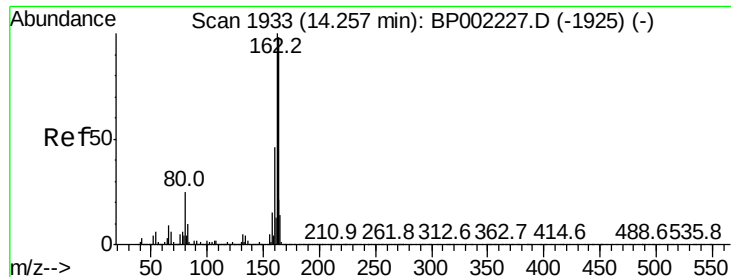
Tot Ion:142 Resp: 1243388
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8
115 35.4 28.3 42.5



#38
1-Methylnaphthalene
Concen: 40.879 ng
RT: 12.28 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:142 Resp: 1184724
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

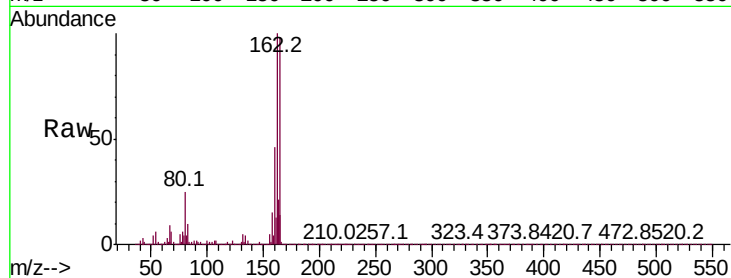
Tot Ion:164 Resp: 515256

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

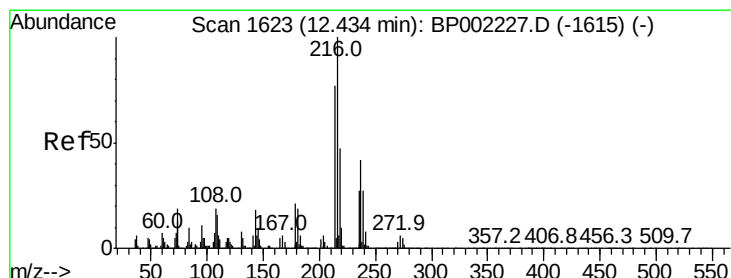
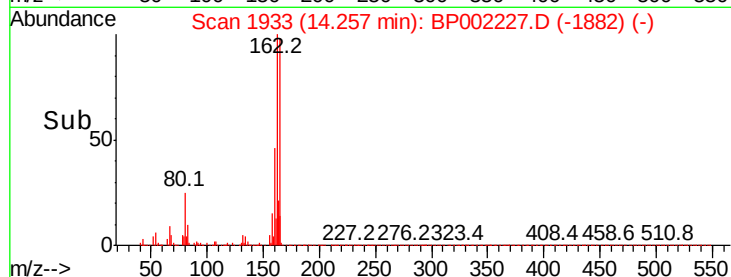
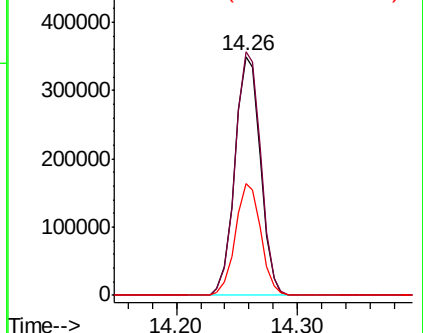
160 46.6 37.3 55.9



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: 39.078 ng

RT: 12.43 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion:216 Resp: 614082

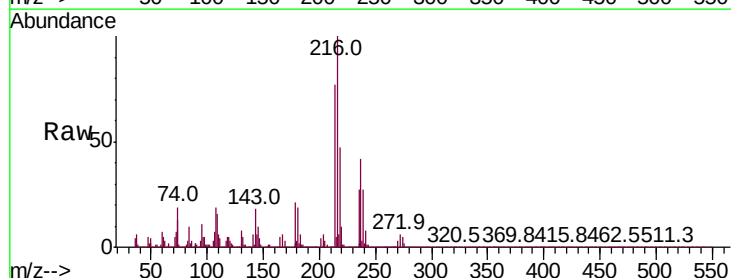
Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.4

179 20.5 16.4 24.6

108 19.8 15.8 23.8

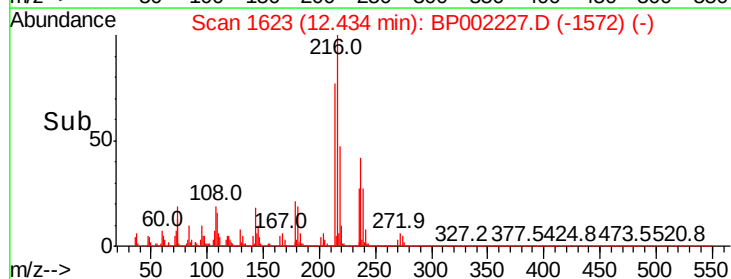
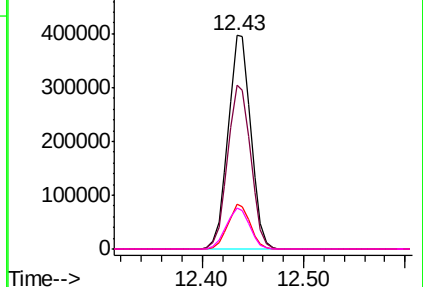


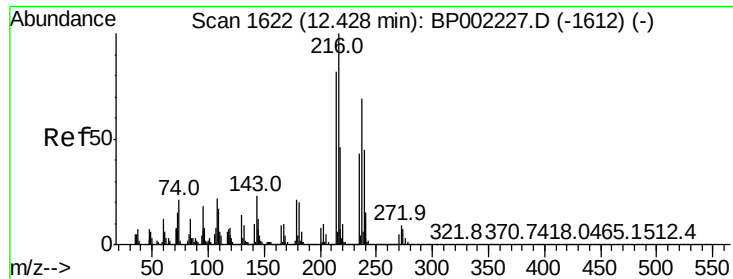
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.800 ng

RT: 12.43 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

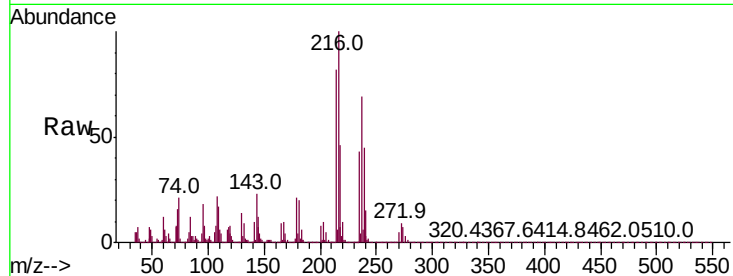
Tot Ion:237 Resp: 278460

Ion Ratio Lower Upper

237 100

235 63.0 43.0 83.0

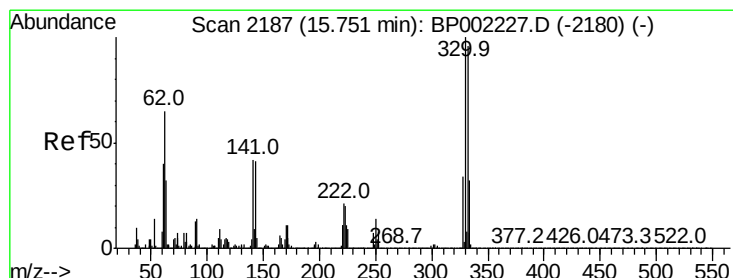
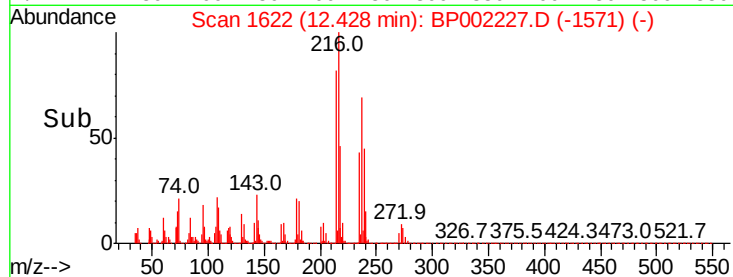
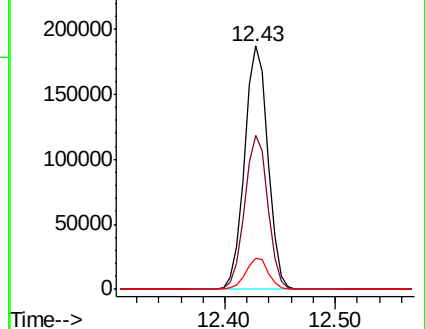
272 12.7 0.0 32.7



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: 73.179 ng

RT: 15.75 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

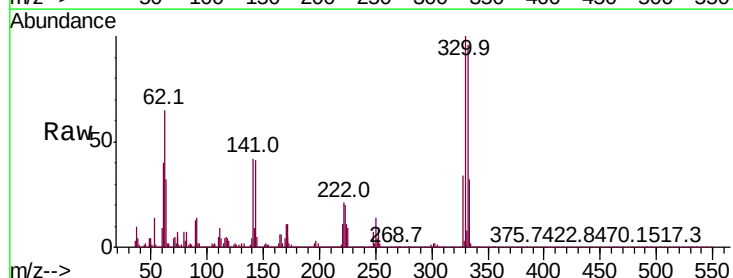
Tgt Ion:330 Resp: 446448

Ion Ratio Lower Upper

330 100

332 95.4 76.3 114.5

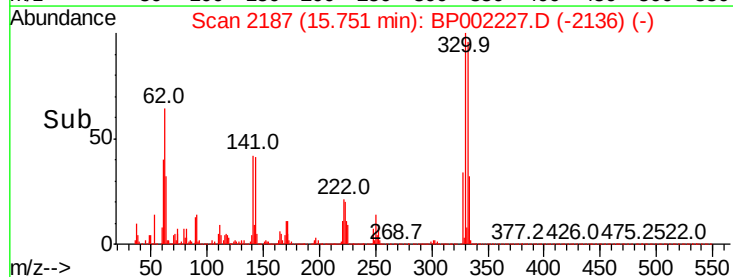
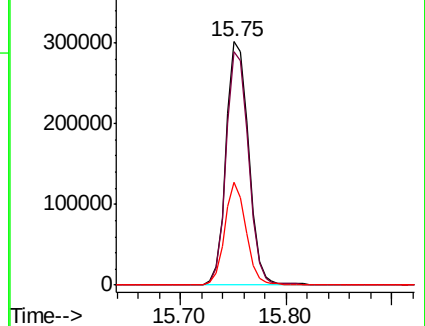
141 40.0 32.0 48.0

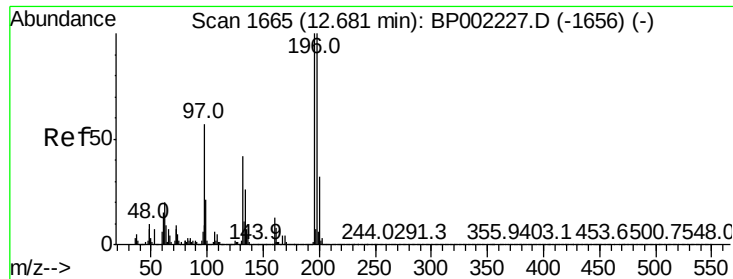


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

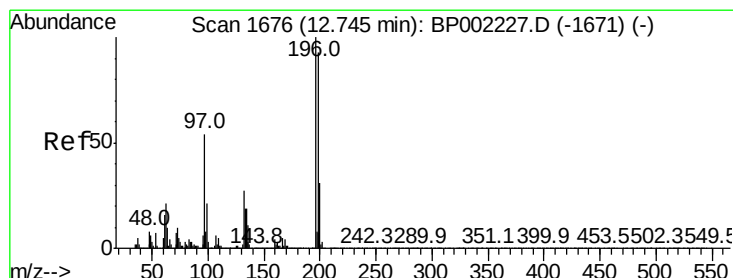
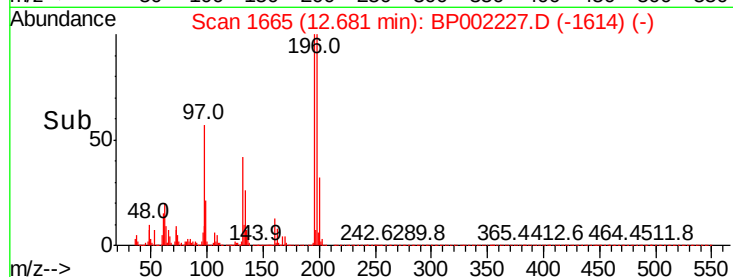
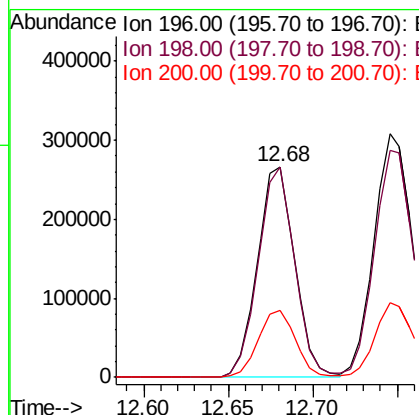
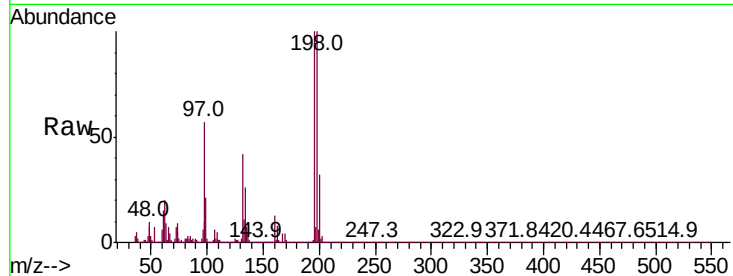




#43
 2,4,6-Trichlorophenol
 Concen: 39.893 ng
 RT: 12.68 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BP002227.D
 Acq: 04 May 2020 16:41

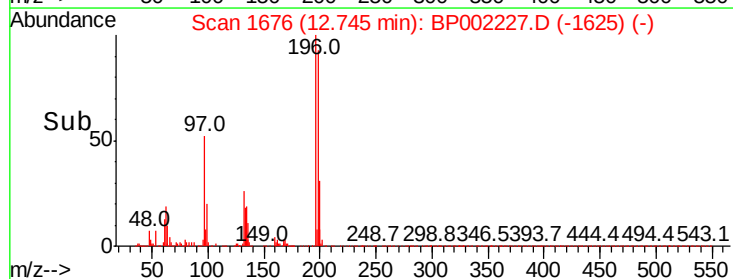
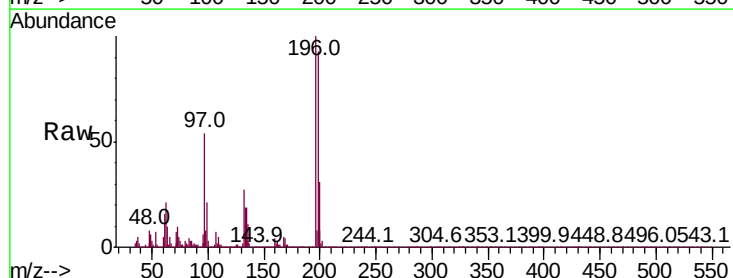
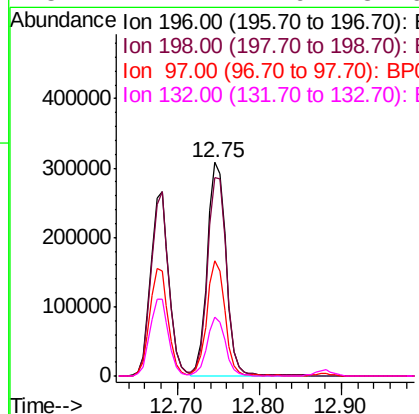
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

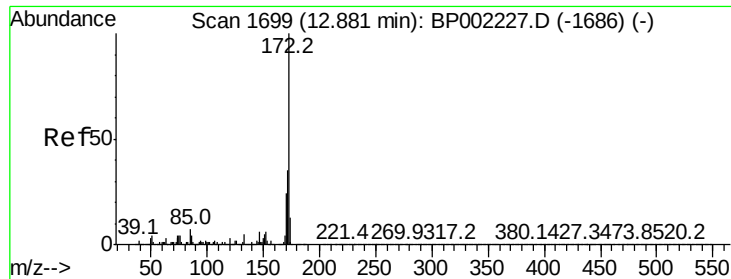
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	79.8	119.6
200	31.8	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.749 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BP002227.D
 Acq: 04 May 2020 16:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	74.5	111.7
97	54.2	43.4	65.0
132	27.4	21.9	32.9

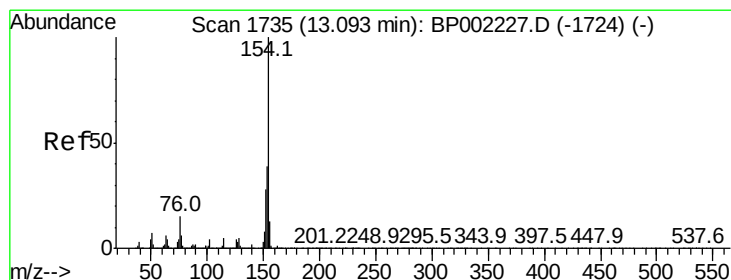
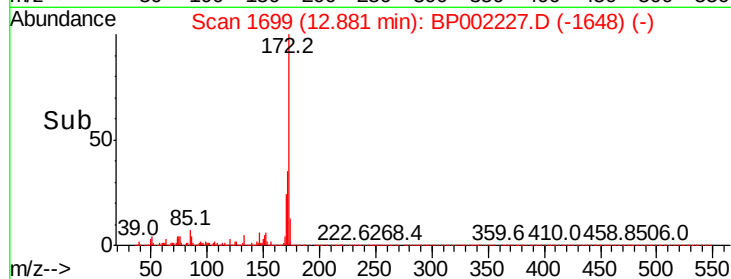
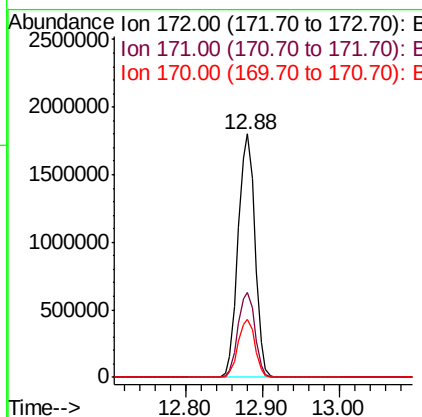
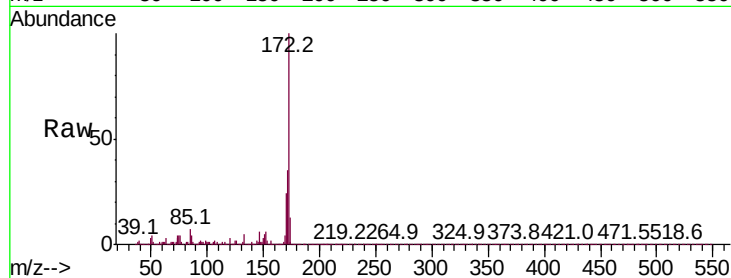




#45
2-Fluorobiphenyl
Concen: 77.638 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

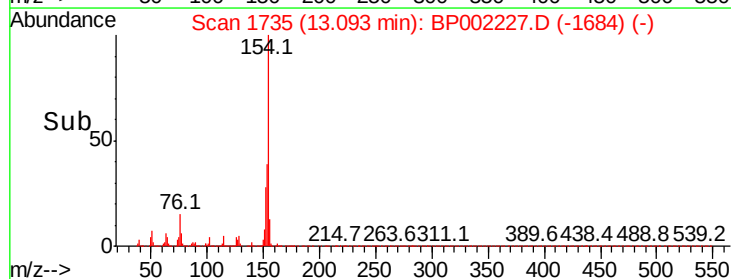
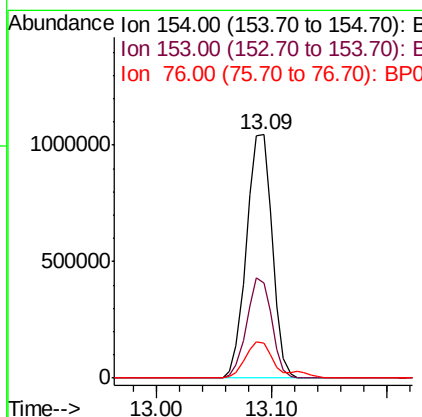
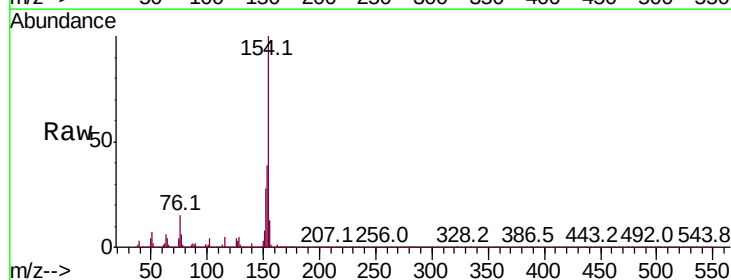
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

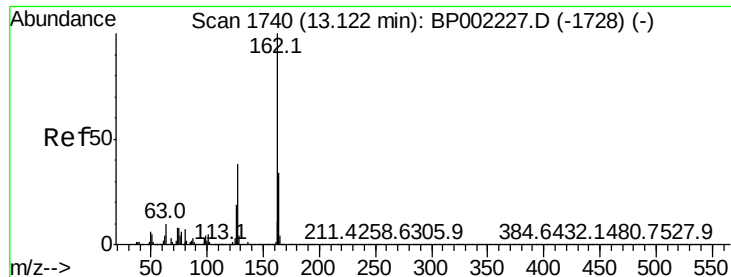
Tot Ion:172 Resp: 2766488
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 38.126 ng
RT: 13.09 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:154 Resp: 1623884
Ion Ratio Lower Upper
154 100
153 38.9 18.9 58.9
76 14.6 0.0 34.6

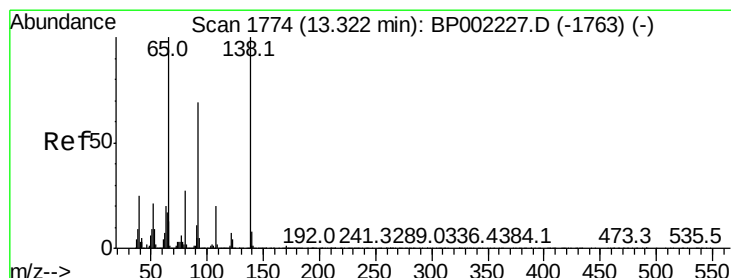
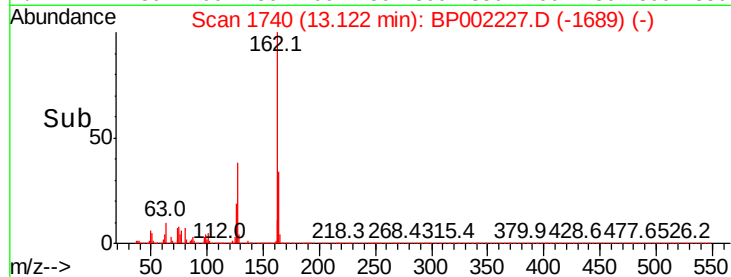
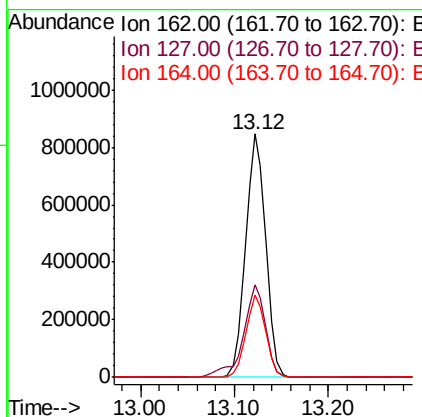
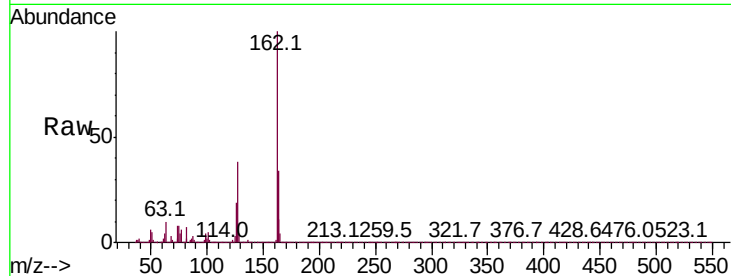




#47
2-Chloronaphthalene
Concen: 37.795 ng
RT: 13.12 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

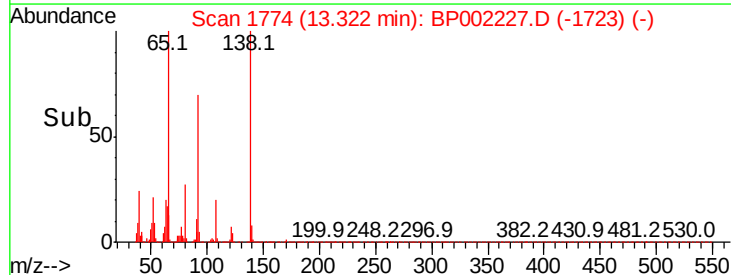
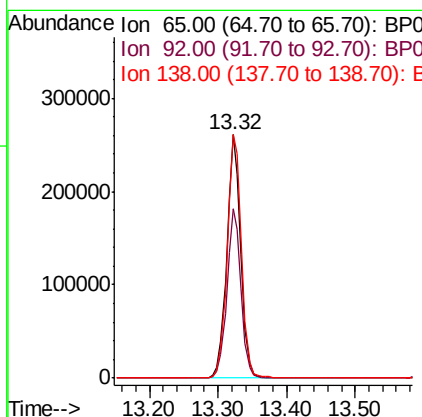
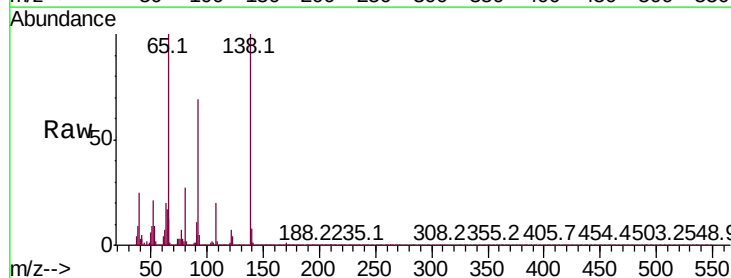
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

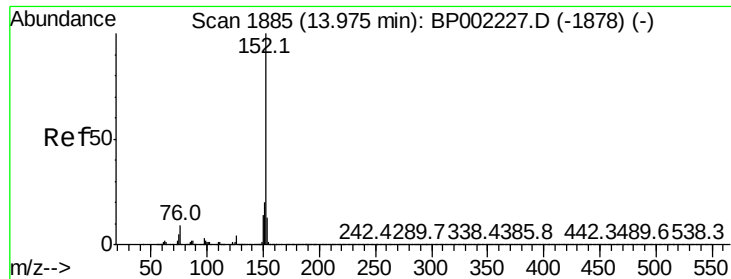
Tot Ion:162 Resp: 1246548
Ion Ratio Lower Upper
162 100
127 37.8 30.2 45.4
164 33.7 27.0 40.4



#48
2-Nitroaniline
Concen: 78.607 ng
RT: 13.32 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion: 65 Resp: 369825
Ion Ratio Lower Upper
65 100
92 69.5 55.6 83.4
138 99.9 79.9 119.9





#49

Acenaphthylene

Concen: 38.320 ng

RT: 13.97 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

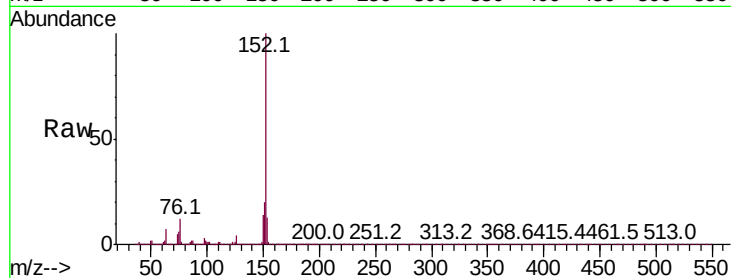
BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 2045448

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.4	10.7	16.1

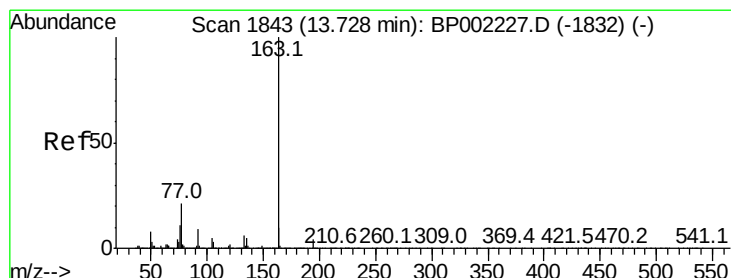
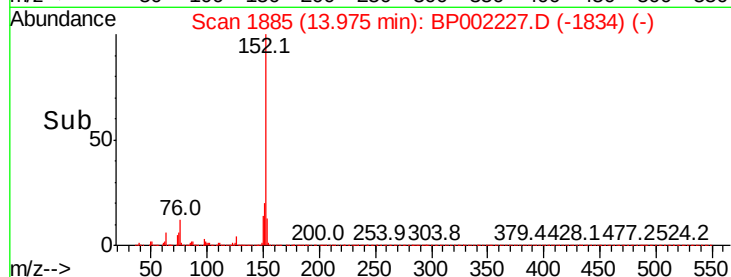
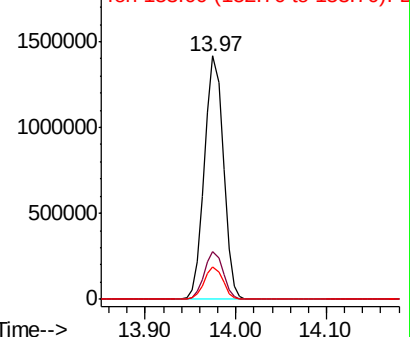


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.777 ng

RT: 13.73 min Scan# 1843

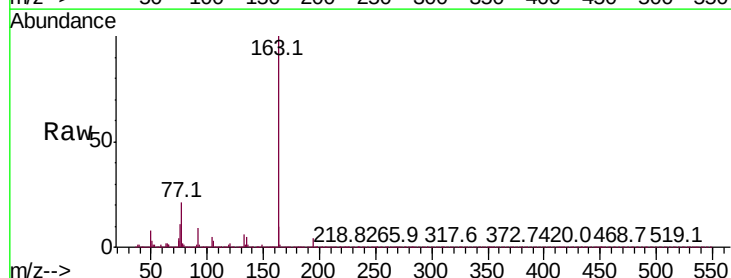
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion:163 Resp: 1631309

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	7.8	11.8

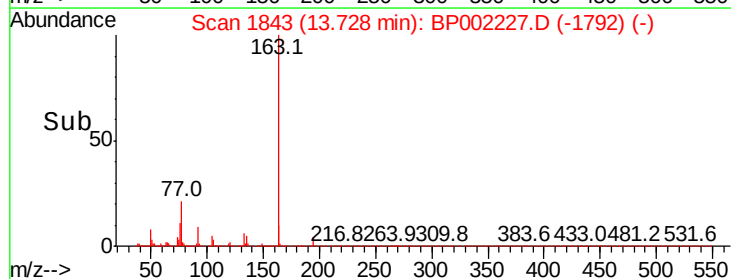
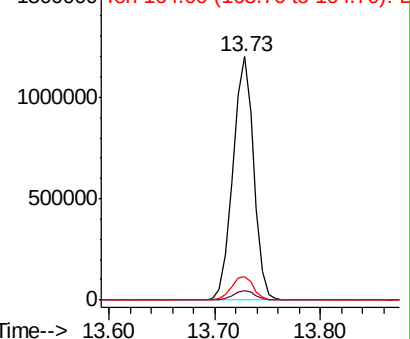


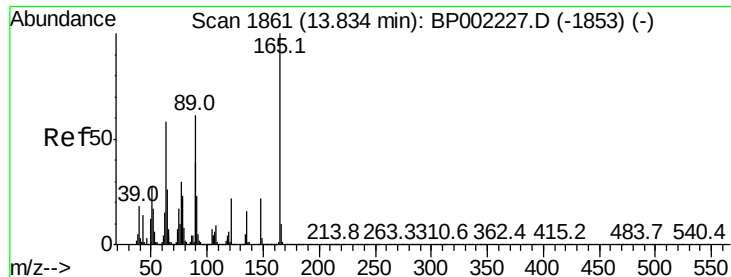
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

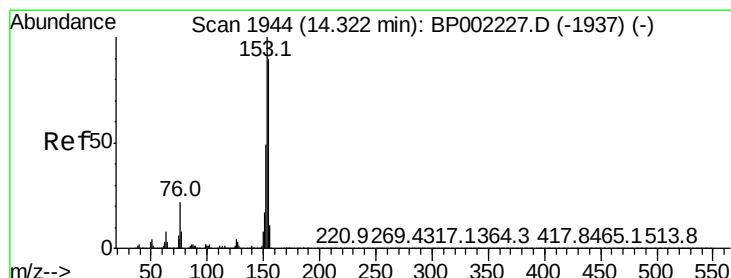
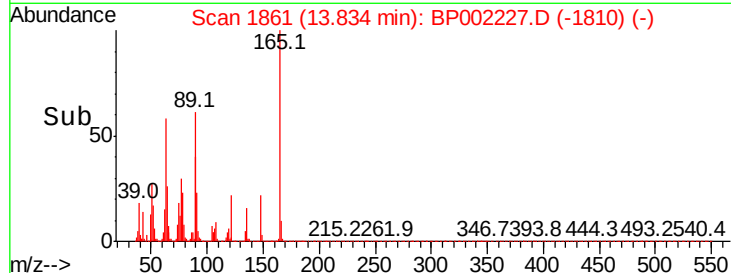
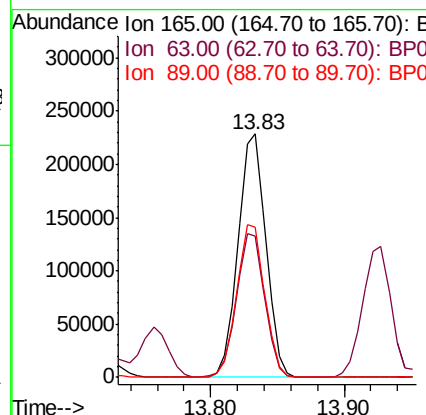
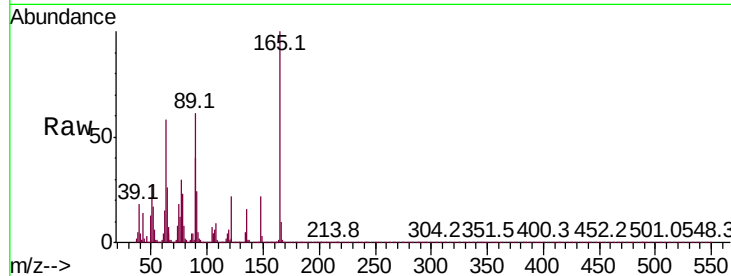




#51
2,6-Dinitrotoluene
Concen: 44.614 ng
RT: 13.83 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

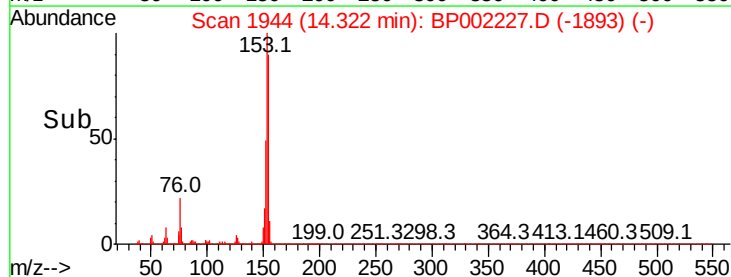
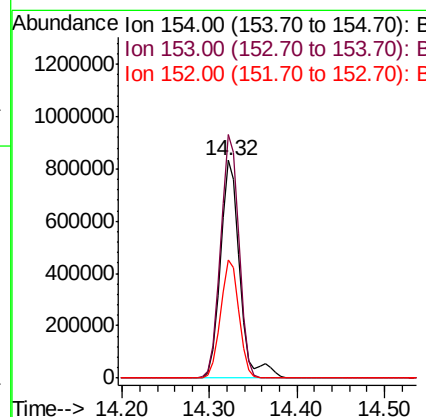
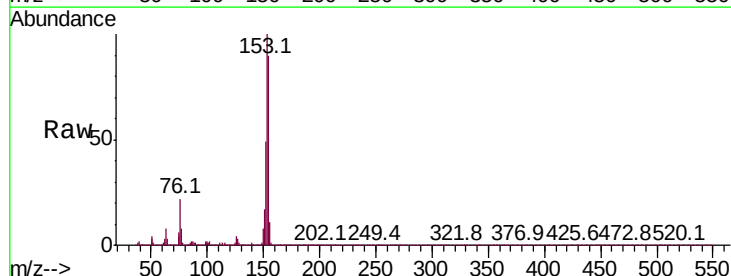
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

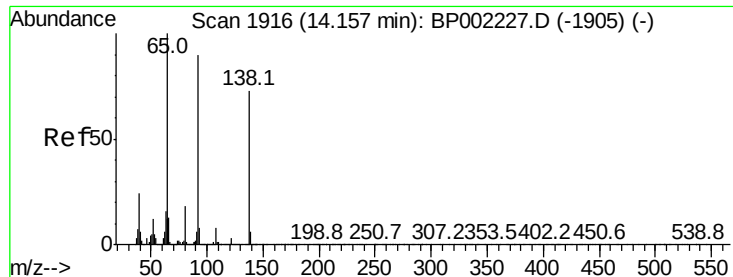
Tot Ion:165 Resp: 331197
Ion Ratio Lower Upper
165 100
63 58.0 46.4 69.6
89 61.4 49.1 73.7



#52
Acenaphthene
Concen: 38.567 ng
RT: 14.32 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:154 Resp: 1278583
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 54.3 43.4 65.2

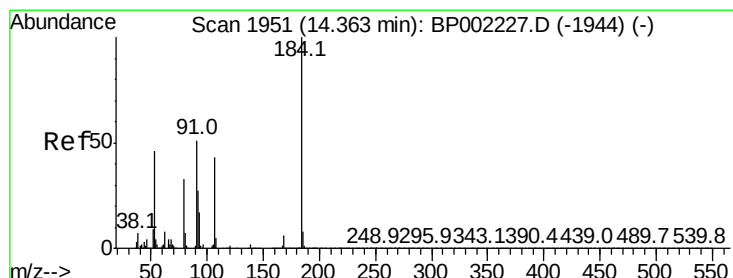
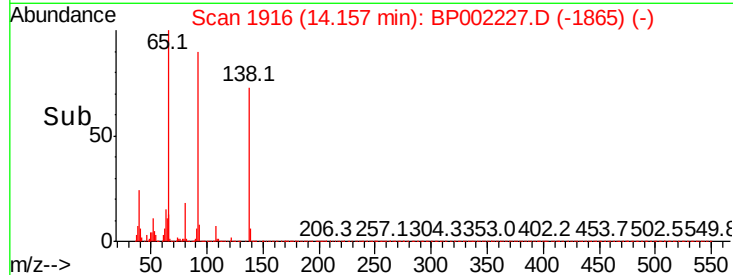
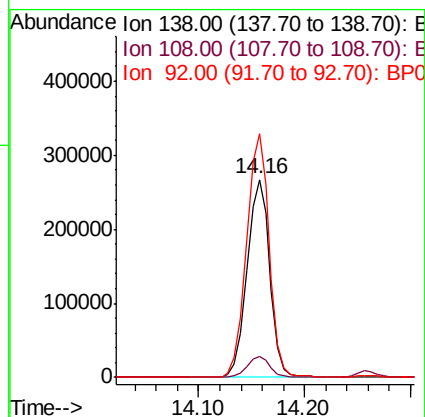
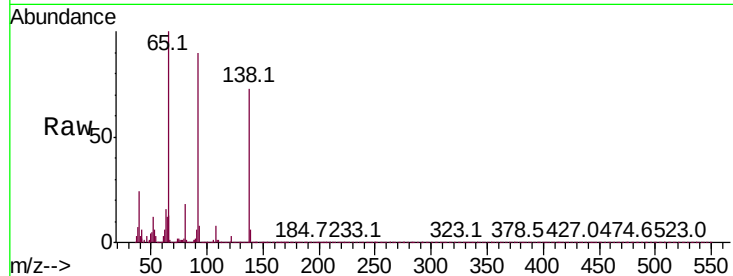




#53
3-Nitroaniline
Concen: 47.639 ng
RT: 14.16 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

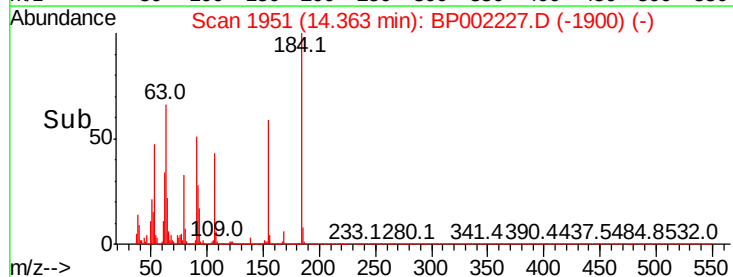
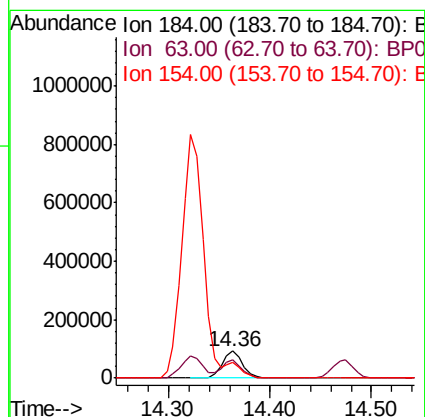
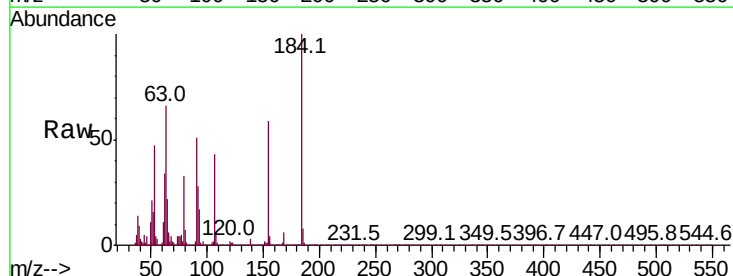
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

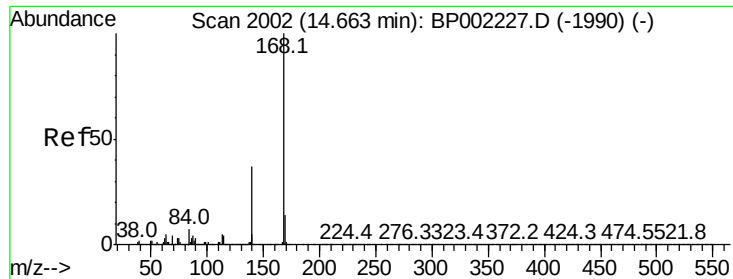
Tot Ion:138 Resp: 398946
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 123.1 98.5 147.7



#54
2,4-Dinitrophenol
Concen: 36.995 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:184 Resp: 130083
Ion Ratio Lower Upper
184 100
63 66.3 53.0 79.6
154 59.3 47.4 71.2





#55

Dibenzofuran

Concen: 39.011 ng

RT: 14.66 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

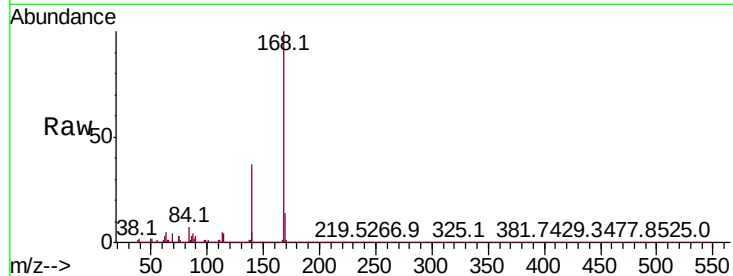
Tot Ion:168 Resp: 1936065

Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.3	43.9
169	13.8	11.0	16.6

168 100

139 36.6 29.3 43.9

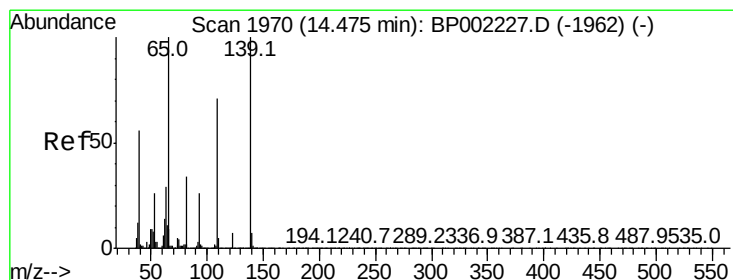
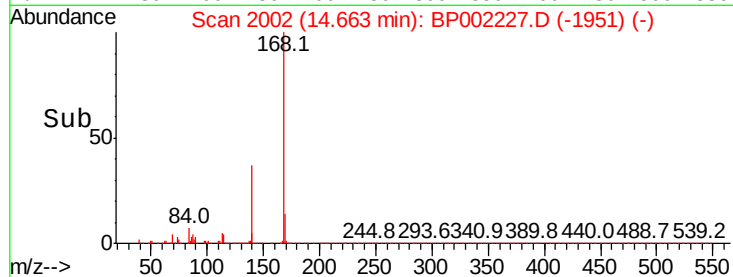
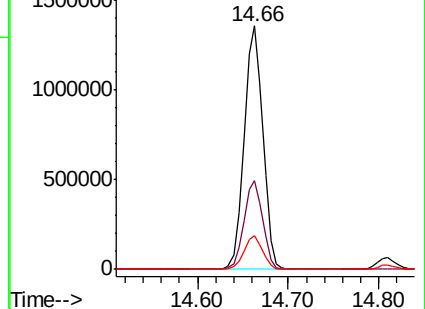
169 13.8 11.0 16.6



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: 43.006 ng

RT: 14.47 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

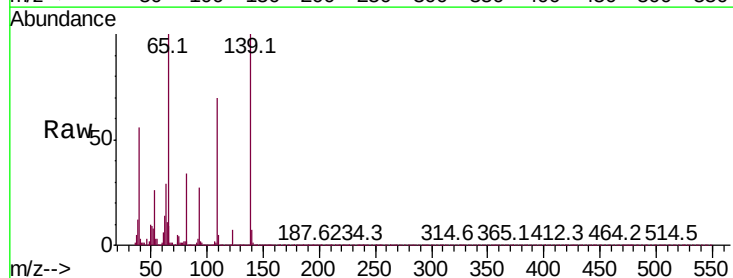
Tgt Ion:139 Resp: 316164

Ion	Ratio	Lower	Upper
139	100		
109	70.6	50.6	90.6
65	100.2	80.2	120.2

139 100

109 70.6 50.6 90.6

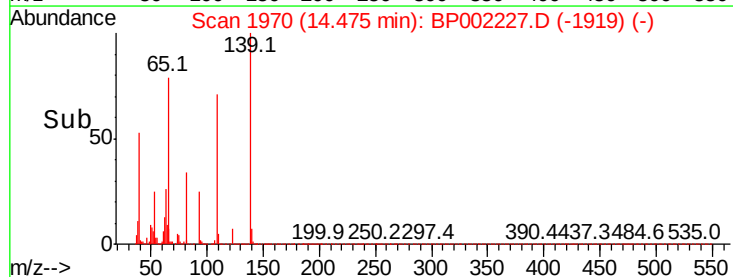
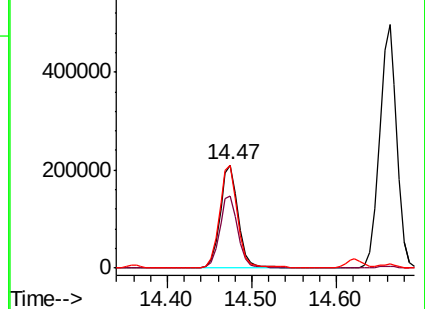
65 100.2 80.2 120.2

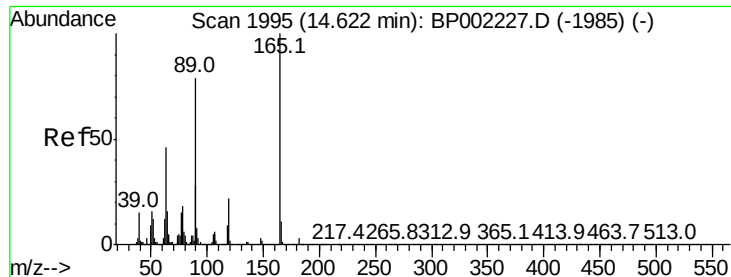


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





#57

2,4-Dinitrotoluene

Concen: 44.950 ng

RT: 14.62 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion:165 Resp: 444304

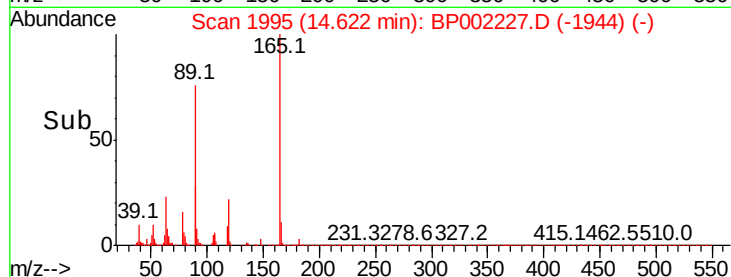
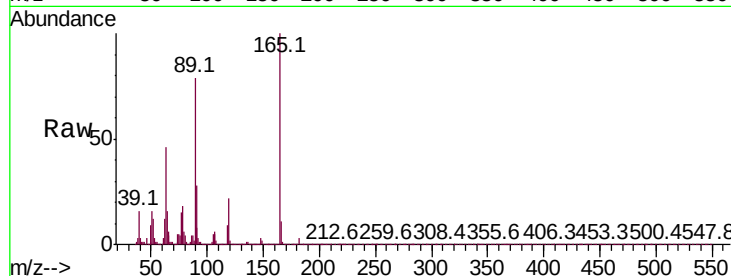
Ion Ratio Lower Upper

165 100

63 46.0 36.8 55.2

89 79.0 63.2 94.8

182 2.6 2.1 3.1

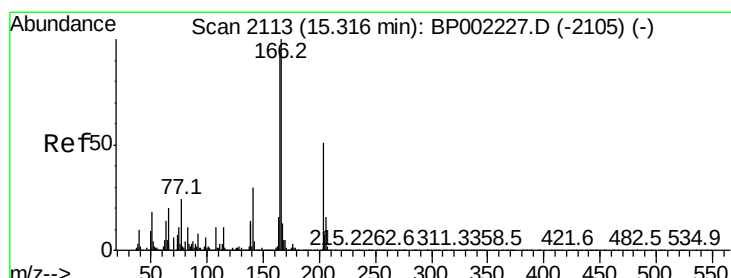
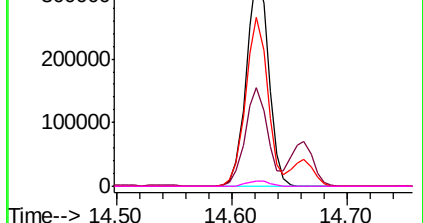


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.573 ng

RT: 15.32 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

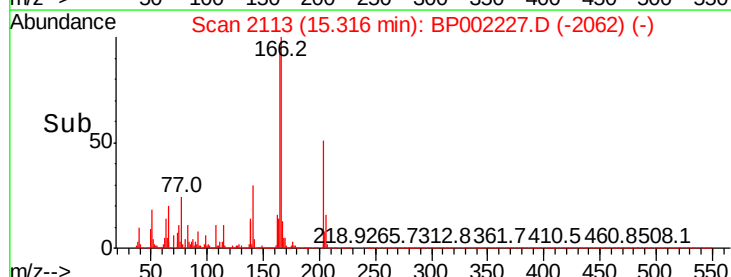
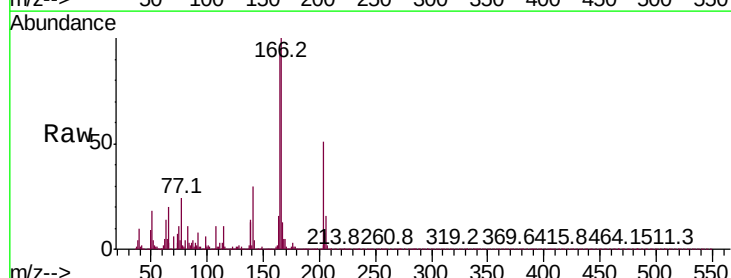
Tgt Ion:166 Resp: 1455138

Ion Ratio Lower Upper

166 100

165 94.6 75.7 113.5

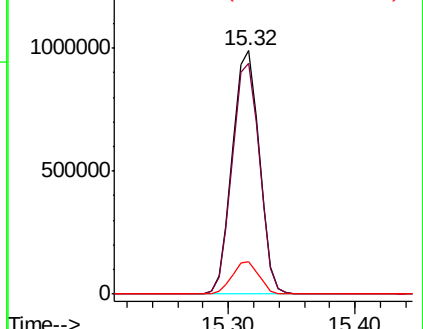
167 13.2 10.6 15.8

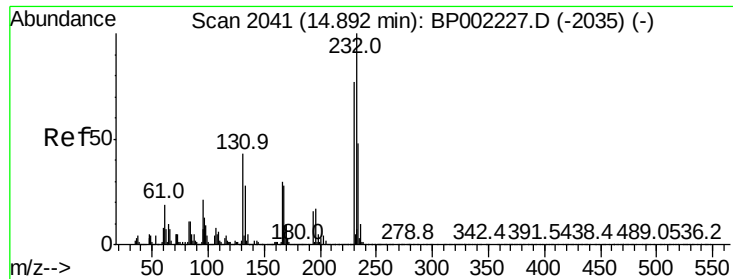


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.226 ng

RT: 14.89 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion:232 Resp: 398005

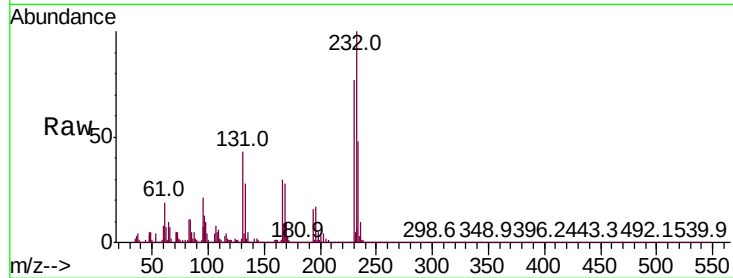
Ion Ratio Lower Upper

232 100

131 44.6 35.7 53.5

130 2.2 1.8 2.6

166 30.6 24.5 36.7

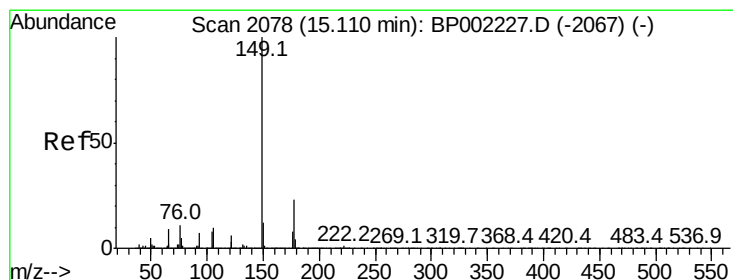
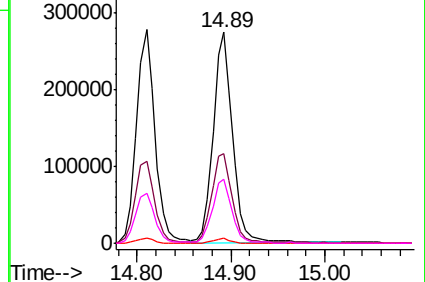
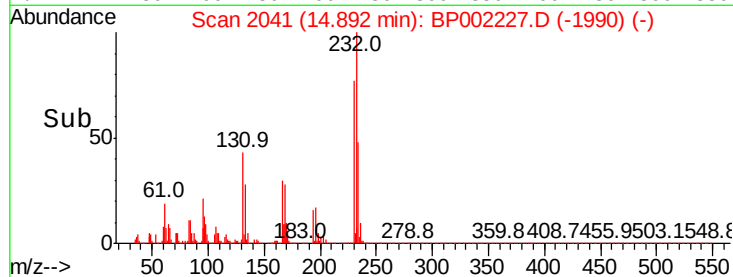


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.464 ng

RT: 15.11 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

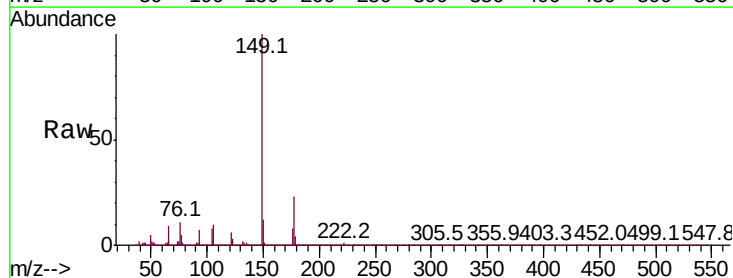
Tgt Ion:149 Resp: 1647919

Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.2

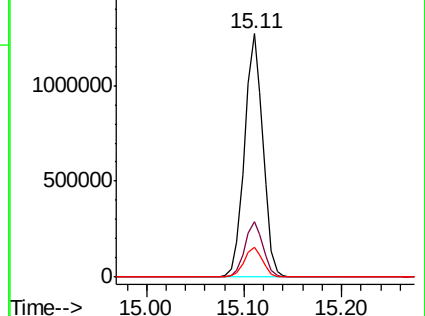
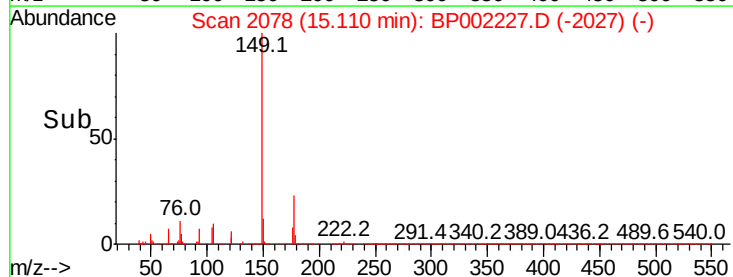
150 12.3 9.8 14.8

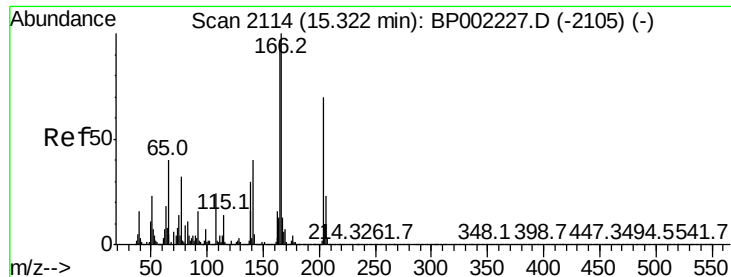


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

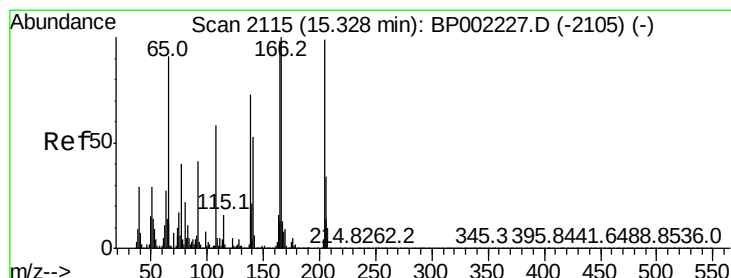
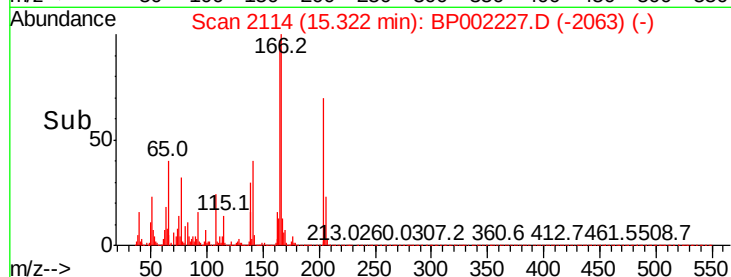
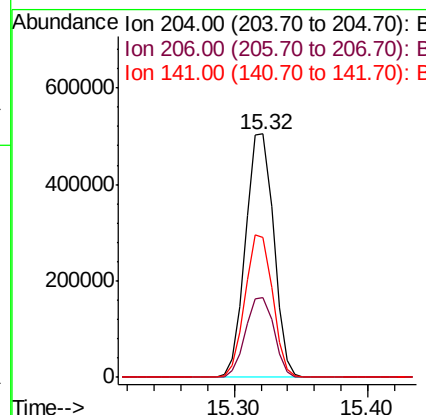
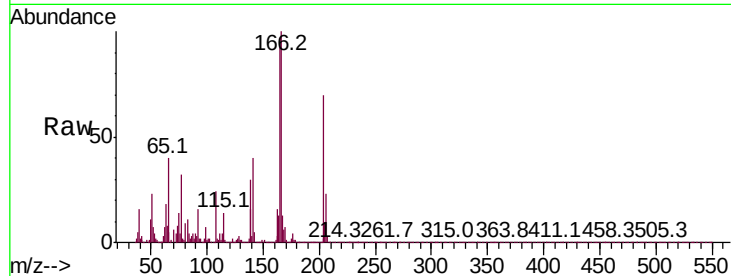




#61
4-Chlorophenyl-phenylether
Concen: 40.614 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

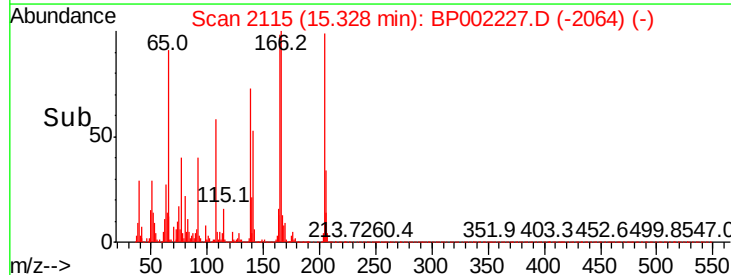
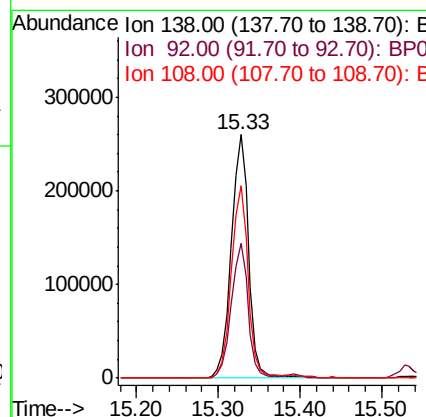
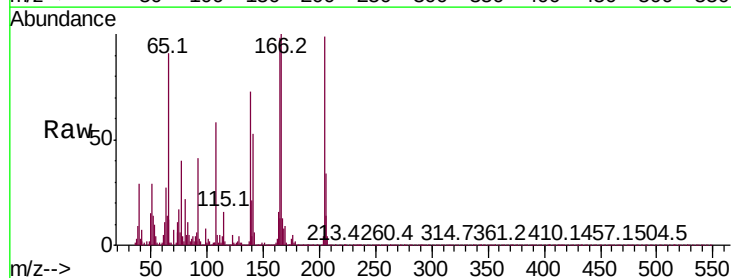
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

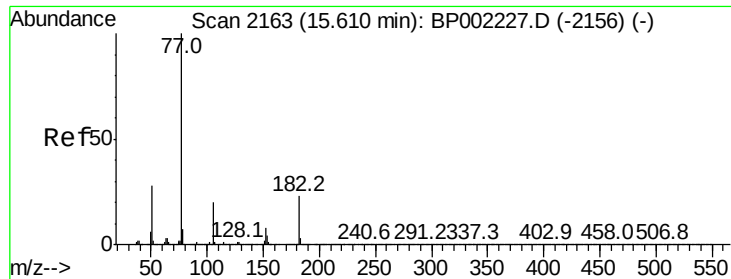
Tot Ion:204 Resp: 732192
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 57.7 46.2 69.2



#62
4-Nitroaniline
Concen: 51.719 ng
RT: 15.33 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:138 Resp: 386046
Ion Ratio Lower Upper
138 100
92 55.3 35.3 75.3
108 79.2 59.2 99.2

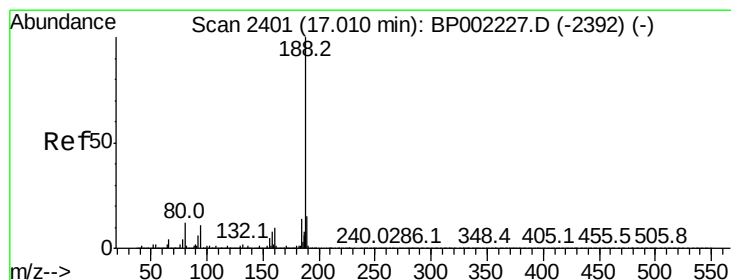
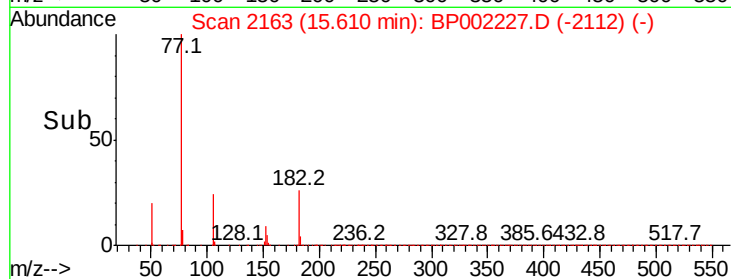
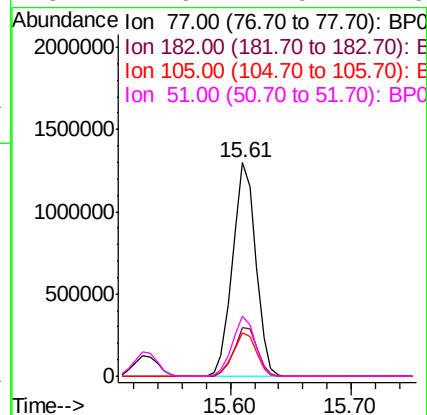
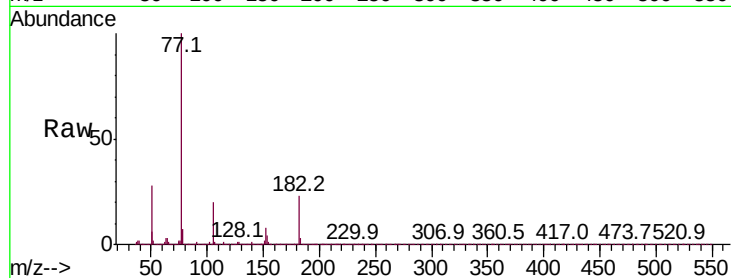




#63
Azobenzene
Concen: 47.506 ng
RT: 15.61 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

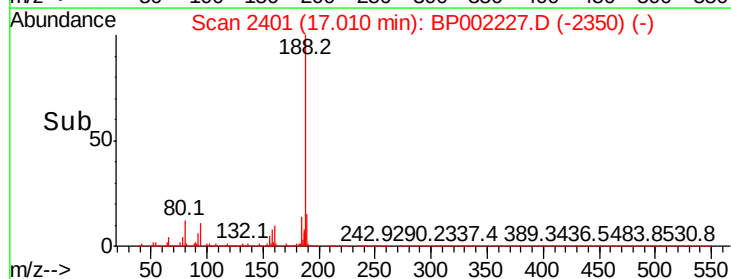
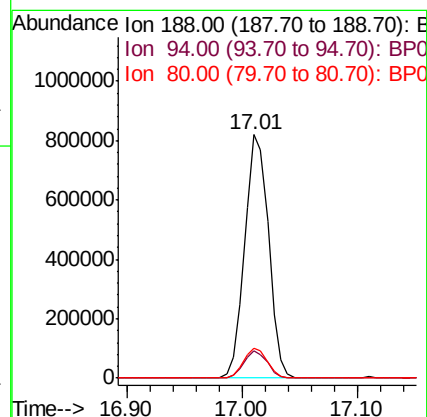
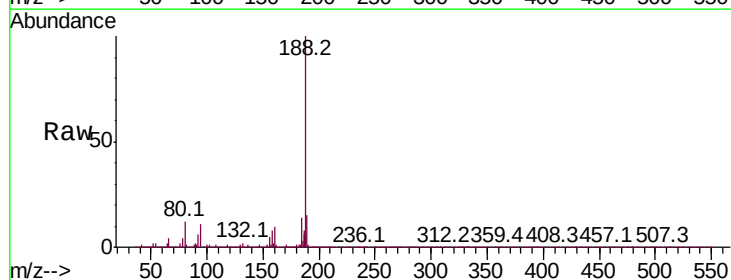
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

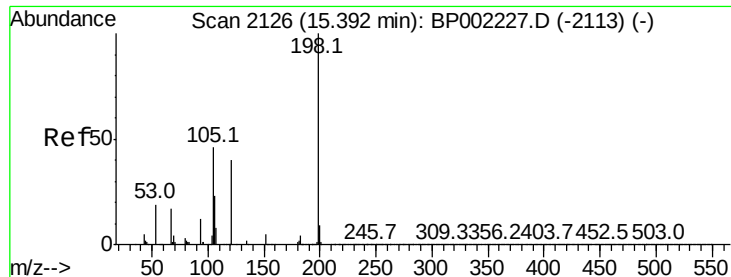
Tot Ion: 77 Resp: 1730967
Ion Ratio Lower Upper
77 100
182 22.7 2.7 42.7
105 20.5 0.5 40.5
51 27.9 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion: 188 Resp: 1172479
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.4
80 12.2 9.8 14.6

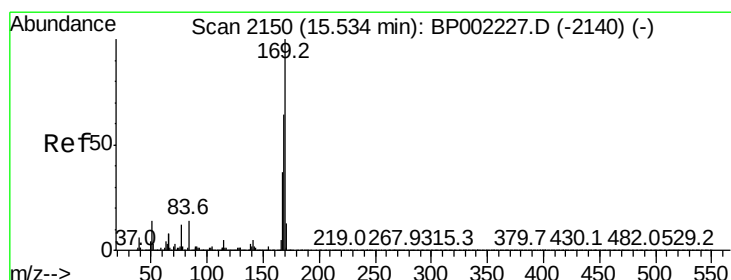
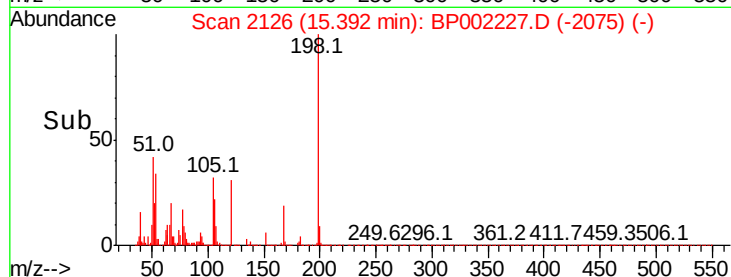
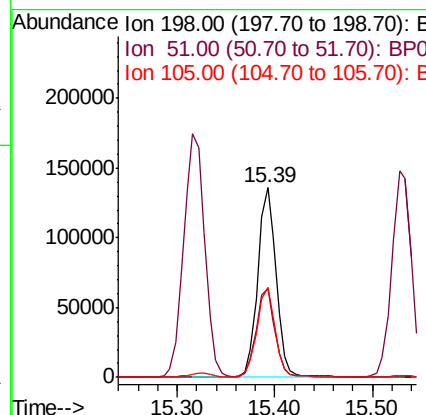
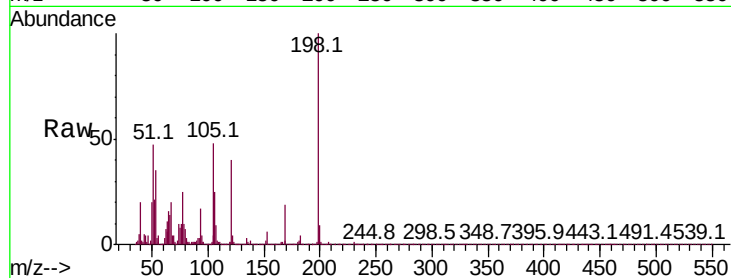




#65
4,6-Dinitro-2-methylphenol
Concen: 36.442 ng
RT: 15.39 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

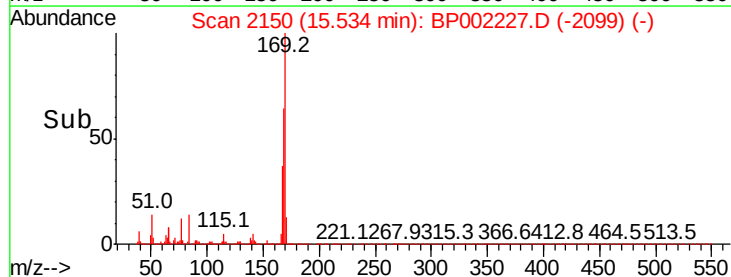
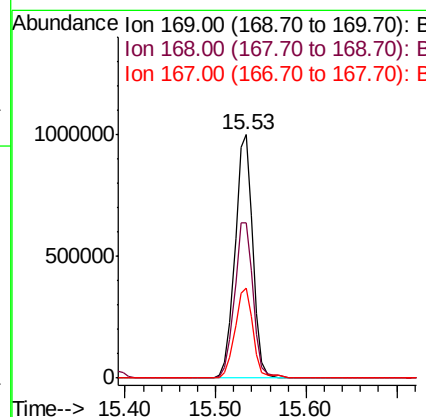
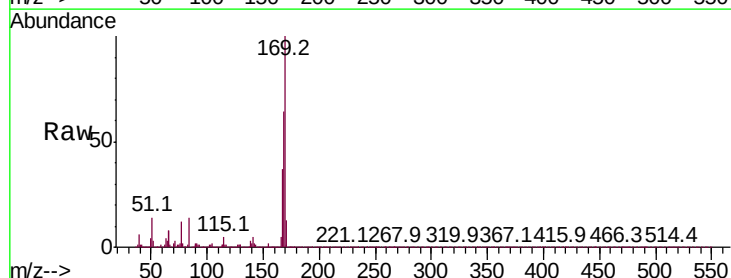
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

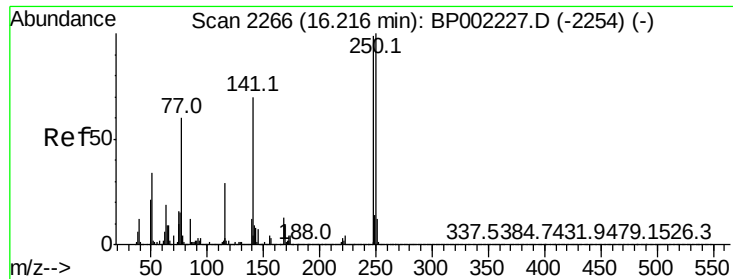
Tot Ion:198 Resp: 178502
Ion Ratio Lower Upper
198 100
51 46.7 26.7 66.7
105 47.5 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 38.852 ng
RT: 15.53 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:169 Resp: 1361242
Ion Ratio Lower Upper
169 100
168 64.0 51.2 76.8
167 37.0 29.6 44.4

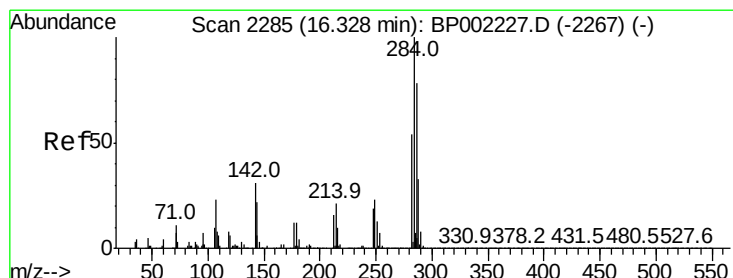
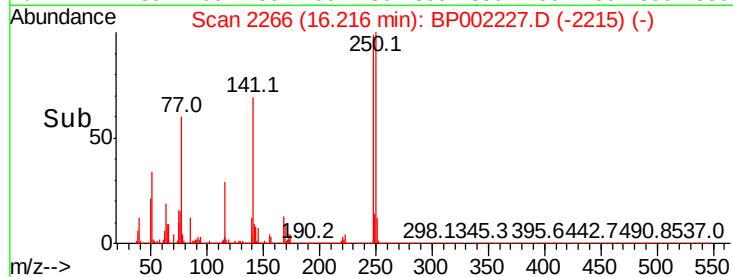
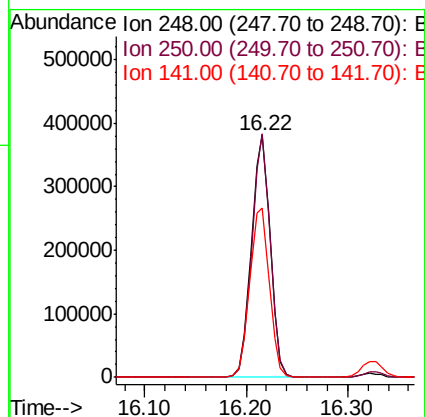
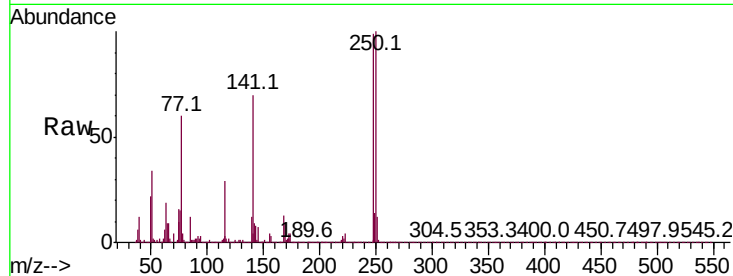




#67
4-Bromophenyl-phenylether
Concen: 37.423 ng
RT: 16.22 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

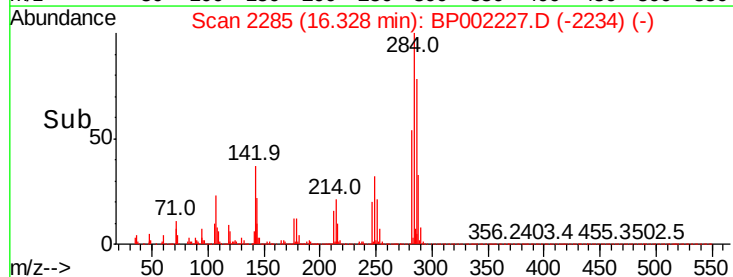
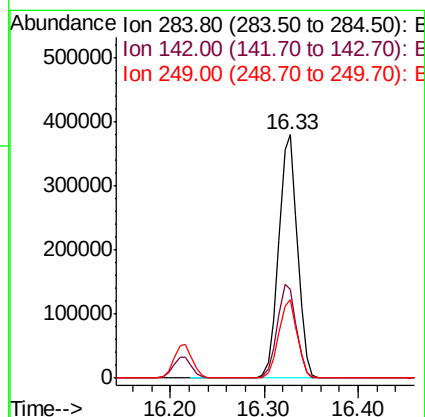
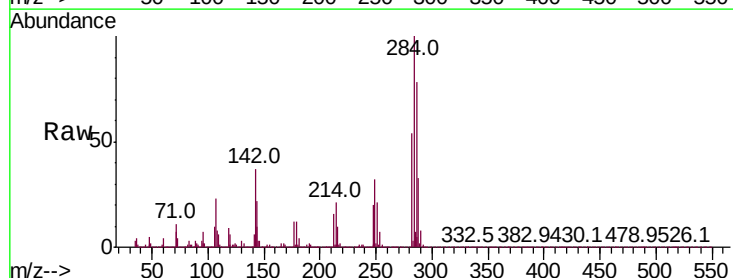
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

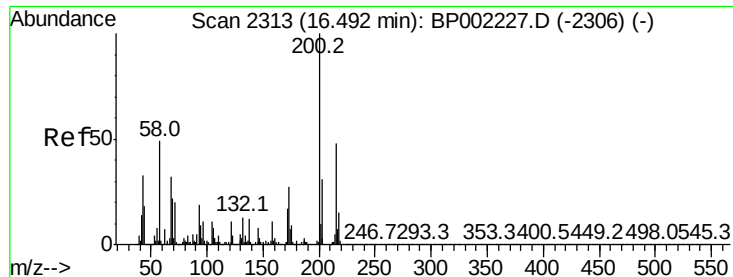
Tot Ion:248 Resp: 489371
Ion Ratio Lower Upper
248 100
250 100.7 80.6 120.8
141 70.0 56.0 84.0



#68
Hexachlorobenzene
Concen: 35.903 ng
RT: 16.33 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:284 Resp: 520483
Ion Ratio Lower Upper
284 100
142 36.6 29.3 43.9
249 32.1 25.7 38.5





#69

Atrazine

Concen: 48.073 ng

RT: 16.49 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

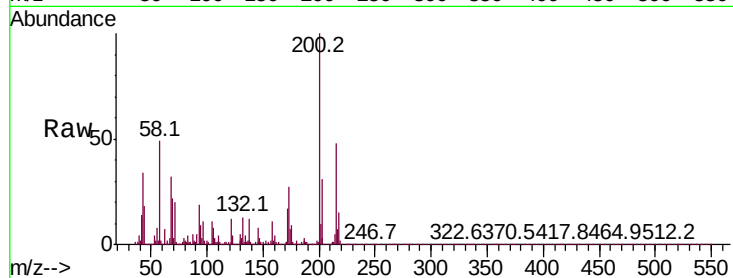
Tot Ion:200 Resp: 410017

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

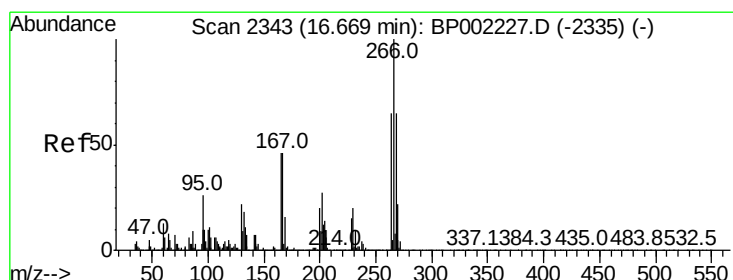
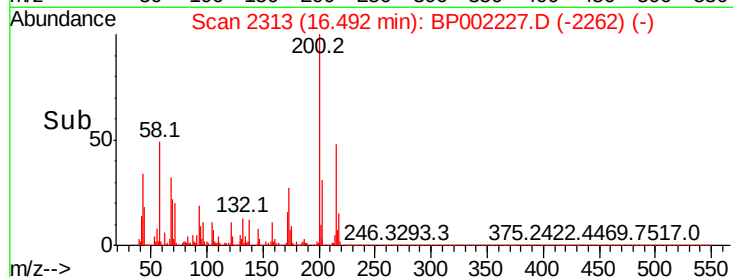
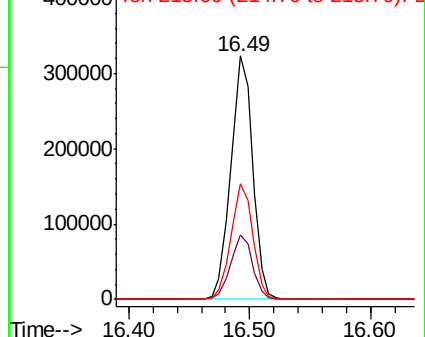
215 47.7 27.7 67.7



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: 35.083 ng

RT: 16.67 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

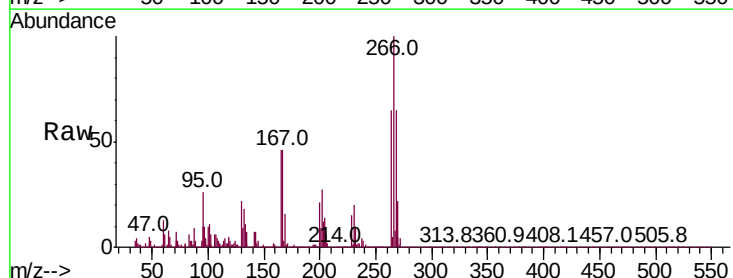
Tgt Ion:266 Resp: 311759

Ion Ratio Lower Upper

266 100

268 64.6 51.7 77.5

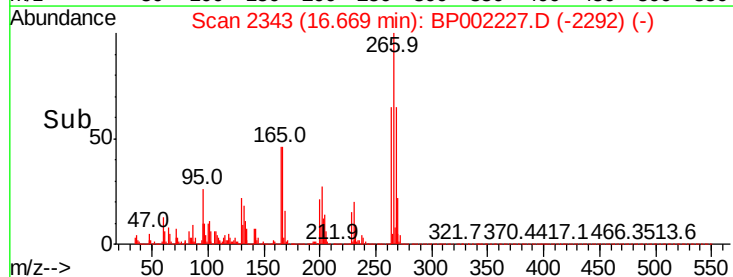
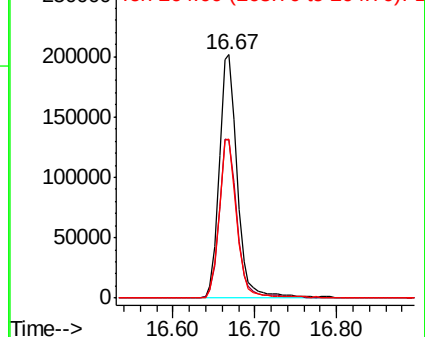
264 65.5 52.4 78.6

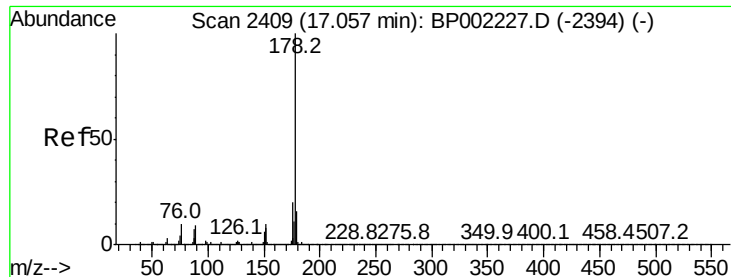


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.197 ng

RT: 17.06 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

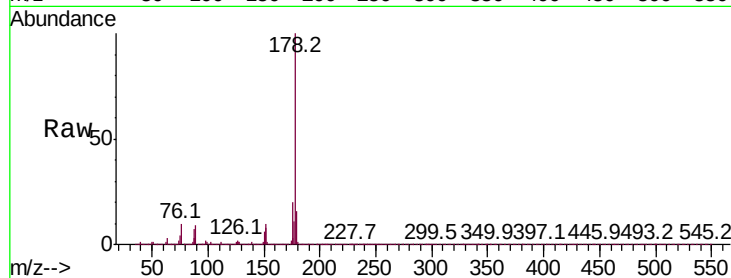
Tot Ion:178 Resp: 2550252

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

2000000 Ion 179.00 (178.70 to 179.70): E

1500000

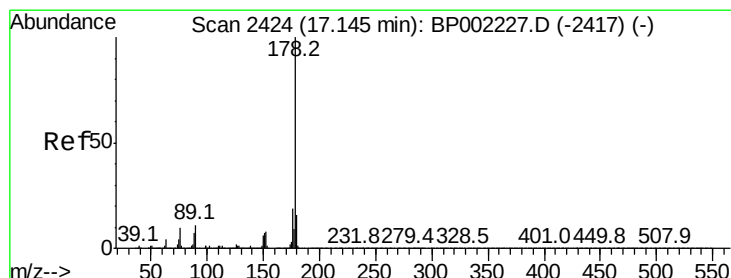
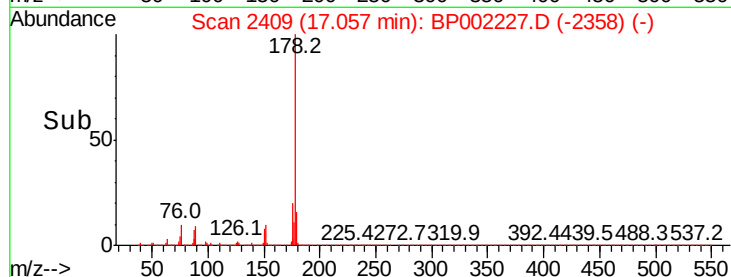
1000000

500000

0

17.00 17.10

Time-->



#72

Anthracene

Concen: 37.891 ng

RT: 17.15 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

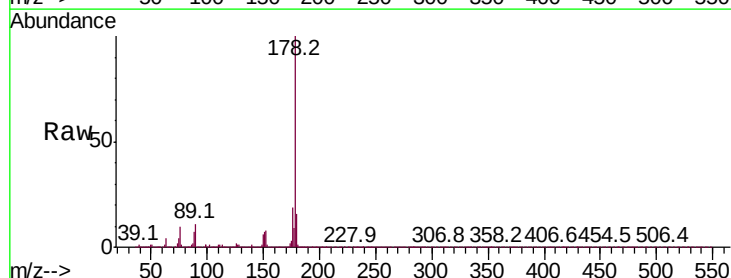
Tgt Ion:178 Resp: 2515312

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

2000000 Ion 179.00 (178.70 to 179.70): E

1500000

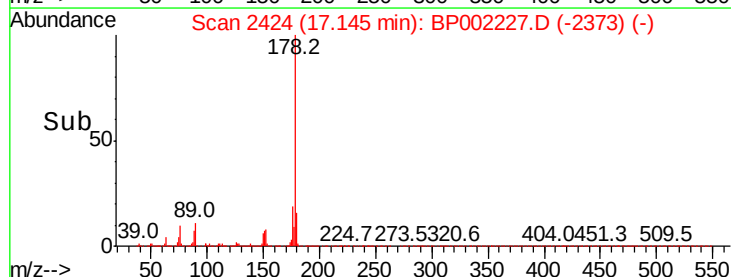
1000000

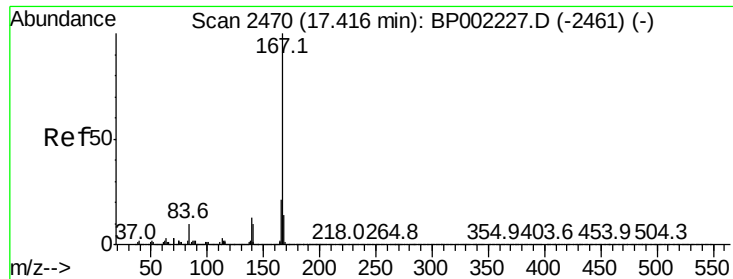
500000

0

17.10 17.20

Time-->



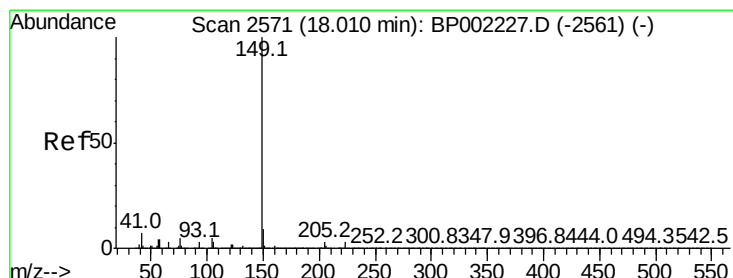
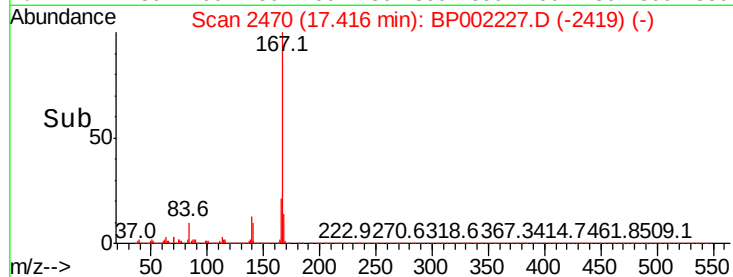
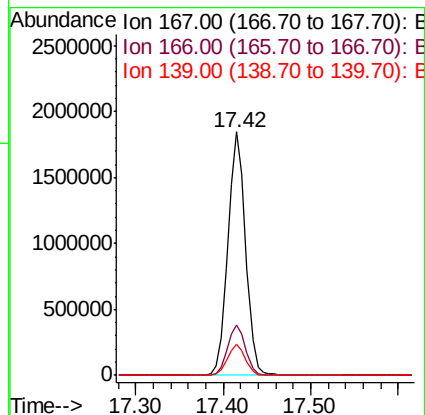
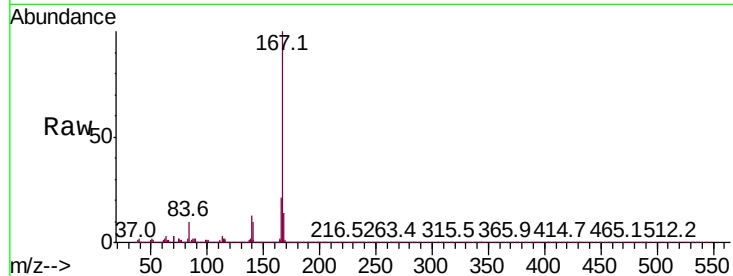


#73
 Carbazole
 Concen: 39.677 ng
 RT: 17.42 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BP002227.D
 Acq: 04 May 2020 16:41

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 2552215

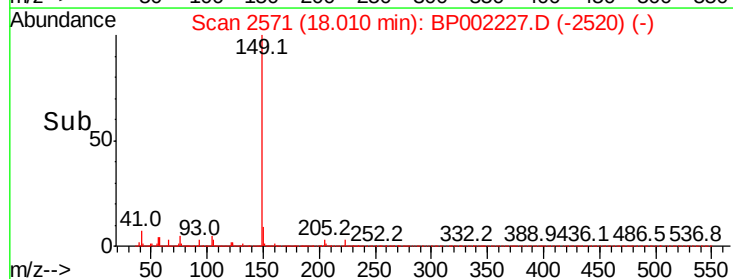
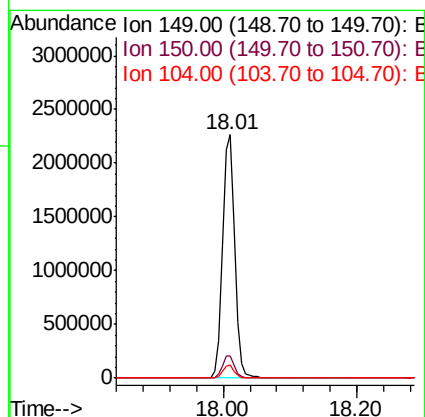
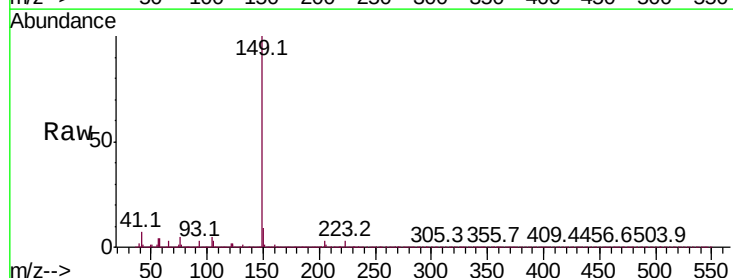
Ion	Ratio	Lower	Upper
167	100		
166	20.6	16.5	24.7
139	12.6	10.1	15.1

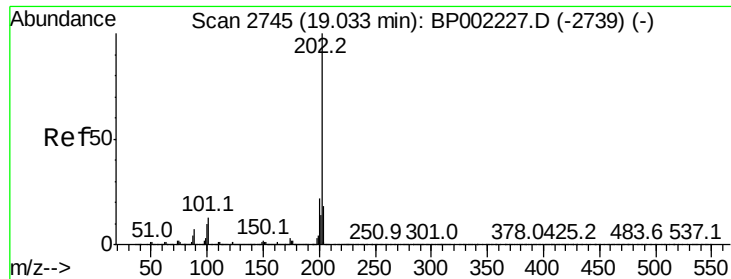


#74
 Di-n-butylphthalate
 Concen: 78.337 ng
 RT: 18.01 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BP002227.D
 Acq: 04 May 2020 16:41

Tgt Ion:149 Resp: 2910849

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 40.427 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

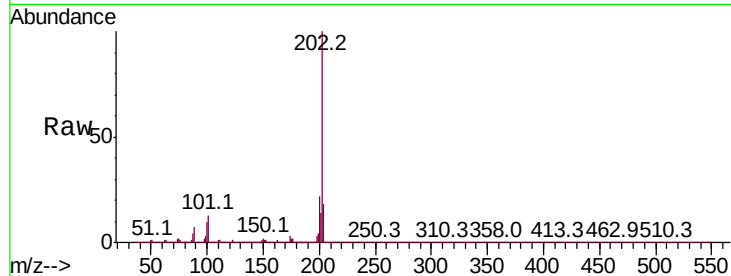
BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 3052586

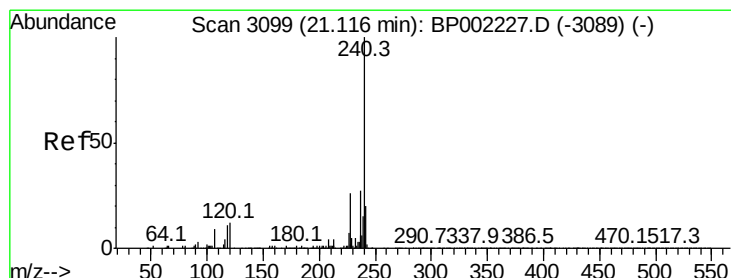
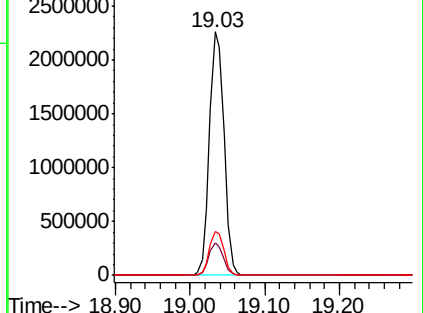
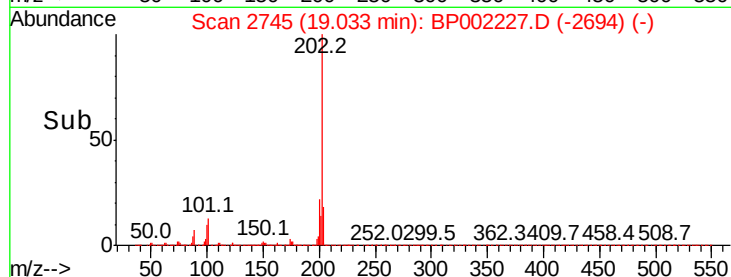
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.3
203	18.2	0.0	38.2



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: 21.12 min Scan# 3099

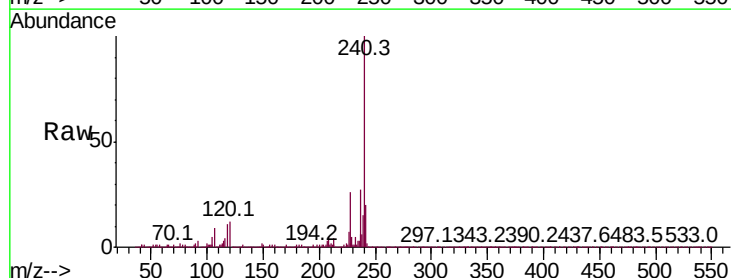
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion:240 Resp: 1191827

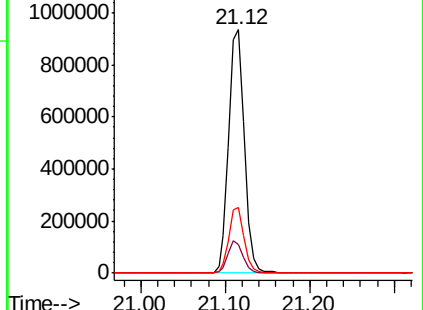
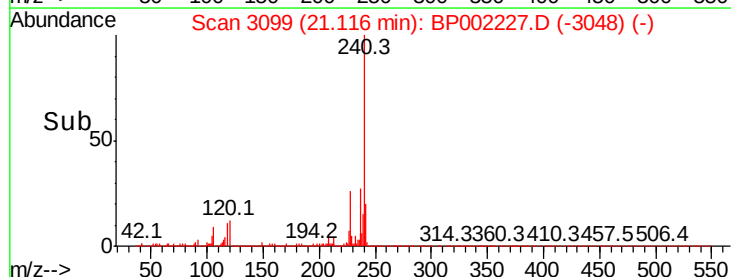
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.0
236	27.2	21.8	32.6

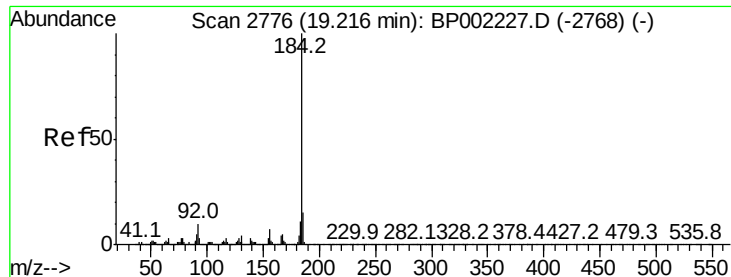


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 102.192 ng

RT: 19.22 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

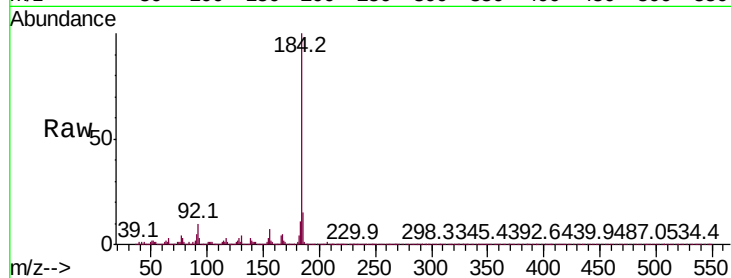
BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 1110616

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.9	17.9
183	11.4	9.1	13.7

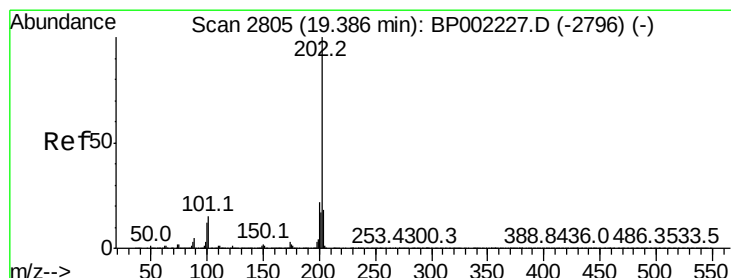
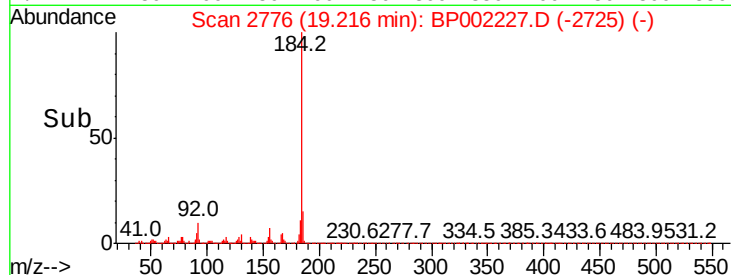
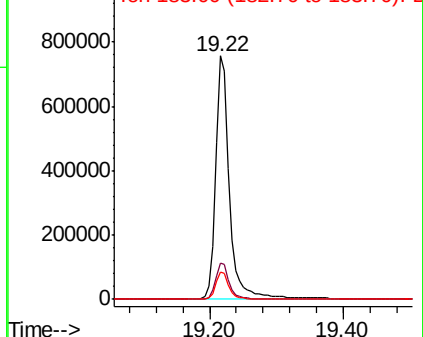


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.404 ng

RT: 19.39 min Scan# 2805

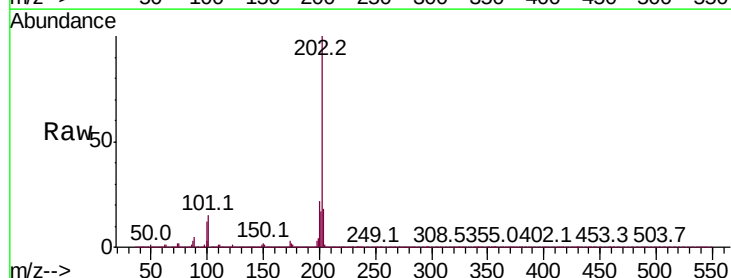
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion:202 Resp: 3269557

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	17.7	14.2	21.2

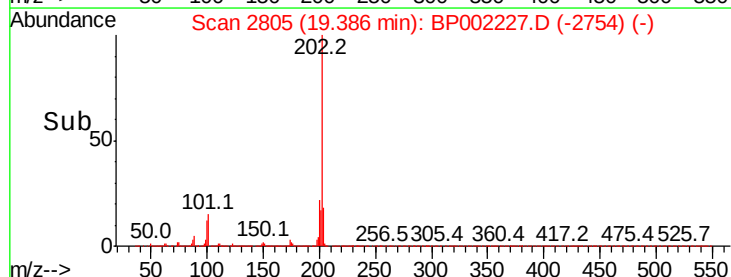
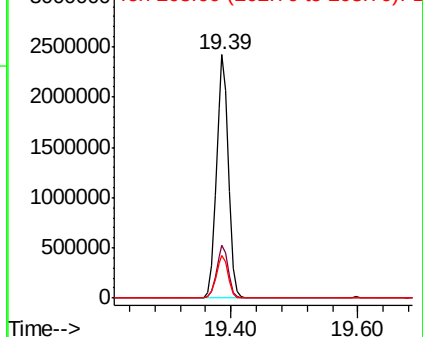


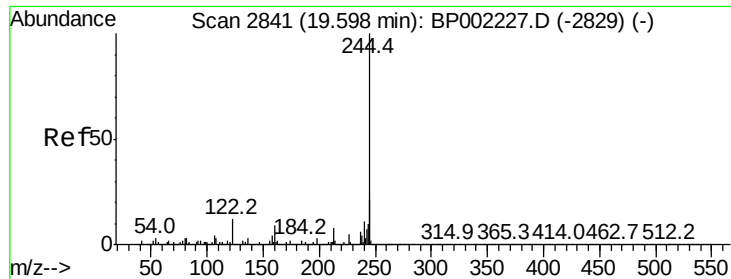
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.293 ng

RT: 19.60 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

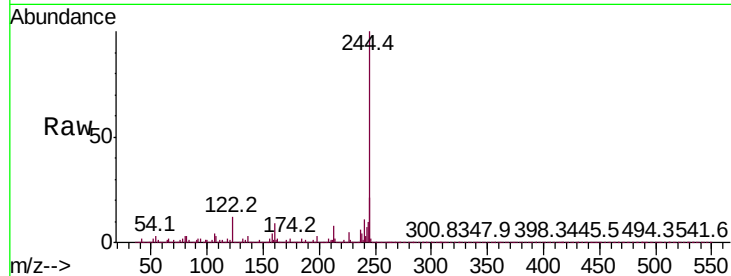
Tot Ion:244 Resp: 4053684

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

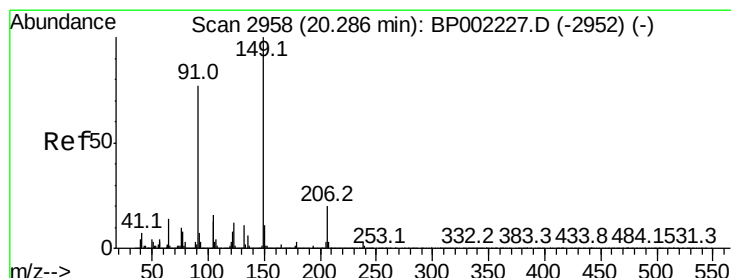
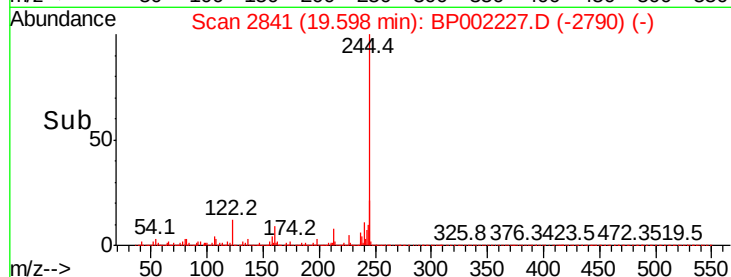
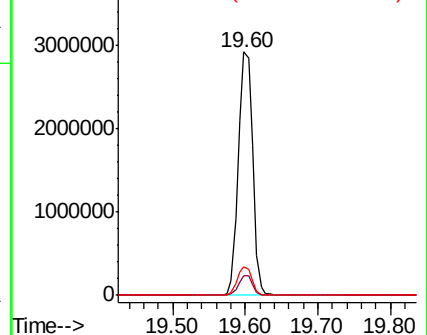
122 11.9 9.5 14.3



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: 104.874 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

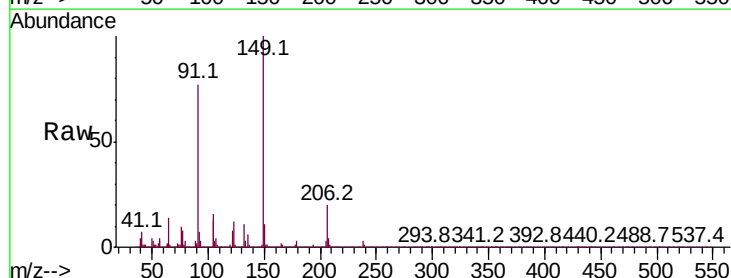
Tgt Ion:149 Resp: 997870

Ion Ratio Lower Upper

149 100

91 77.3 61.8 92.8

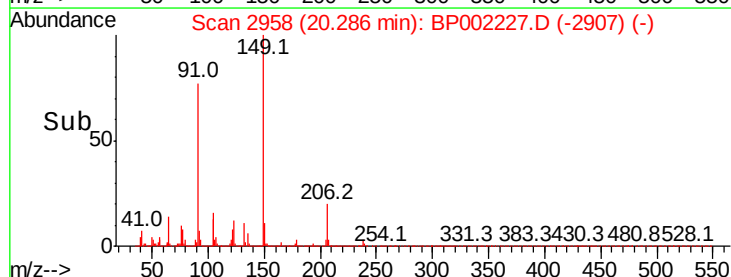
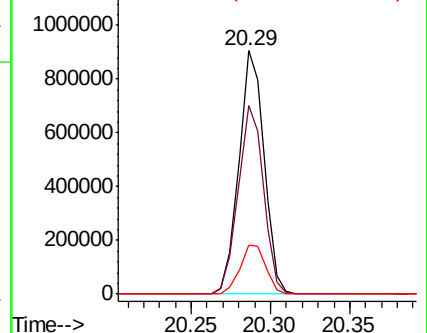
206 20.0 16.0 24.0

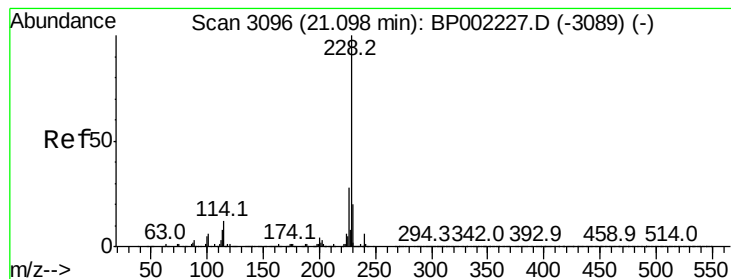


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.727 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

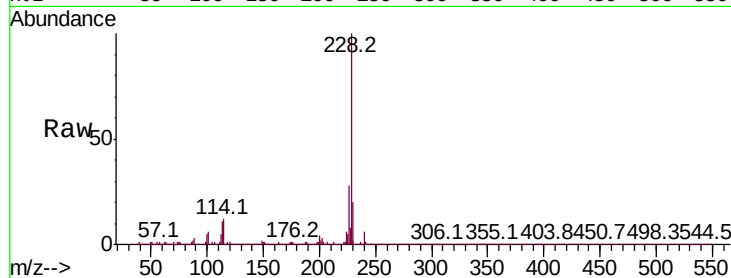
BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 3102571

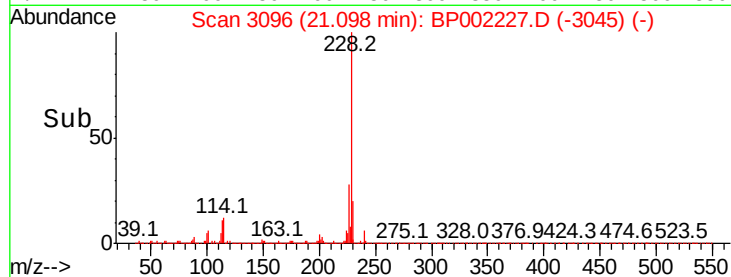
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.8	15.8	23.8



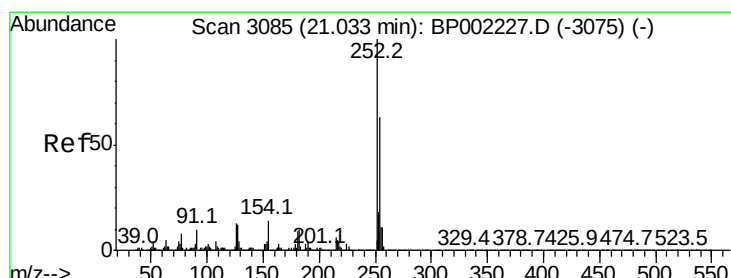
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 80.381 ng

RT: 21.03 min Scan# 3085

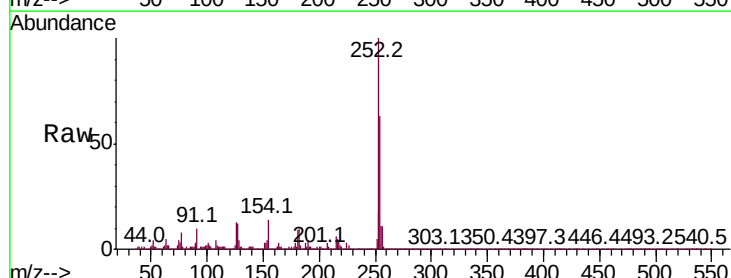
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion:252 Resp: 1177449

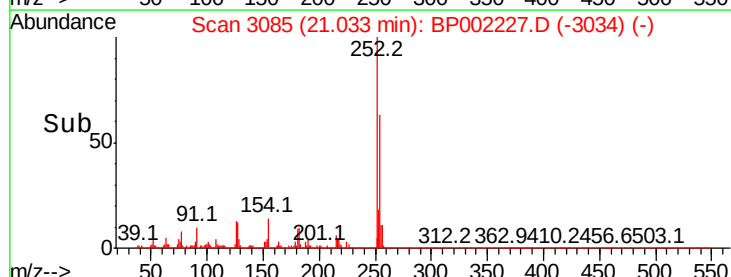
Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.2	75.4
126	12.5	10.0	15.0



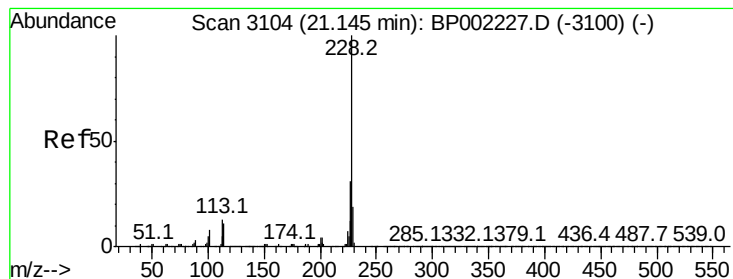
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 38.478 ng

RT: 21.15 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

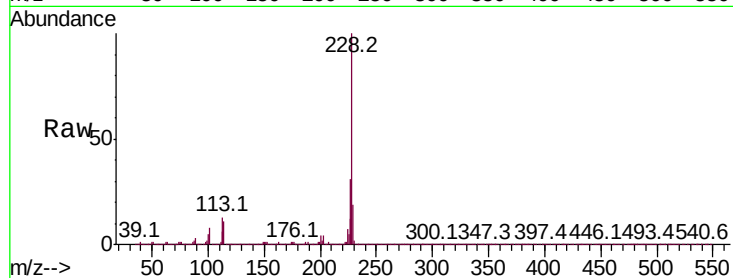
BNA_P

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 2969902

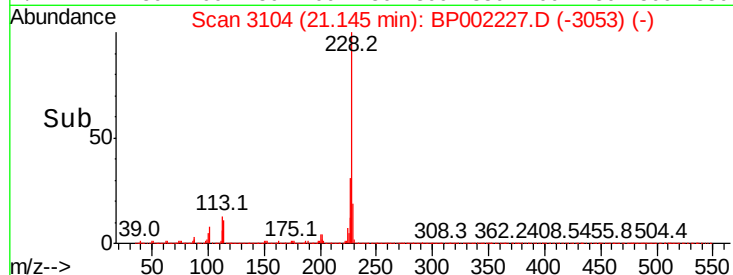
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	18.9	15.1	22.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

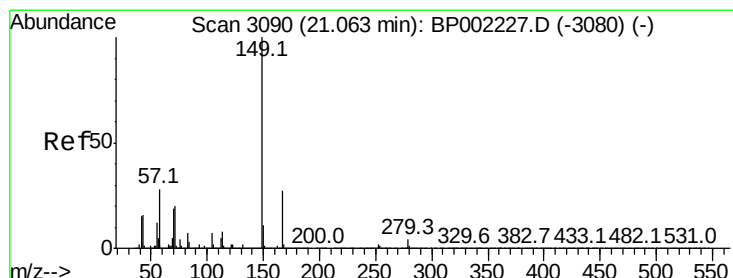
Ion 229.00 (228.70 to 229.70): E



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: 116.256 ng

RT: 21.06 min Scan# 3090

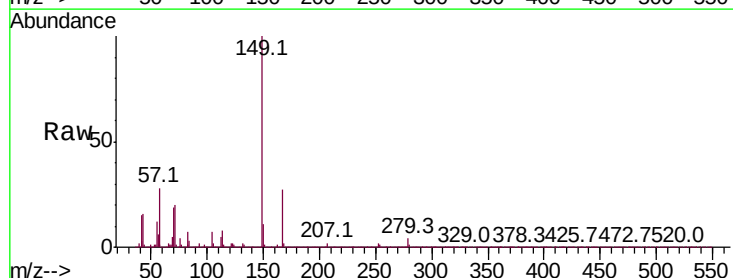
Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Tgt Ion:149 Resp: 1812260

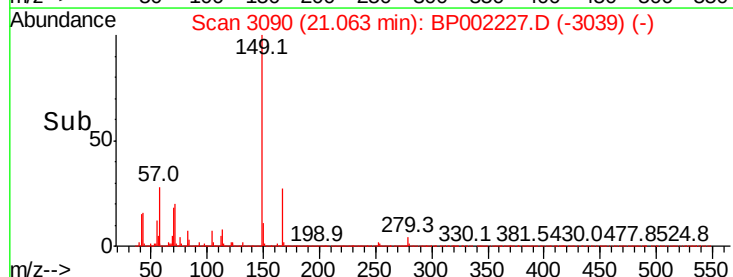
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	3.5	2.8	4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

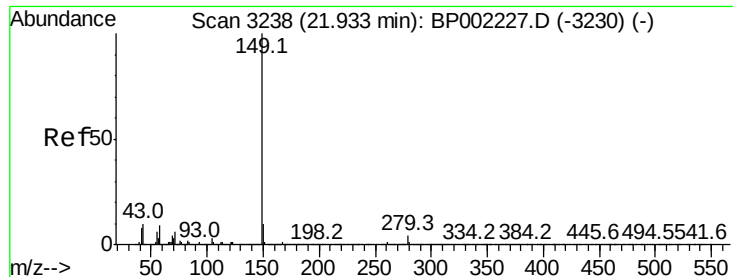
Ion 279.00 (278.70 to 279.70): E



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

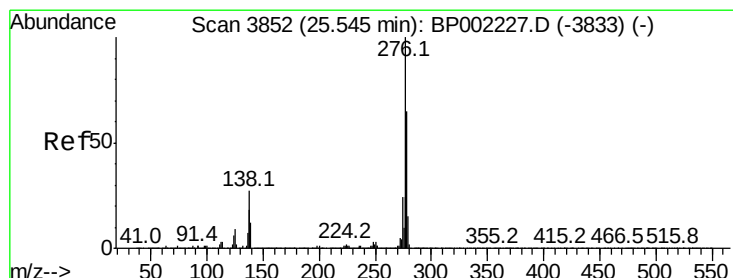
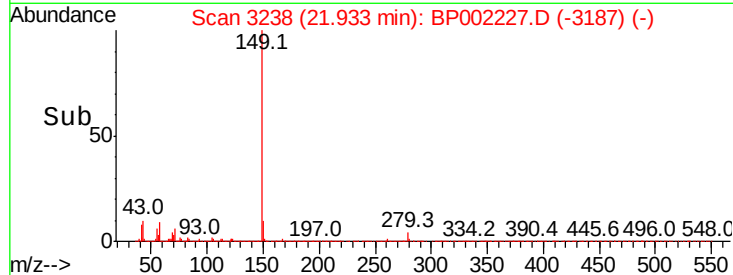
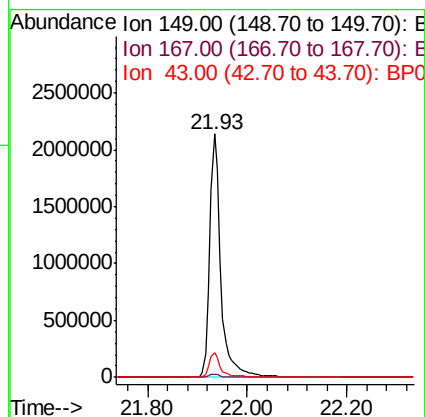
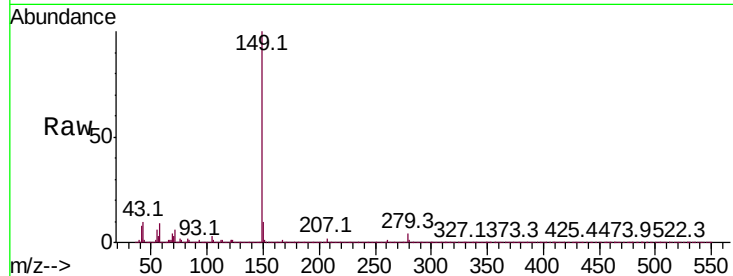
Ion 279.00 (278.70 to 279.70): E



#85
Di-n-octyl phthalate
Concen: 128.493 ng
RT: 21.93 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

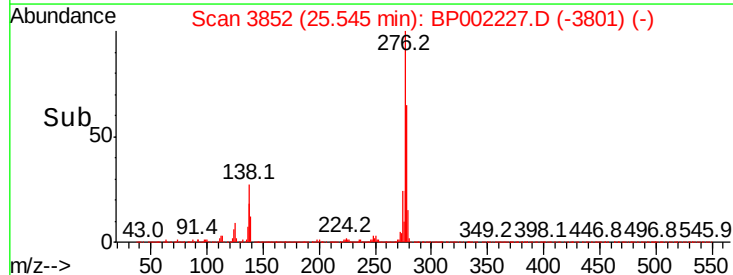
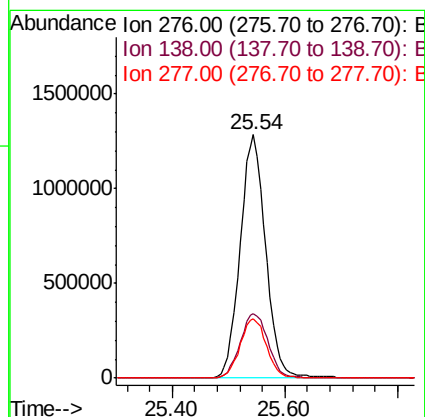
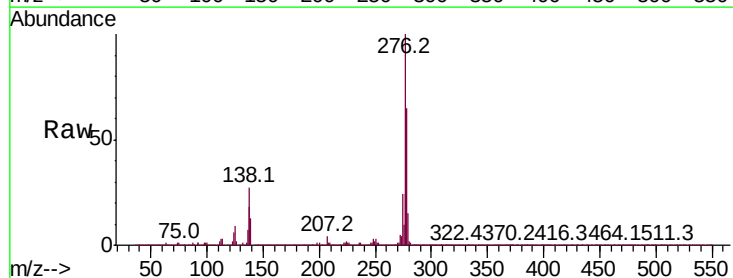
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

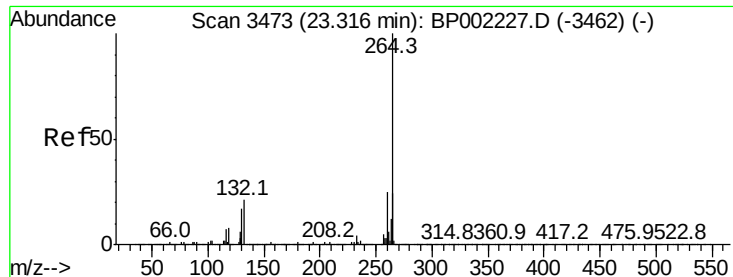
Tot Ion:149 Resp: 3340777
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 8.6 13.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.362 ng
RT: 25.54 min Scan# 3852
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:276 Resp: 4054311
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 25.4 20.3 30.5



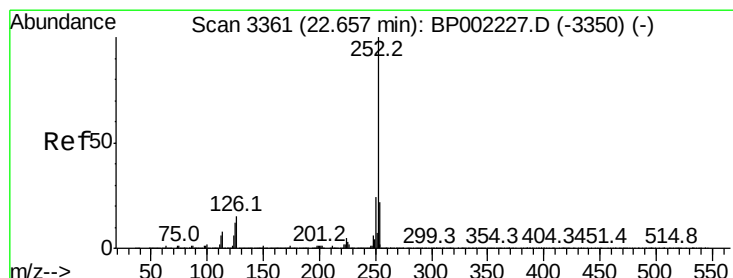
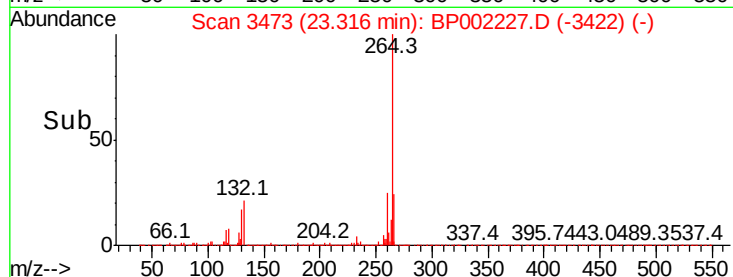
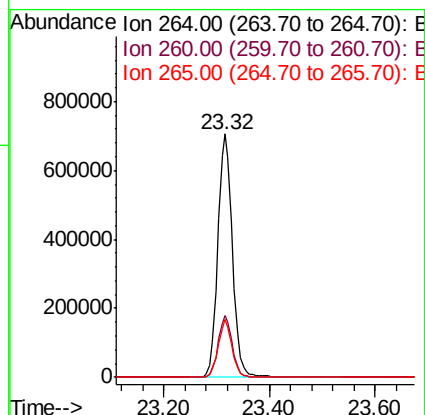
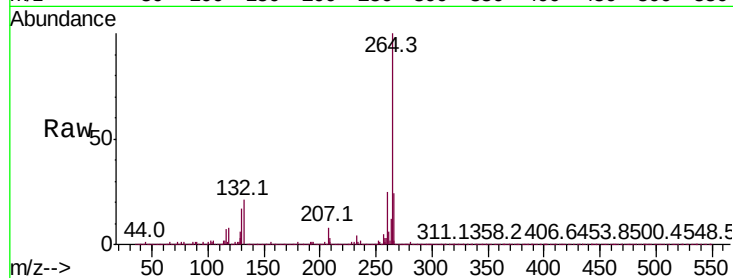


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tot Ion:264 Resp: 1359548

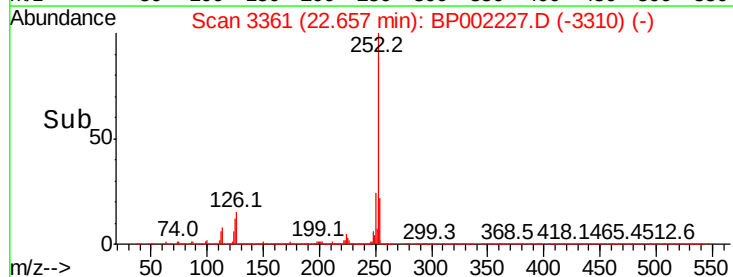
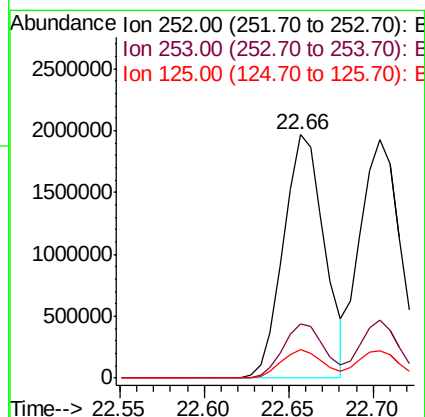
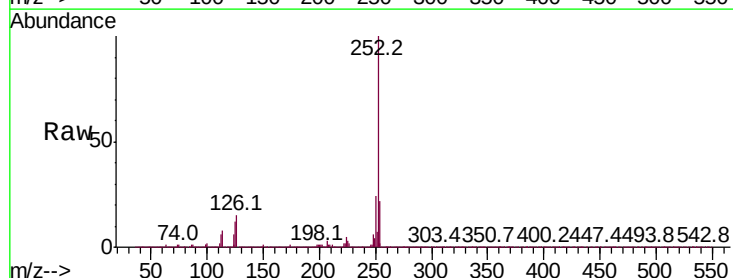
Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	23.7	19.0	28.4

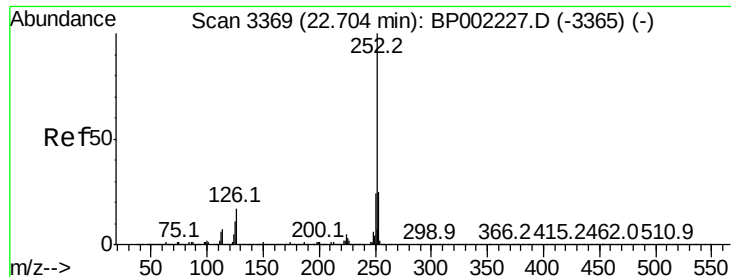


#88
Benzo(b)fluoranthene
Concen: 38.140 ng
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:252 Resp: 3308583

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.7	9.4	14.0





#89

Benzo(k)fluoranthene

Concen: 38.067 ng

RT: 22.70 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

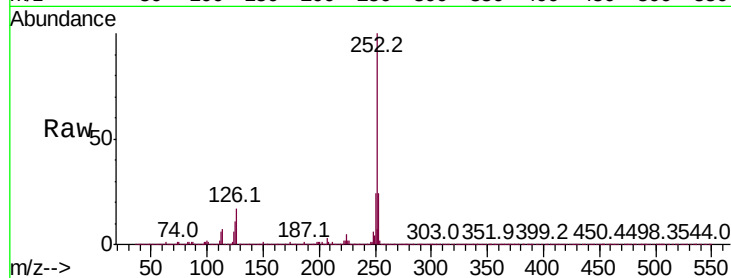
Tot Ion:252 Resp: 3299020

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

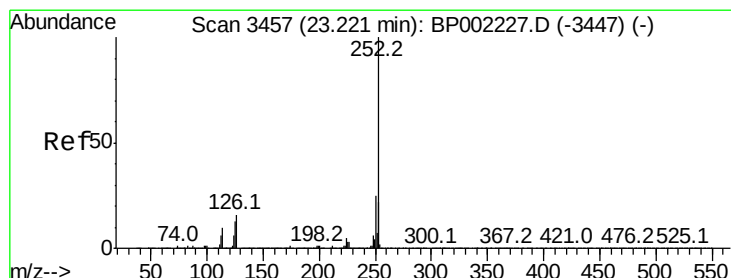
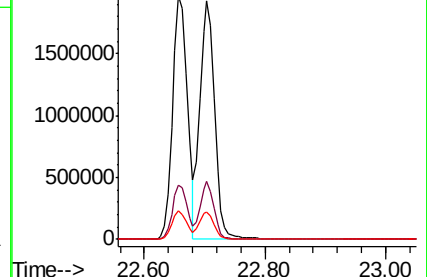
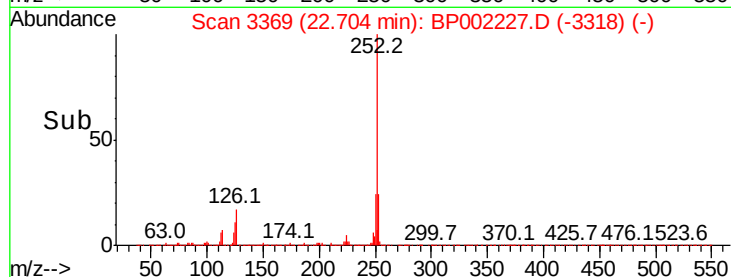
125 11.4 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.442 ng

RT: 23.22 min Scan# 3457

Delta R.T. 0.00 min

Lab File: BP002227.D

Acq: 04 May 2020 16:41

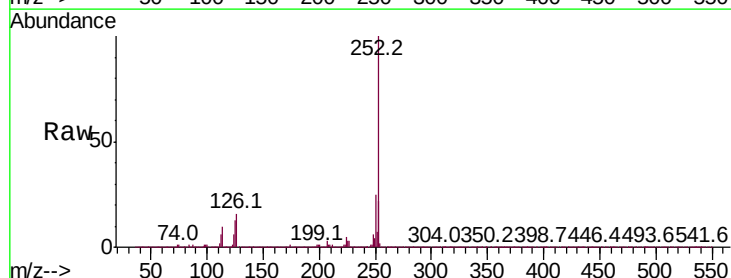
Tgt Ion:252 Resp: 3187141

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

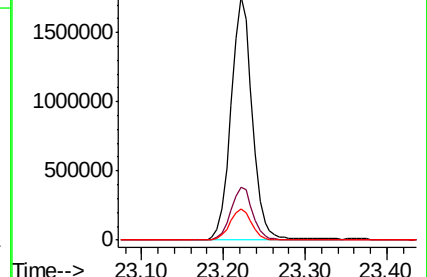
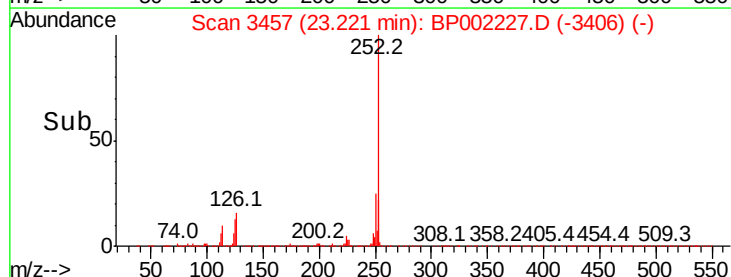
125 12.7 10.2 15.2

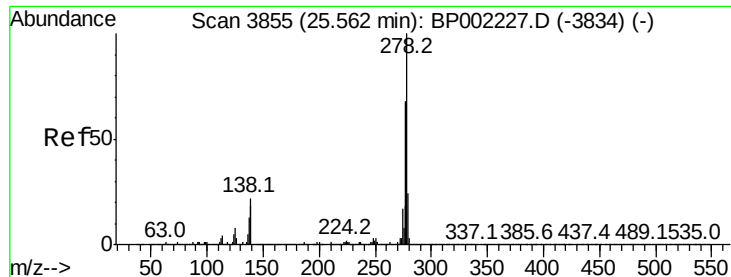


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



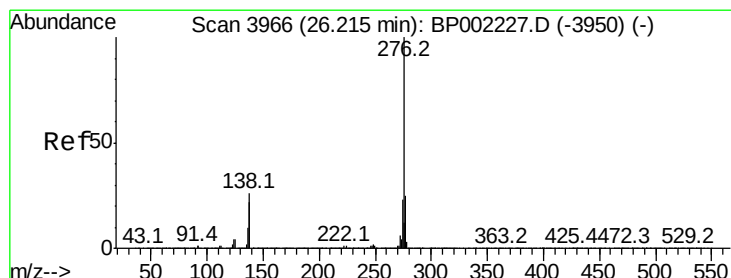
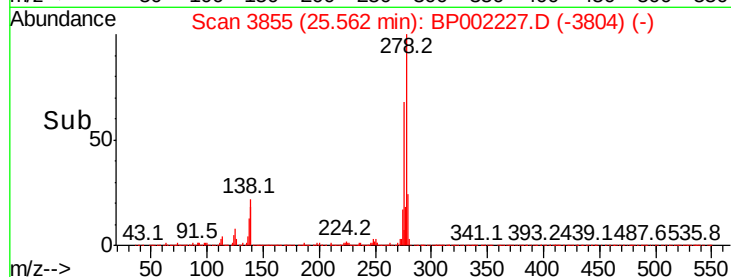
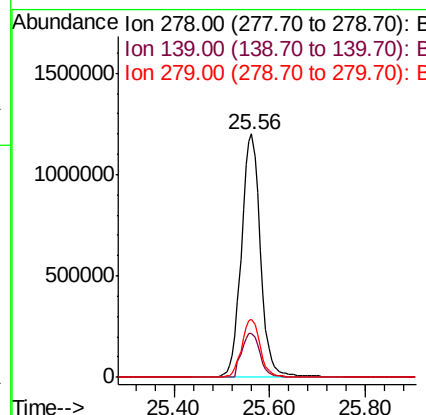
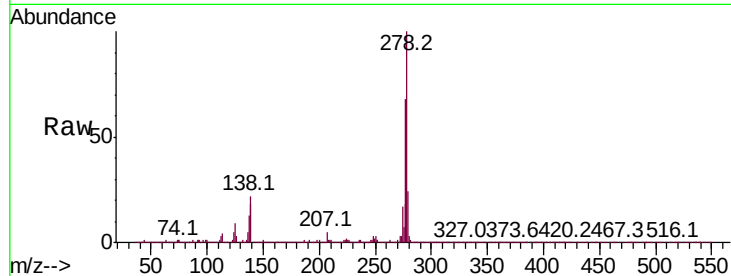


#91
Dibenzo(a,h)anthracene
Concen: 40.945 ng
RT: 25.56 min Scan# 3855
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tot Ion:278 Resp: 3328398

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.3	21.5
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 42.076 ng
RT: 26.22 min Scan# 3966
Delta R.T. 0.00 min
Lab File: BP002227.D
Acq: 04 May 2020 16:41

Tgt Ion:276 Resp: 3392540

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.9	29.9
138	26.2	21.0	31.4

