

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002444.D
 Acq On : 18 Jun 2020 16:43
 Operator : CG/JU
 Sample : L3034-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

Quant Time: Jun 18 17:14:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	150413	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	597815	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	344218	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	637315	20.00	ng	0.00
76) Chrysene-d12	21.10	240	637595	20.00	ng	-0.01
86) Perylene-d12	23.29	264	772401	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	604337	74.35	ng	0.00
7) Phenol-d6	6.78	99	1268506	117.21	ng	0.00
23) Nitrobenzene-d5	8.73	82	867606	86.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	206765	62.74	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1734026	84.70	ng	0.00
79) Terphenyl-d14	19.58	244	2068823	82.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	166005	44.335	ng	98
3) Pyridine	3.53	79	453042	44.517	ng	97
4) n-Nitrosodimethylamine	3.45	42	210974	50.306	ng	98
6) Aniline	6.92	93	495016	33.633	ng	99
8) 2-Chlorophenol	7.16	128	463837	50.749	ng	99
9) Benzaldehyde	6.73	77	253937	46.459	ng	97
10) Phenol	6.80	94	615779	52.462	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	480269	49.007	ng	99
12) 1,3-Dichlorobenzene	7.48	146	496072	47.135	ng	98
13) 1,4-Dichlorobenzene	7.62	146	504592	47.654	ng	97
14) 1,2-Dichlorobenzene	7.93	146	480259	47.348	ng	99
15) Benzyl Alcohol	7.83	79	402304	47.961	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	648396	46.631	ng	99
17) 2-Methylphenol	8.04	107	395436	46.105	ng	98
18) Hexachloroethane	8.66	117	187428	48.587	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	346408	47.887	ng	99
20) 3+4-Methylphenols	8.36	107	532685	46.019	ng	97
22) Acetophenone	8.40	105	663339	49.389	ng	# 98
24) Nitrobenzene	8.77	77	547654	50.894	ng	97
25) Isophorone	9.30	82	976680	47.905	ng	100
26) 2-Nitrophenol	9.48	139	245331	51.164	ng	98
27) 2,4-Dimethylphenol	9.56	122	398855	53.023	ng	100
28) bis(2-Chloroethoxy)methane	9.79	93	616505	50.767	ng	100
29) 2,4-Dichlorophenol	10.02	162	425799	50.285	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	459472	48.679	ng	99
31) Naphthalene	10.41	128	1371312	49.376	ng	99
32) Benzoic acid	9.70	122	296543	47.835	ng	97
33) 4-Chloroaniline	10.52	127	327160	26.983	ng	99
34) Hexachlorobutadiene	10.71	225	264679	48.052	ng	98
35) Caprolactam	11.27	113	83016	27.796	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	456086	49.780	ng	99
37) 2-Methylnaphthalene	12.03	142	971436	49.280	ng	98
38) 1-Methylnaphthalene	12.25	142	922963	49.883	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	466994	51.466	ng	100

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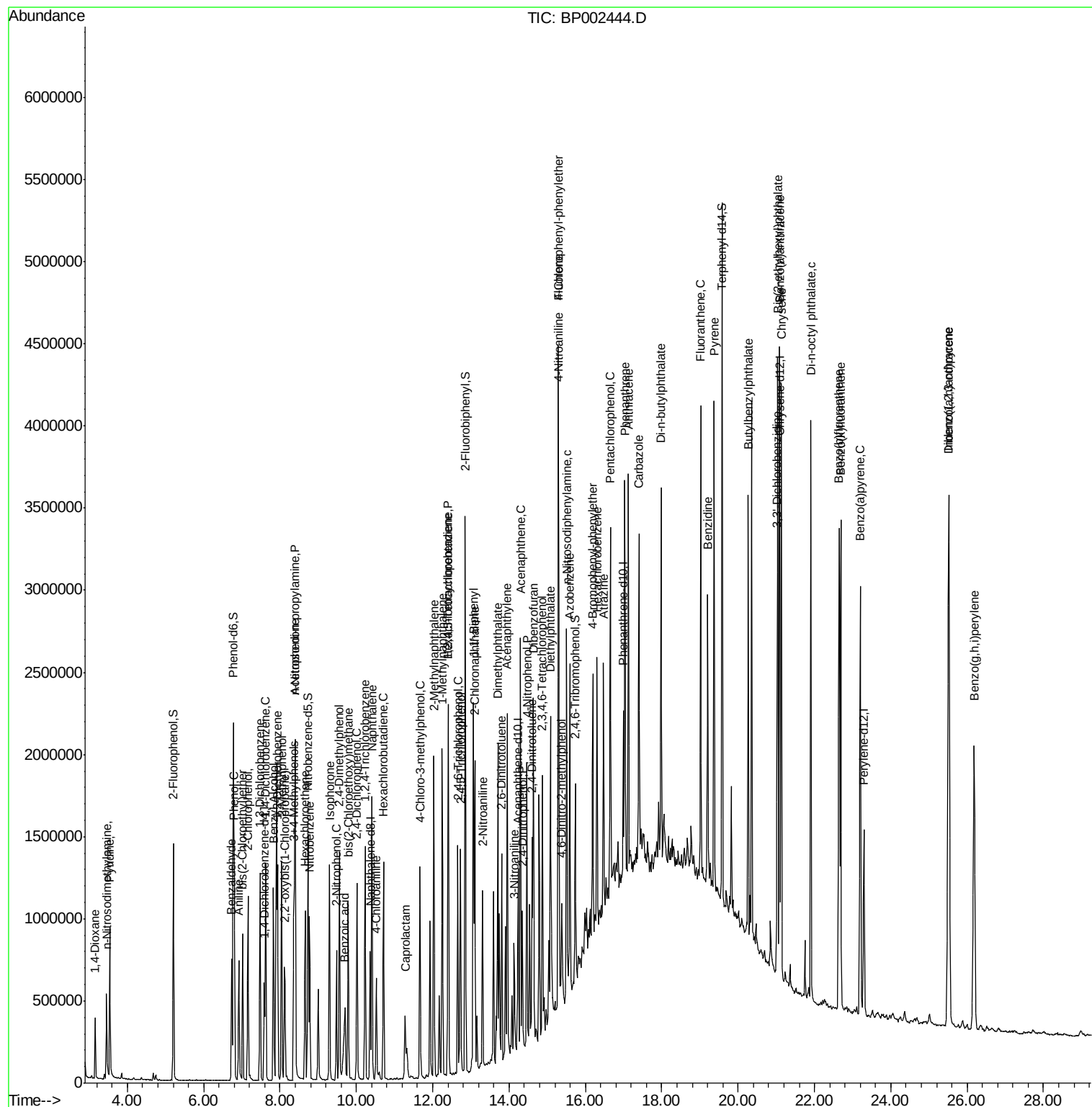
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	324906	67.352	ng	98
43) 2,4,6-Trichlorophenol	12.66	196	323761	50.417	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	347718	46.762	ng	99
46) 1,1'-Biphenyl	13.06	154	1166806	51.721	ng	99
47) 2-Chloronaphthalene	13.10	162	925798	50.170	ng	99
48) 2-Nitroaniline	13.30	65	302285	51.315	ng	99
49) Acenaphthylene	13.95	152	1452386	49.312	ng	99
50) Dimethylphthalate	13.70	163	1247483	52.891	ng	99
51) 2,6-Dinitrotoluene	13.81	165	244851	47.802	ng	93
52) Acenaphthene	14.30	154	855114	49.561	ng	99
53) 3-Nitroaniline	14.13	138	167090	28.568	ng	97
54) 2,4-Dinitrophenol	14.35	184	162848	54.841	ng	97
55) Dibenzofuran	14.64	168	1342721	48.336	ng	100
56) 4-Nitrophenol	14.47	139	446244	96.093	ng	95
57) 2,4-Dinitrotoluene	14.60	165	331337	47.523	ng	95
58) Fluorene	15.29	166	987757	45.206	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	290284	49.178	ng	# 100
60) Diethylphthalate	15.08	149	1055941	44.682	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	490143	46.532	ng	99
62) 4-Nitroaniline	15.30	138	192974	34.338	ng	96
63) Azobenzene	15.59	77	1155390	49.116	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	125897	37.435	ng	87
66) n-Nitrosodiphenylamine	15.51	169	917259	56.341	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	305447	50.593	ng	99
68) Hexachlorobenzene	16.30	284	330073	51.522	ng	94
69) Atrazine	16.47	200	274974	51.774	ng	97
70) Pentachlorophenol	16.65	266	405497	105.795	ng	99
71) Phenanthrene	17.03	178	1509183	50.623	ng	99
72) Anthracene	17.13	178	1521179	51.364	ng	99
73) Carbazole	17.40	167	1391367	47.757	ng	99
74) Di-n-butylphthalate	17.98	149	1644630	47.701	ng	99
75) Fluoranthene	19.02	202	1807054	50.780	ng	99
77) Benzidine	19.20	184	1043214	73.223	ng	99
78) Pyrene	19.37	202	1837057	47.038	ng	99
80) Butylbenzylphthalate	20.27	149	802611	46.231	ng	98
81) Benzo(a)anthracene	21.09	228	1859702	51.099	ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	603129	44.593	ng	99
83) Chrysene	21.13	228	1779083	51.597	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1226452	48.565	ng	100
85) Di-n-octyl phthalate	21.90	149	2250420	50.806	ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2497136	51.688	ng	100
88) Benzo(b)fluoranthene	22.64	252	2140358	51.385	ng	99
89) Benzo(k)fluoranthene	22.69	252	1940133	49.022	ng	100
90) Benzo(a)pyrene	23.20	252	1957082	50.137	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2029923	52.381	ng	99
92) Benzo(g,h,i)perylene	26.19	276	2100361	52.330	ng	98

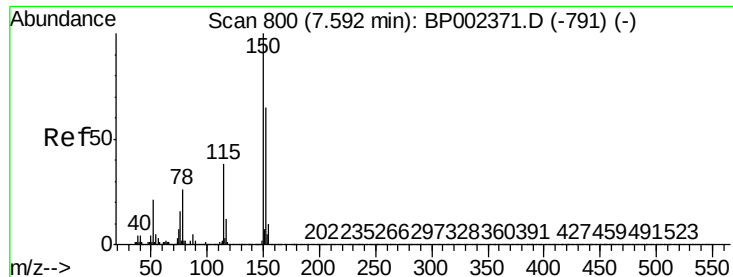
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

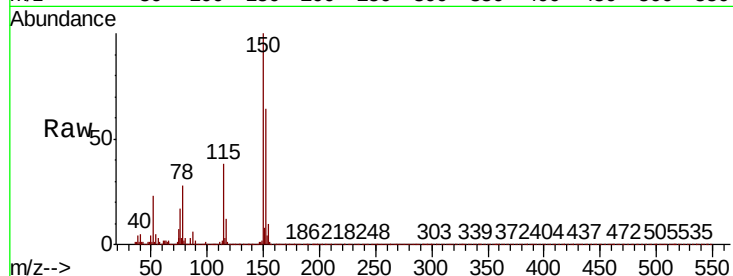
Tot Ion:152 Resp: 150413

Ion Ratio Lower Upper

152 100

150 156.3 124.0 186.0

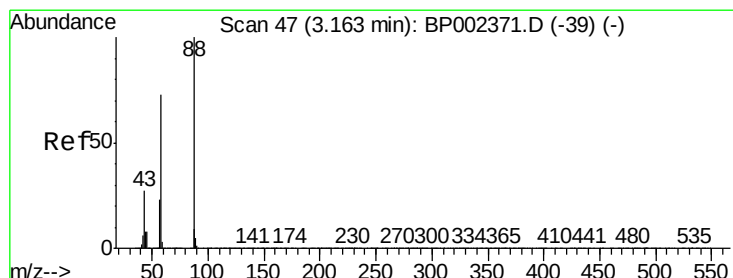
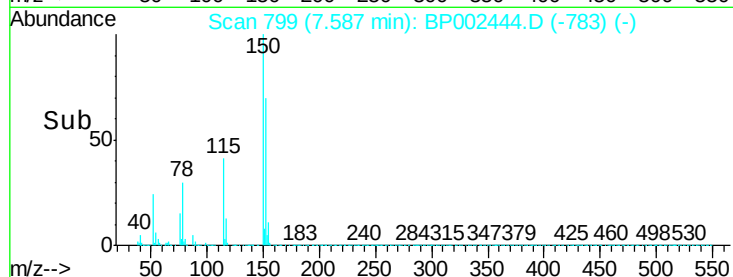
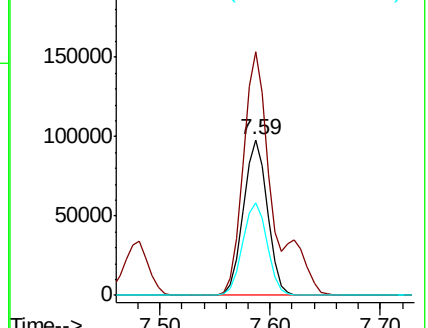
115 59.6 47.4 71.0



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: 44.335 ng

RT: 3.16 min Scan# 46

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

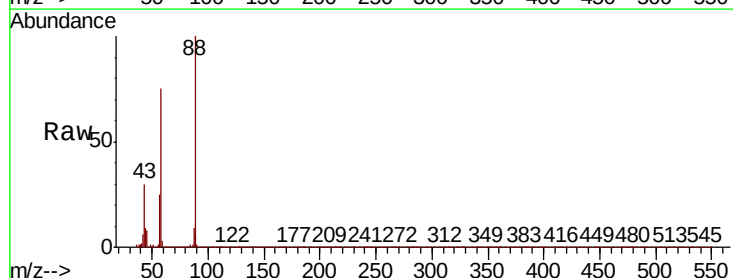
Tgt Ion: 88 Resp: 166005

Ion Ratio Lower Upper

88 100

58 73.8 58.2 87.4

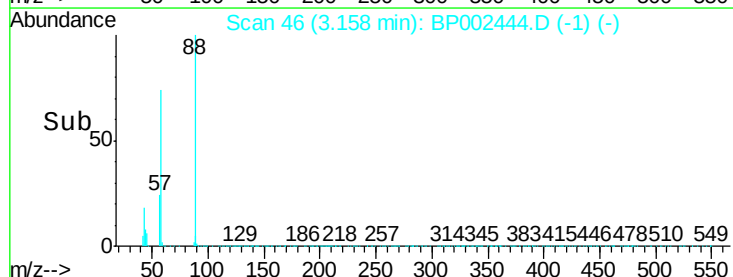
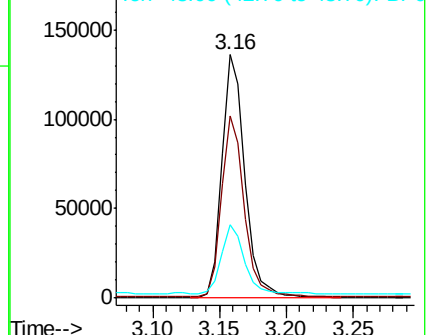
43 28.5 21.8 32.8

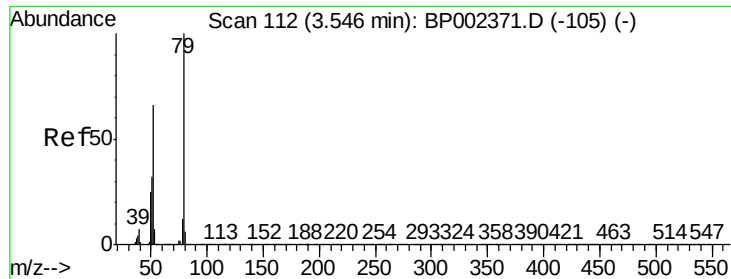


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

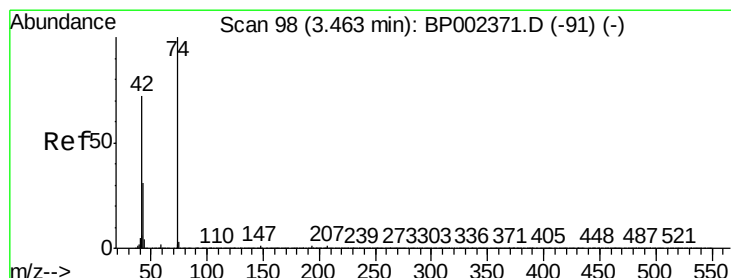
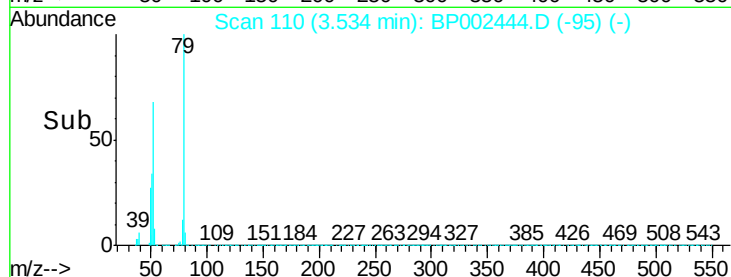
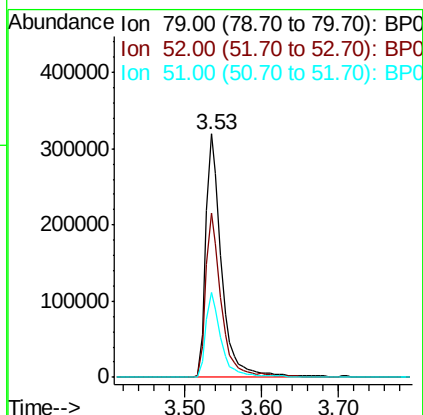
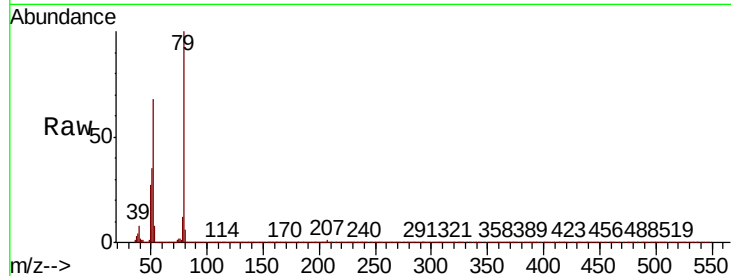




#3
 Pvridine
 Concen: 44.517 ng
 RT: 3.53 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

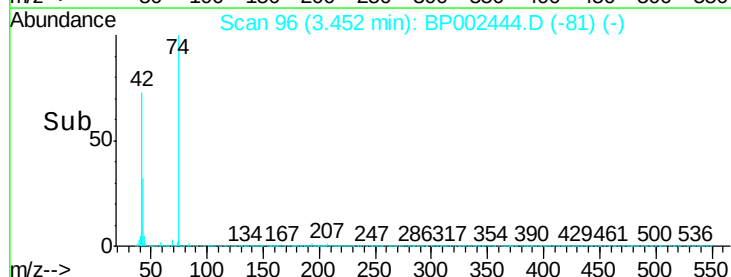
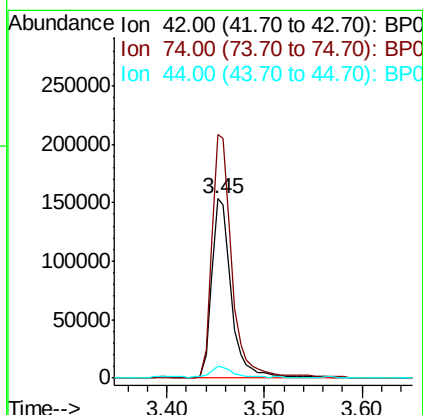
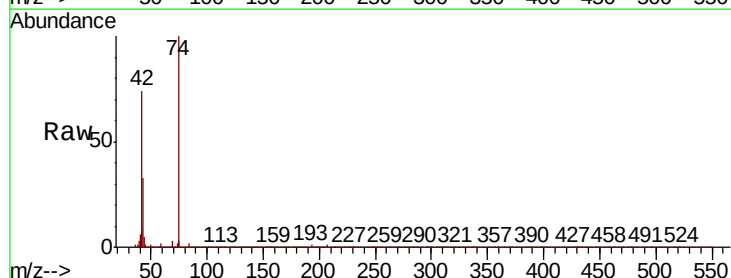
Instrument :
 BNA_P
 ClientSampleId :
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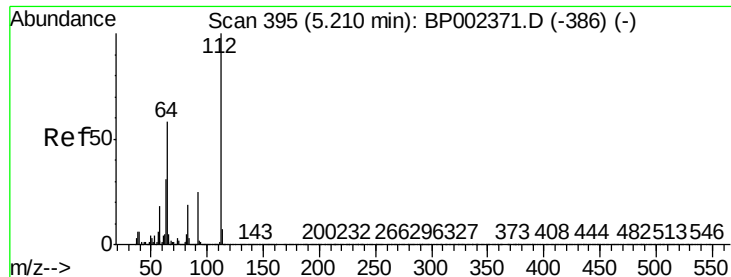
Tot Ion: 79 Resp: 453042
 Ion Ratio Lower Upper
 79 100
 52 67.7 52.5 78.7
 51 34.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 50.306 ng
 RT: 3.45 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Tgt Ion: 42 Resp: 210974
 Ion Ratio Lower Upper
 42 100
 74 135.9 111.1 166.7
 44 6.9 5.4 8.0





#5

2-Fluorophenol

Concen: 74.347 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

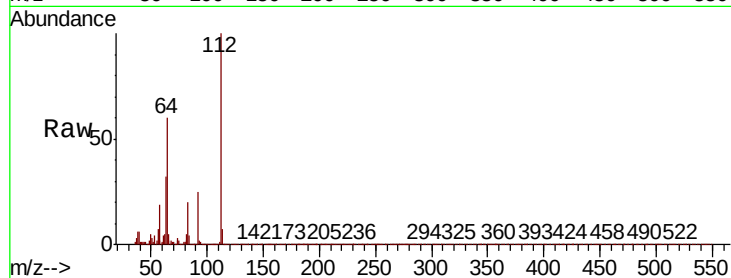
Tot Ion:112 Resp: 604337

Ion Ratio Lower Upper

112 100

64 59.8 46.2 69.2

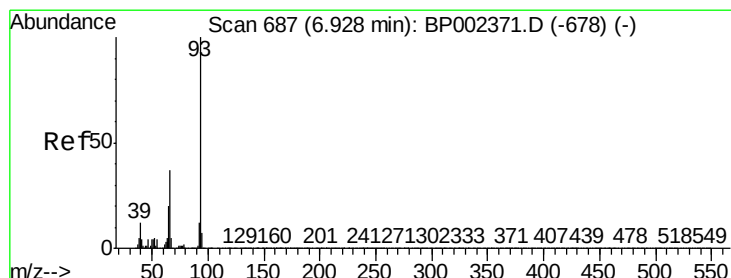
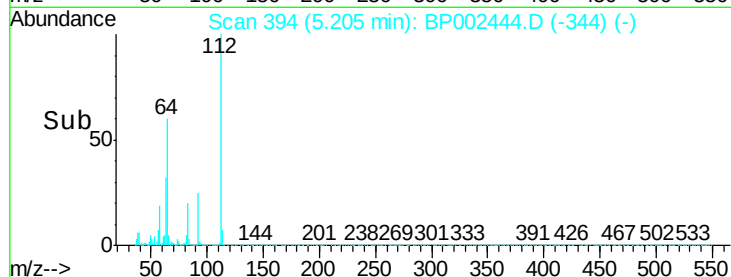
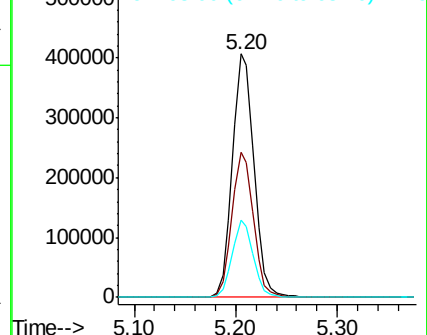
63 31.7 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.633 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

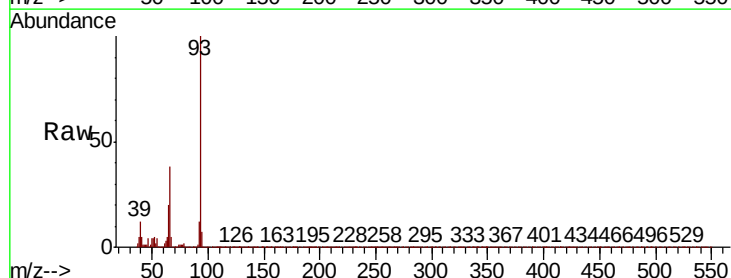
Tgt Ion: 93 Resp: 495016

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.6

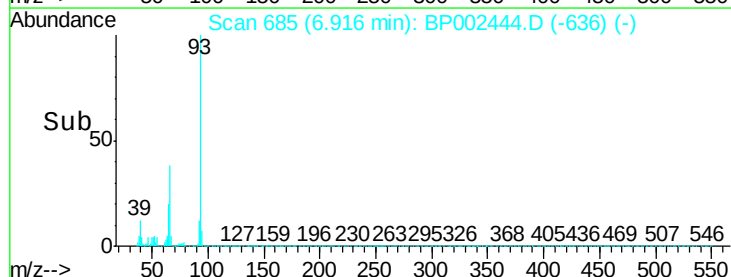
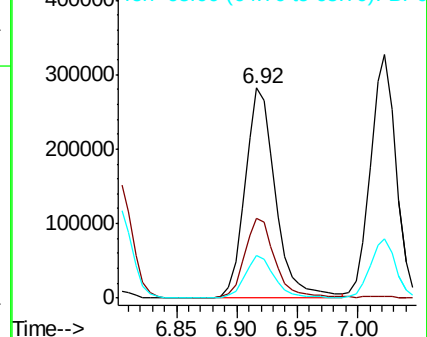
65 20.1 15.7 23.5

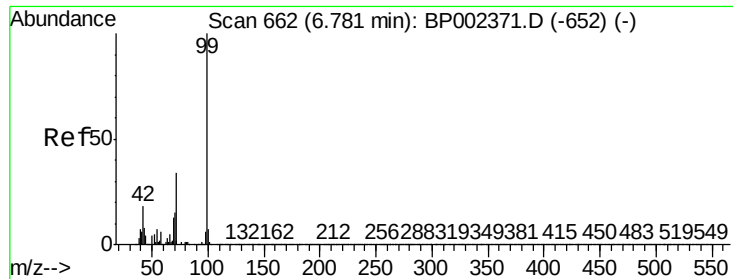


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 117.212 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

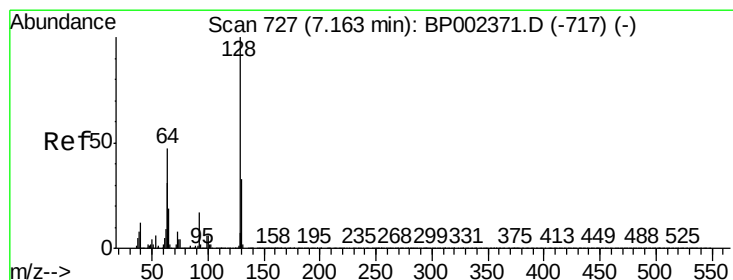
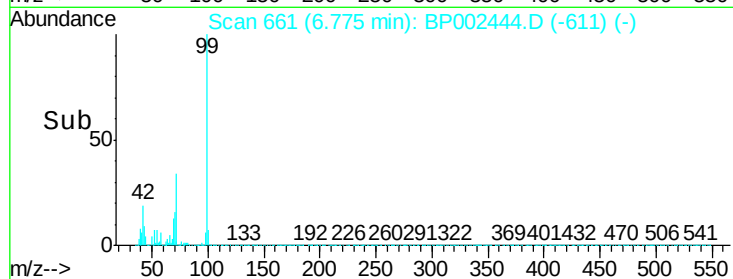
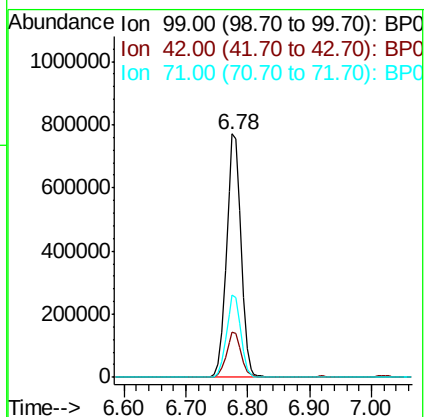
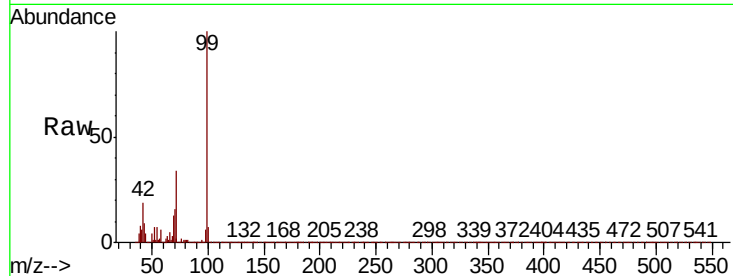
BNA_P

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Tot Ion: 99 Resp: 1268506

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	34.0	27.2	40.8



#8

2-Chlorophenol

Concen: 50.749 ng

RT: 7.16 min Scan# 726

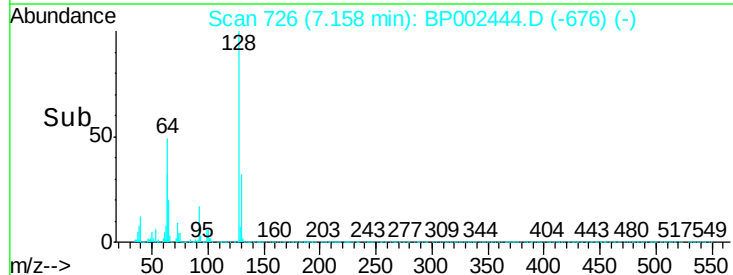
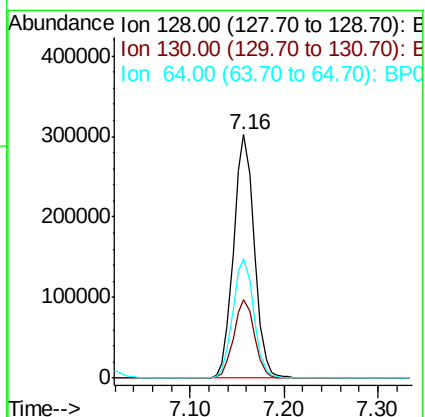
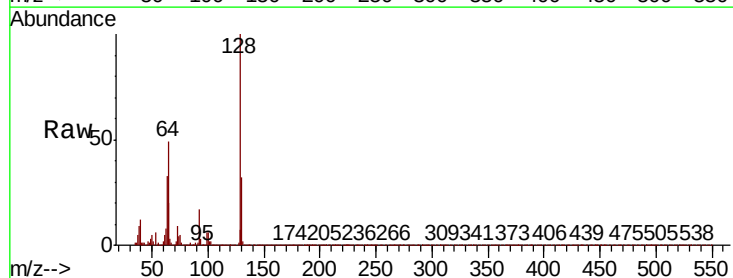
Delta R.T. -0.01 min

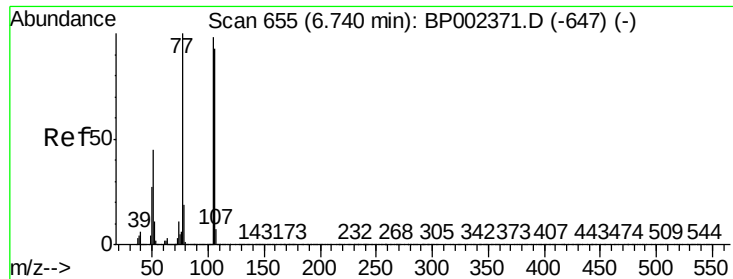
Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion: 128 Resp: 463837

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	49.3	27.7	67.7





#9

Benzaldehyde

Concen: 46.459 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

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Instrument :

BNA_P

ClientSampleId :

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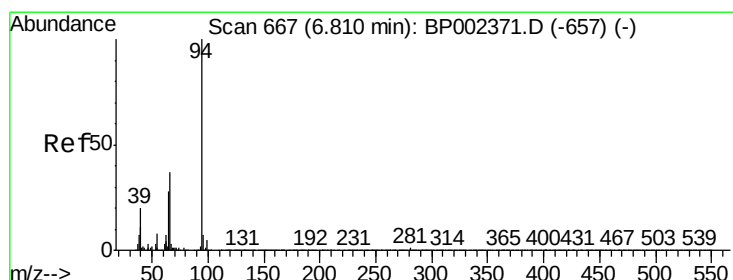
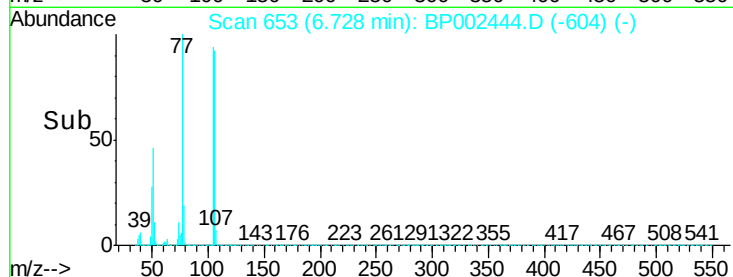
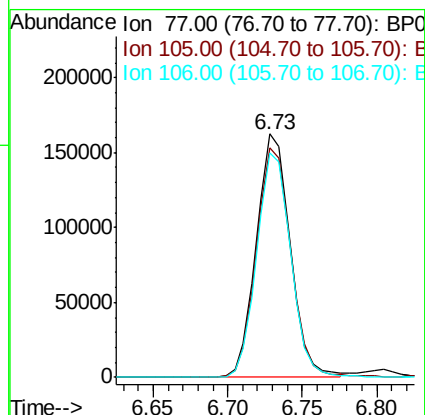
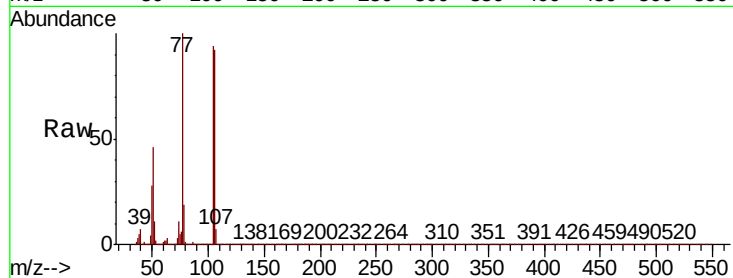
Tot Ion: 77 Resp: 253937

Ion Ratio Lower Upper

77 100

105 94.4 78.1 118.1

106 91.9 73.2 113.2



#10

Phenol

Concen: 52.462 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

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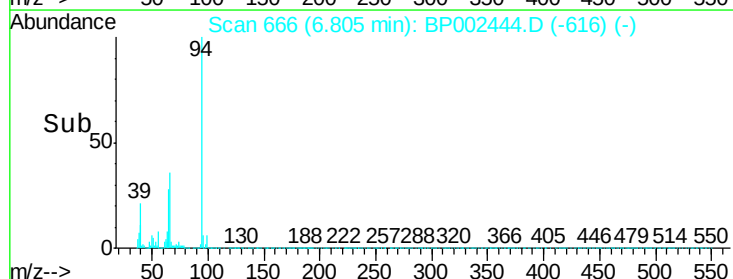
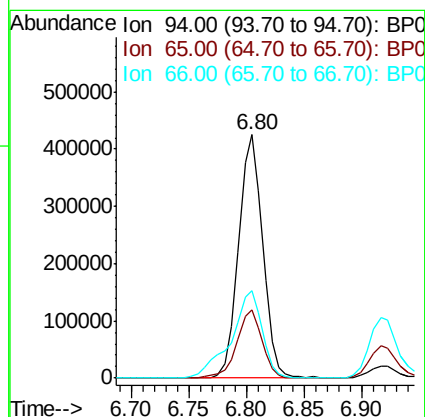
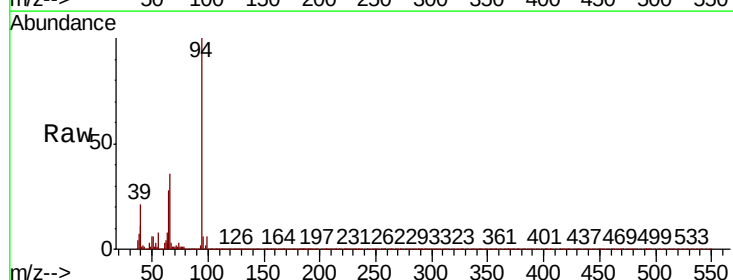
Tgt Ion: 94 Resp: 615779

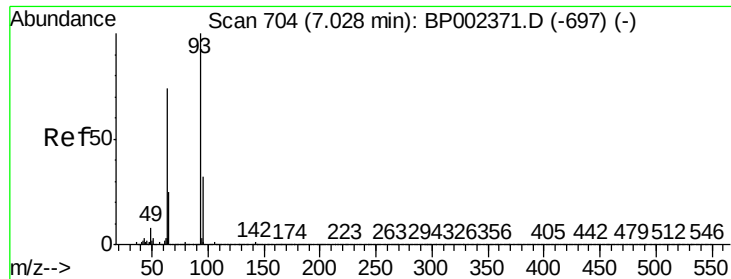
Ion Ratio Lower Upper

94 100

65 27.8 7.7 47.7

66 35.9 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 49.007 ng

RT: 7.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

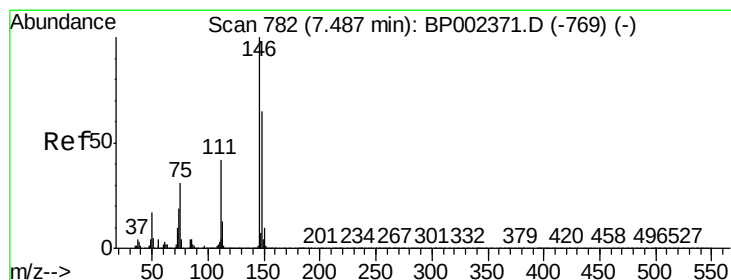
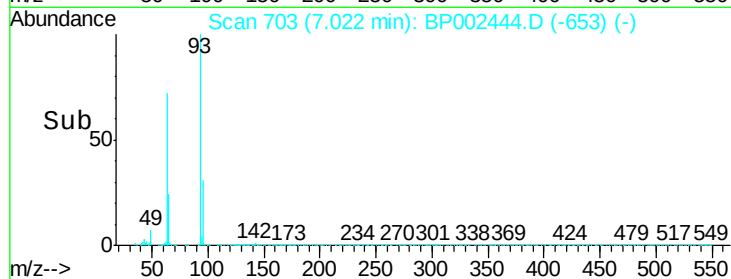
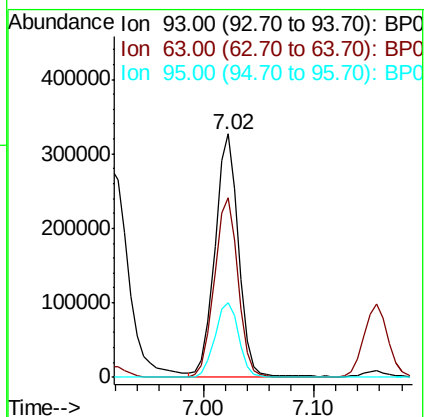
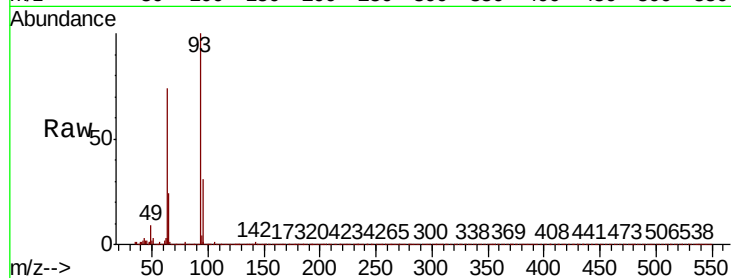
Tot Ion: 93 Resp: 480269

Ion Ratio Lower Upper

93 100

63 73.9 54.2 94.2

95 30.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 47.135 ng

RT: 7.48 min Scan# 780

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

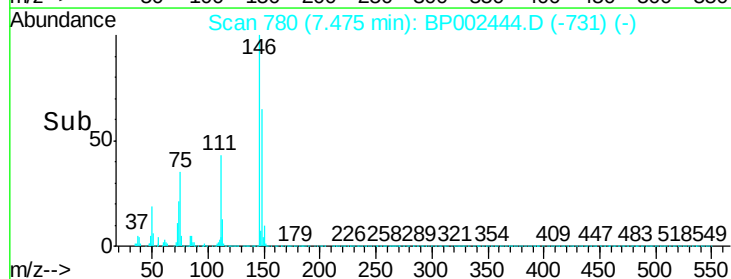
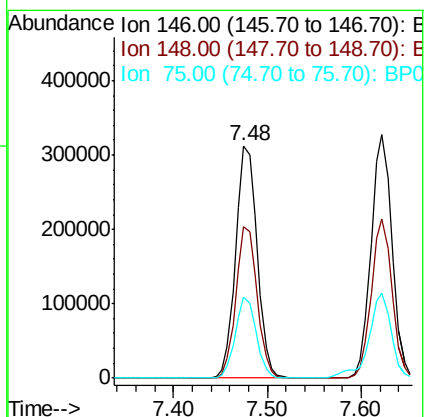
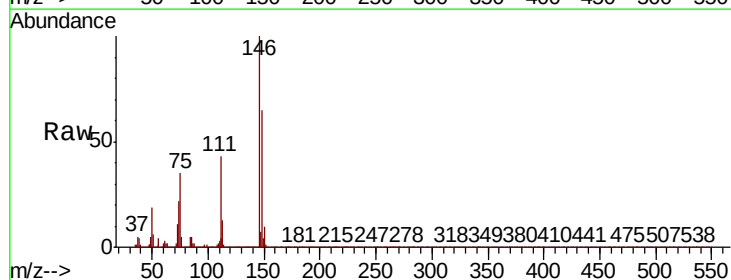
Tgt Ion: 146 Resp: 496072

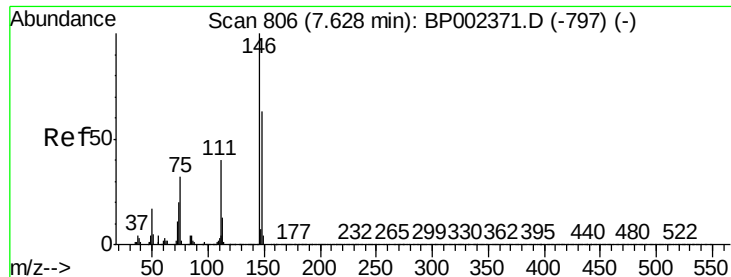
Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

75 34.6 25.0 37.4

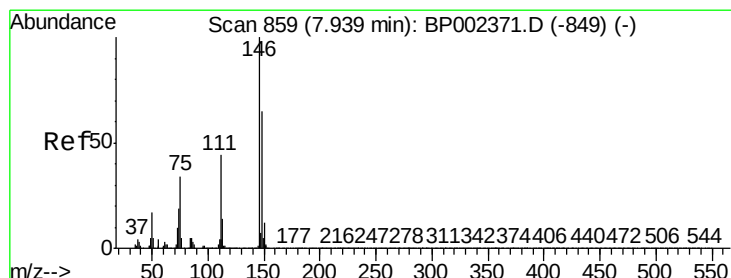
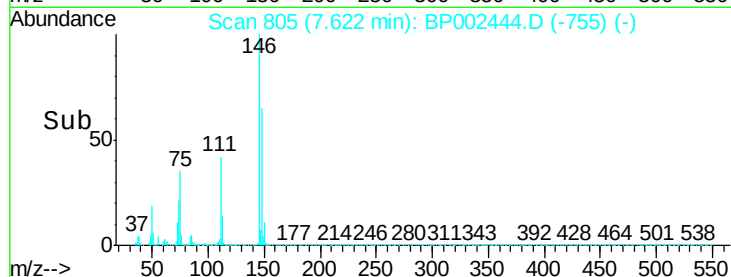
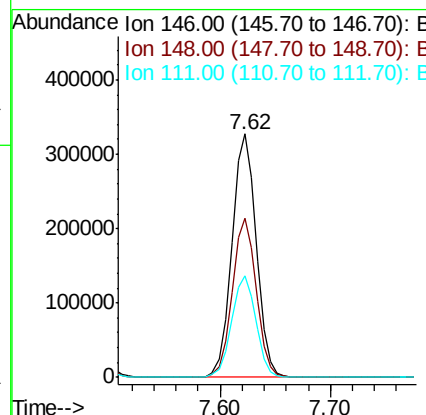
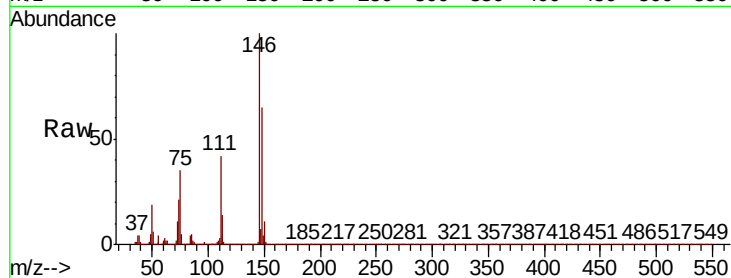




#13
 1,4-Dichlorobenzene
 Concen: 47.654 ng
 RT: 7.62 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

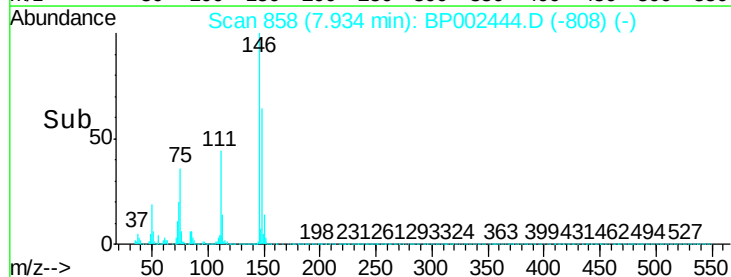
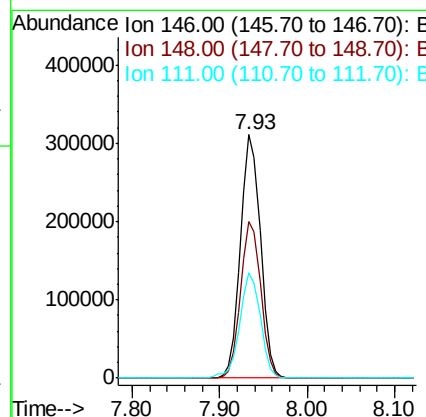
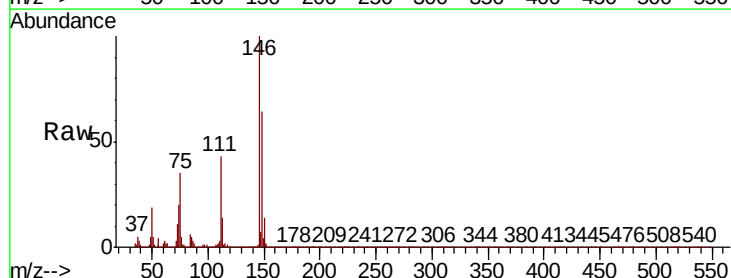
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

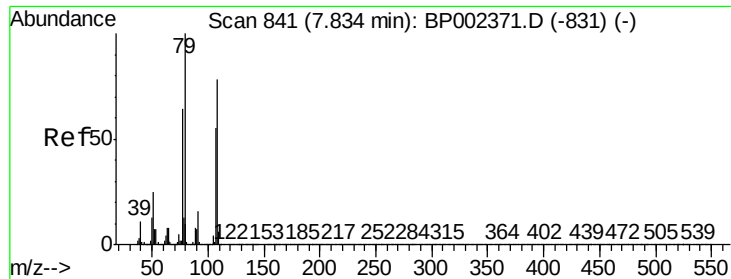
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.7	76.1
111	42.0	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 47.348 ng
 RT: 7.93 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	43.3	35.4	53.2

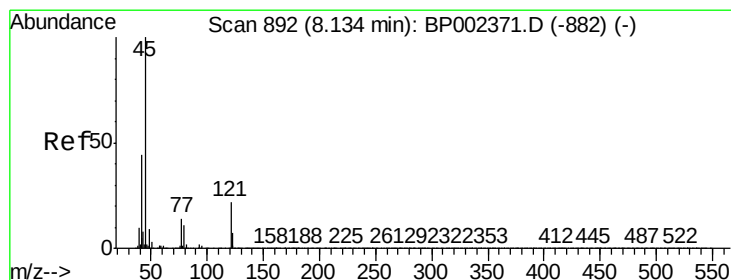
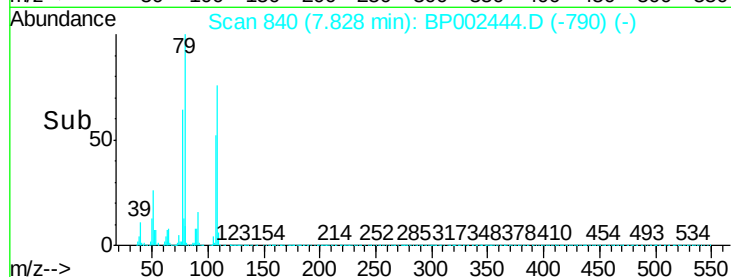
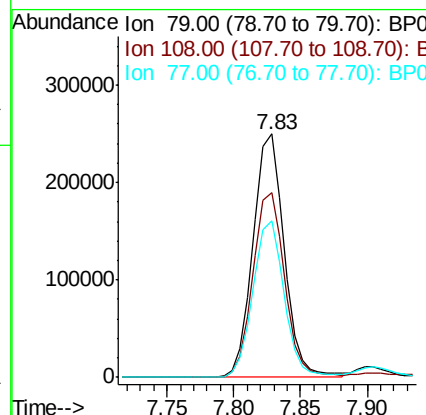
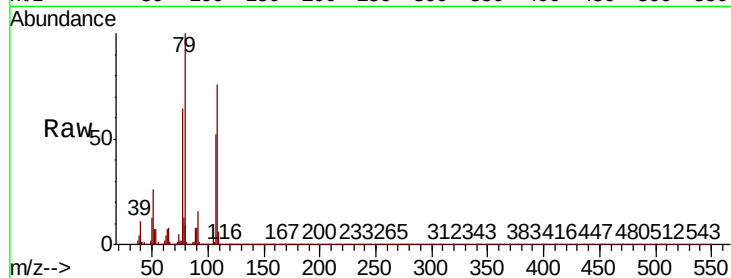




#15
Benzyl Alcohol
Concen: 47.961 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

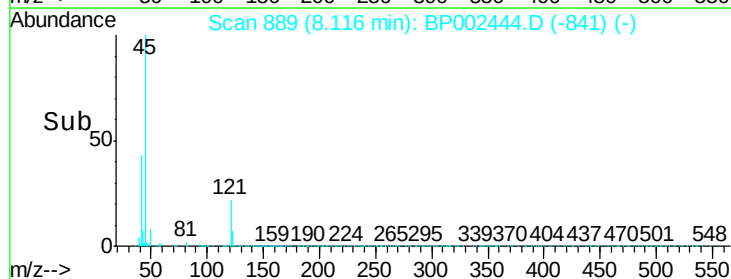
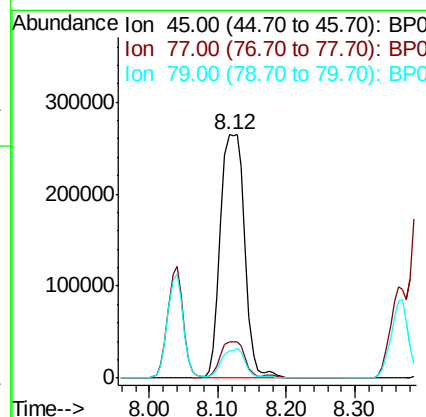
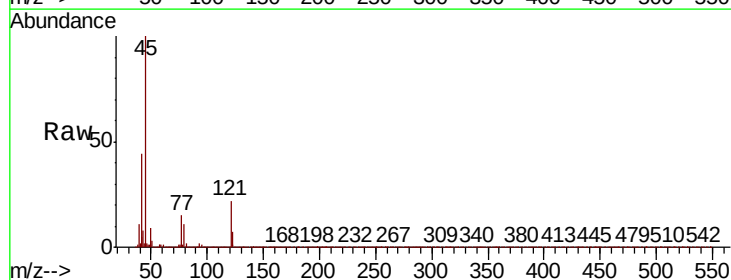
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

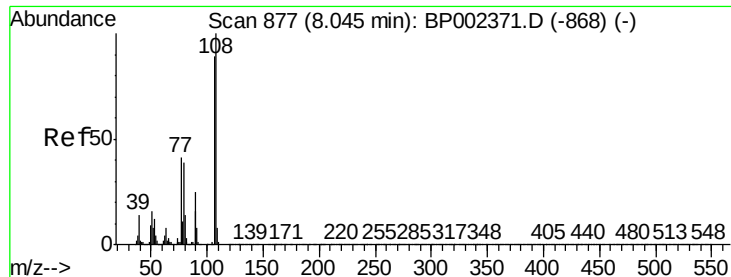
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	62.6	94.0
77	64.2	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.631 ng
RT: 8.12 min Scan# 889
Delta R.T. -0.02 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.0
79	11.5	0.0	32.0





#17

2-Methylphenol

Concen: 46.105 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

Tot Ion:107 Resp: 395436

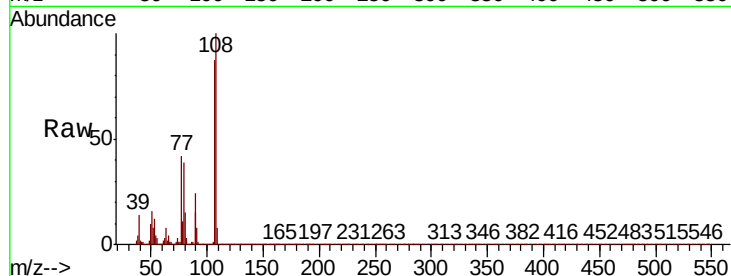
Ion Ratio Lower Upper

107 100

108 115.0 90.3 135.5

77 48.8 37.1 55.7

79 45.4 35.8 53.6

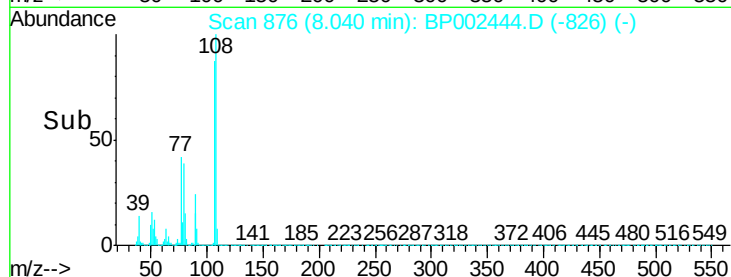


Abundance Ion 107.00 (106.70 to 107.70): E

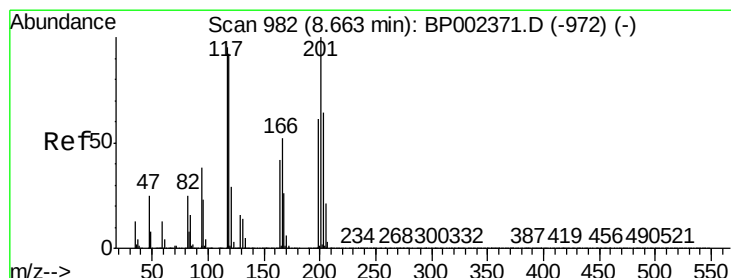
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time-->



#18

Hexachloroethane

Concen: 48.587 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

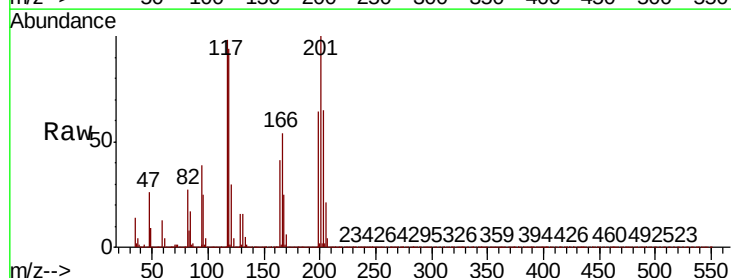
Tgt Ion:117 Resp: 187428

Ion Ratio Lower Upper

117 100

119 95.8 77.8 116.8

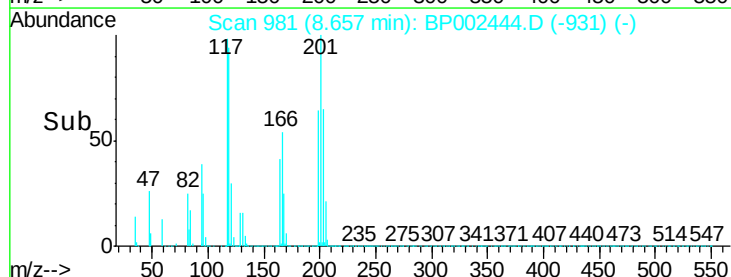
201 102.1 84.2 126.4



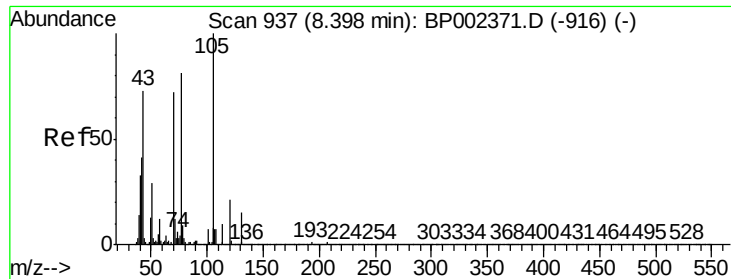
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



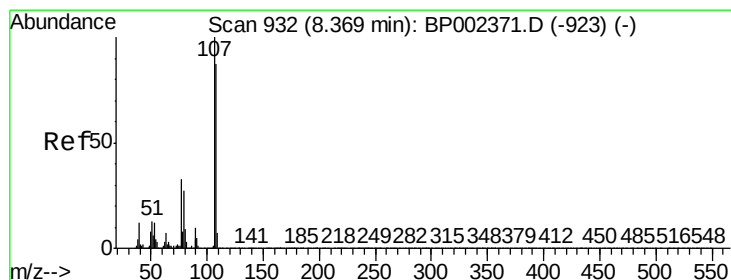
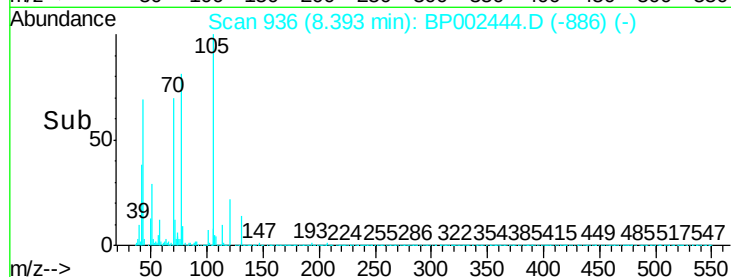
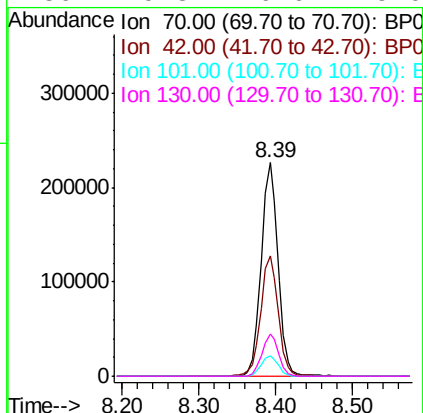
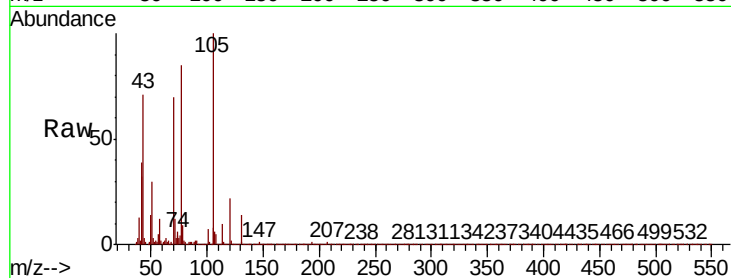
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 47.887 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

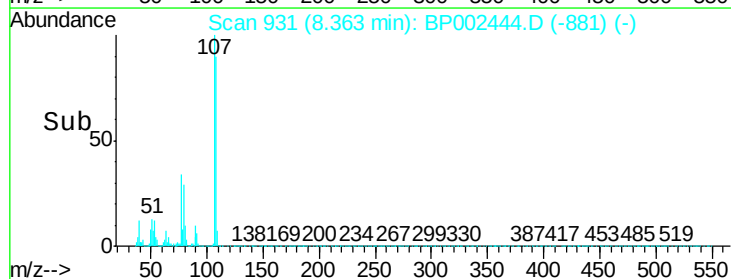
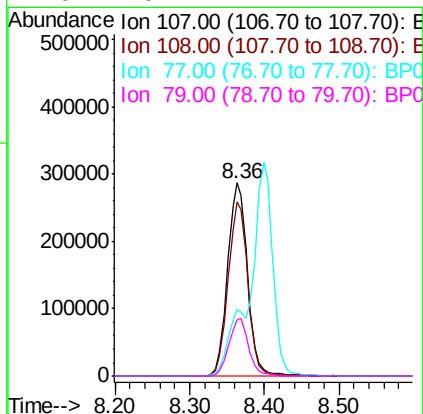
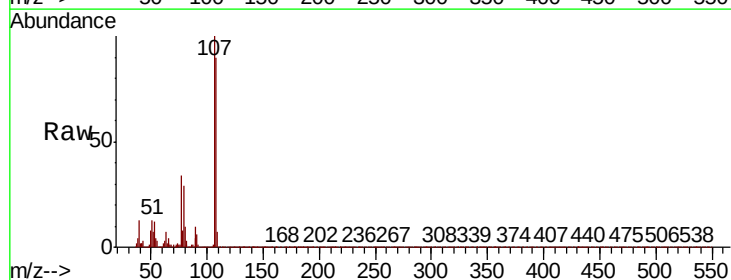
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

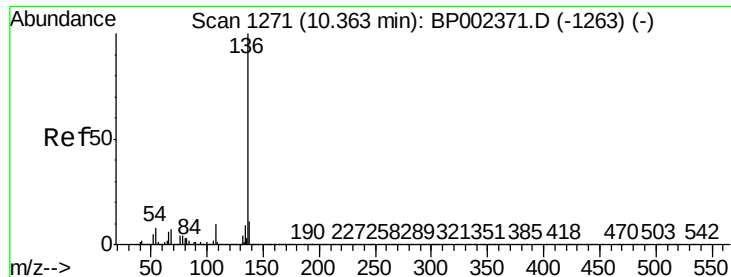
Tot Ion:	70	Resp:	346408
Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.7	68.5
101	9.8	7.5	11.3
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.019 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:	107	Resp:	532685
Ion	Ratio	Lower	Upper
107	100		
108	90.2	67.5	107.5
77	34.4	13.5	53.5
79	29.4	7.4	47.4

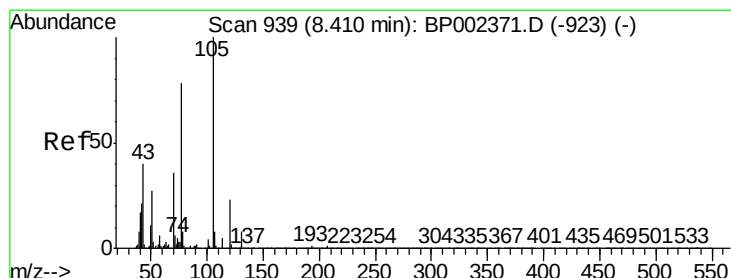
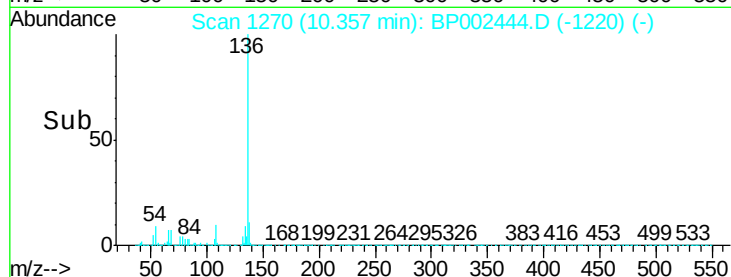
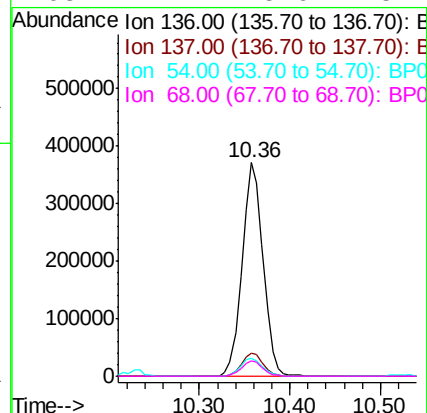
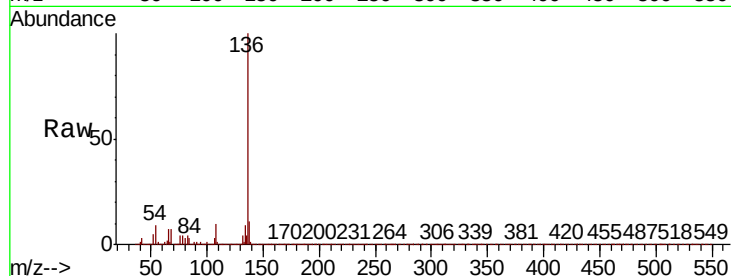




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

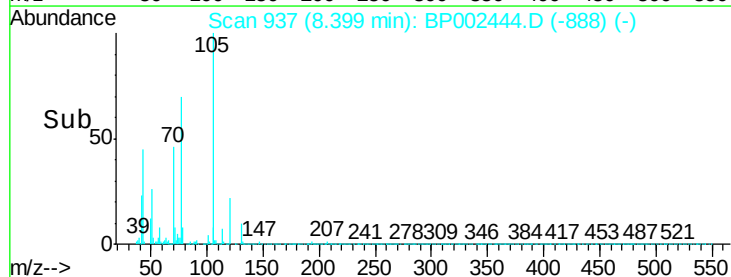
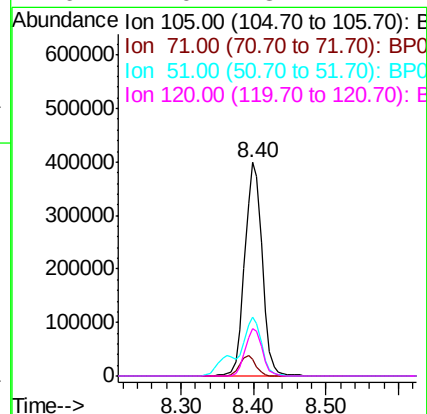
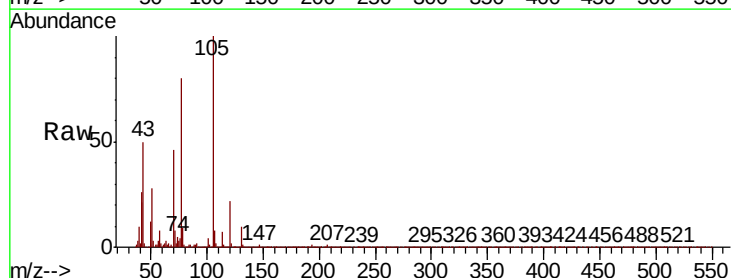
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

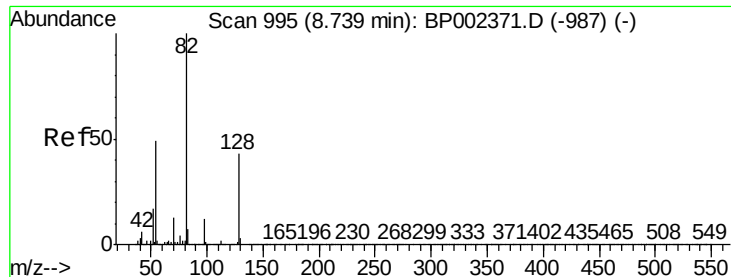
Tot Ion:136	Resp: 597815
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.6	6.4 9.6
68 7.2	5.6 8.4



#22
Acetophenone
Concen: 49.389 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt	Ion:105	Resp:	663339
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.7	7.1#
51	27.9	21.4	32.0
120	22.0	18.1	27.1

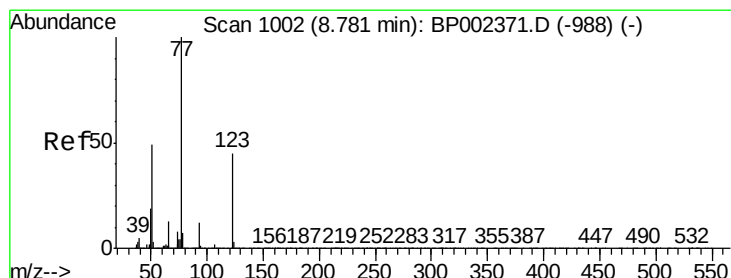
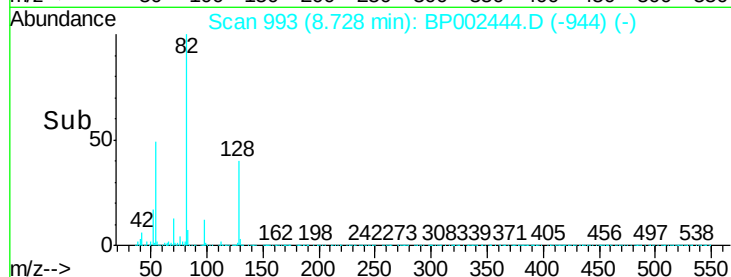
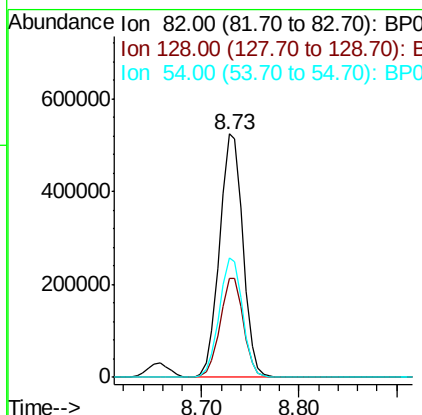
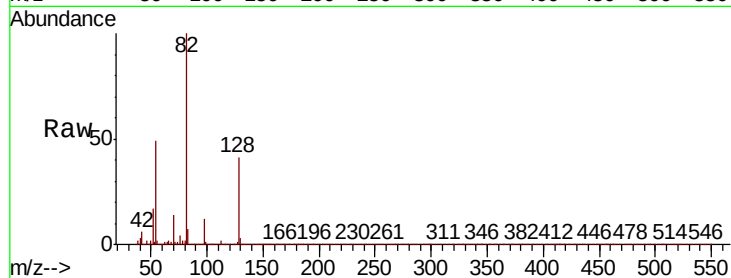




#23
 Nitrobenzene-d5
 Concen: 86.670 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

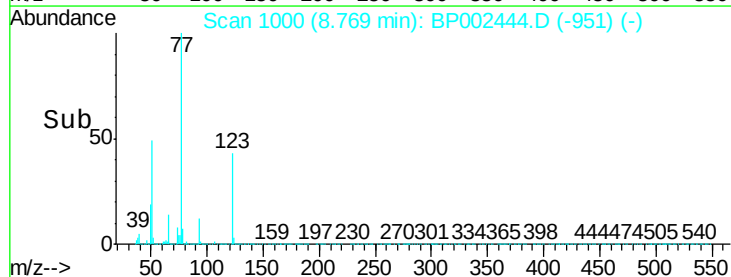
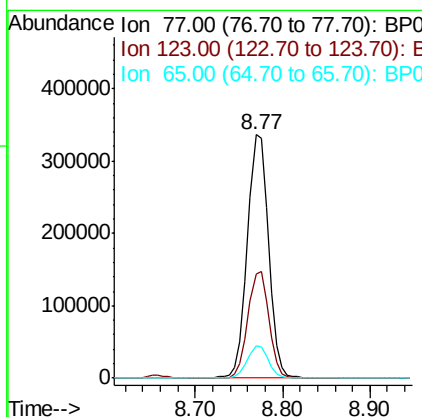
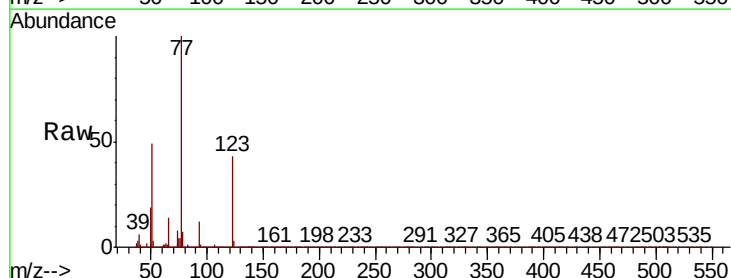
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

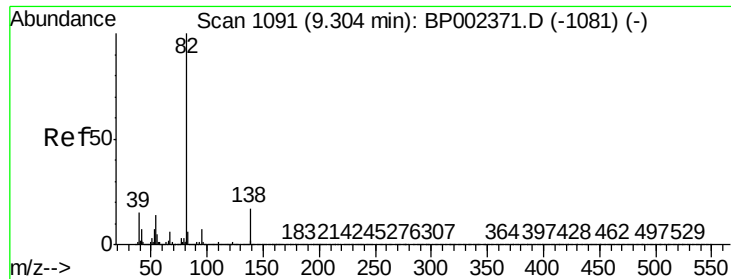
Tot Ion	82	Resp	867606
Ion Ratio	Lower	Upper	
82	100		
128	40.5	34.5	51.7
54	49.2	39.4	59.2



#24
 Nitrobenzene
 Concen: 50.894 ng
 RT: 8.77 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Tgt Ion	77	Resp	547654
Ion Ratio	Lower	Upper	
77	100		
123	42.6	35.8	53.8
65	13.5	10.5	15.7





#25

Isophorone

Concen: 47.905 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

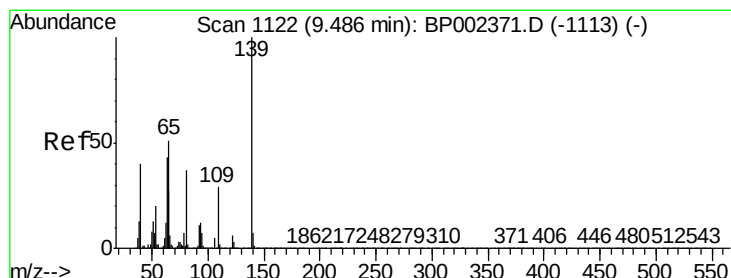
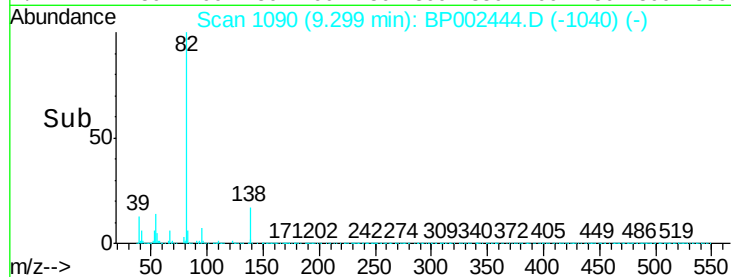
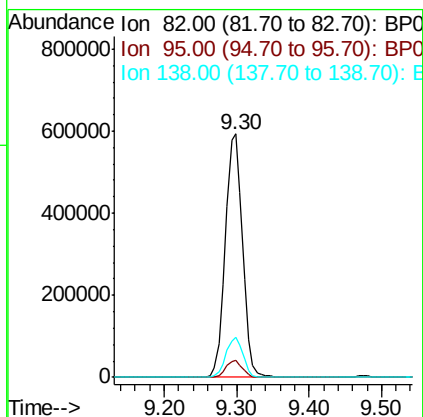
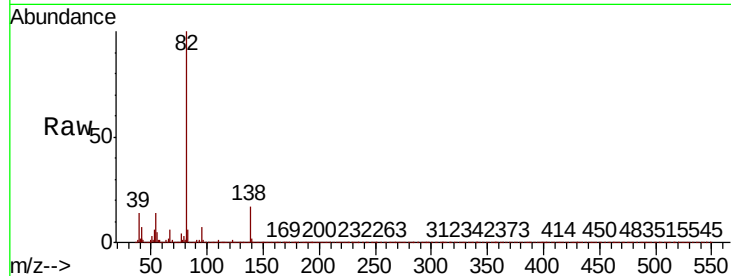
Tot Ion: 82 Resp: 976680

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.7 13.4 20.0



#26

2-Nitrophenol

Concen: 51.164 ng

RT: 9.48 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

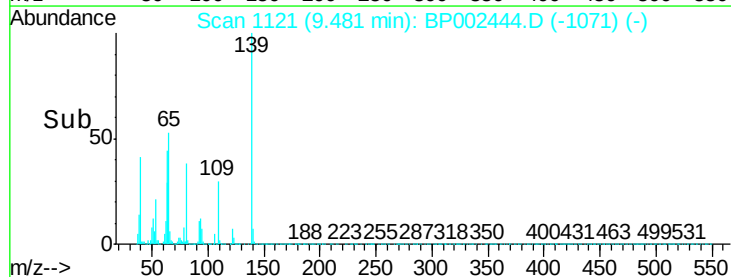
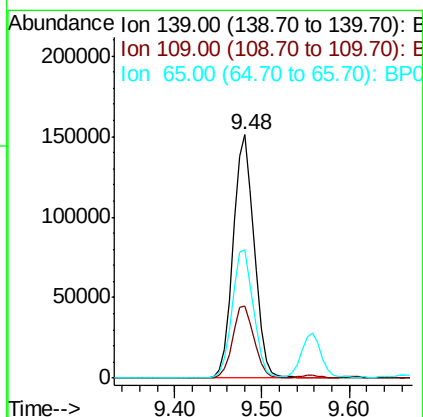
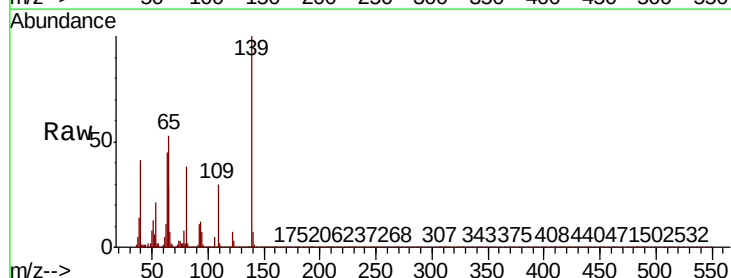
Tgt Ion: 139 Resp: 245331

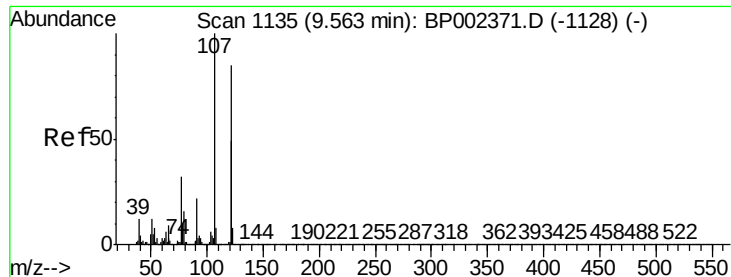
Ion Ratio Lower Upper

139 100

109 29.8 23.4 35.2

65 52.7 41.1 61.7

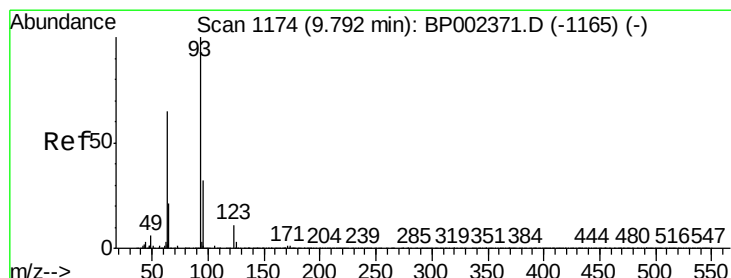
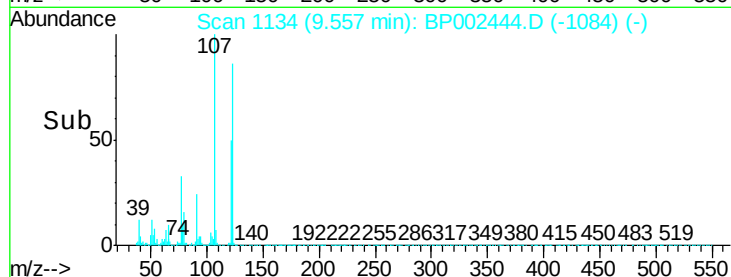
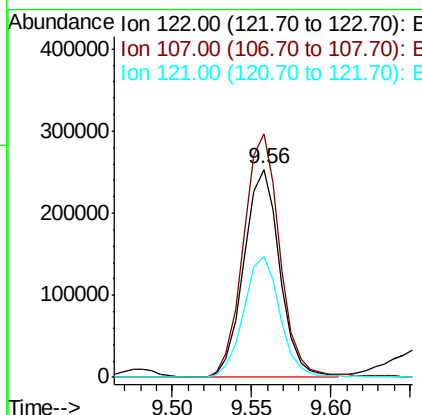
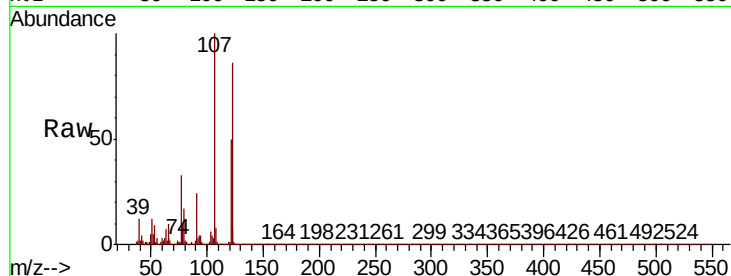




#27
2,4-Dimethylphenol
Concen: 53.023 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

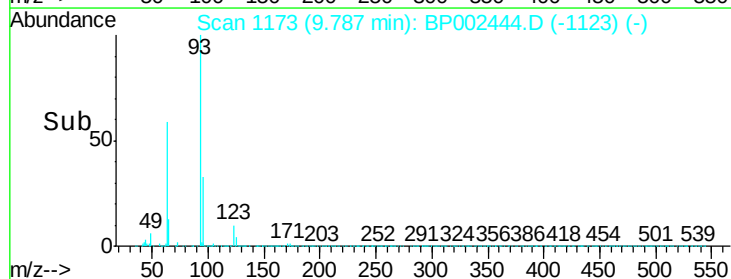
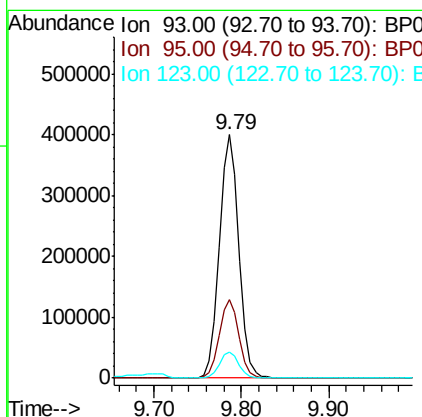
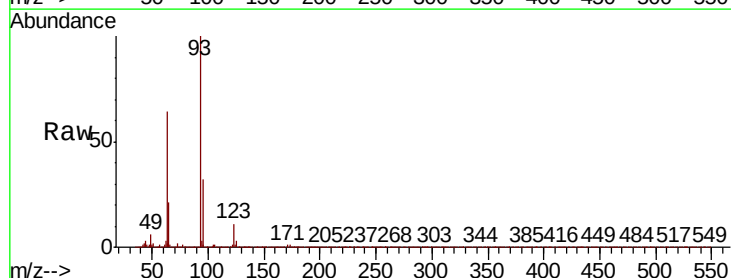
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

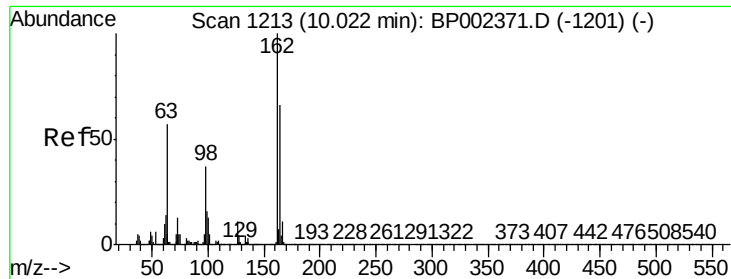
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	94.0	141.0
121	58.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.767 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.8
123	10.5	8.7	13.1

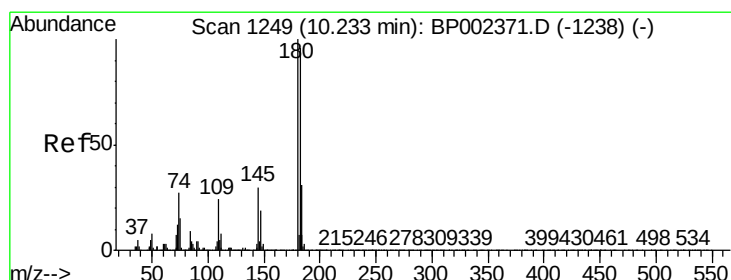
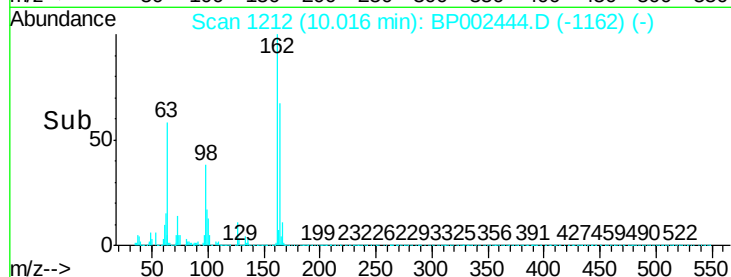
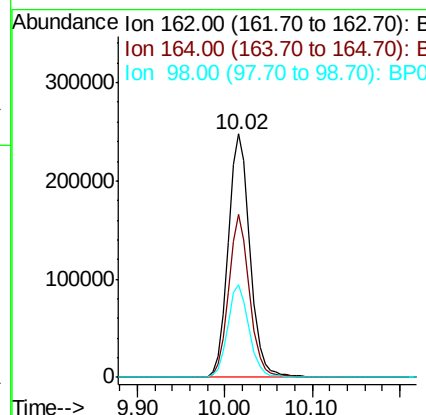
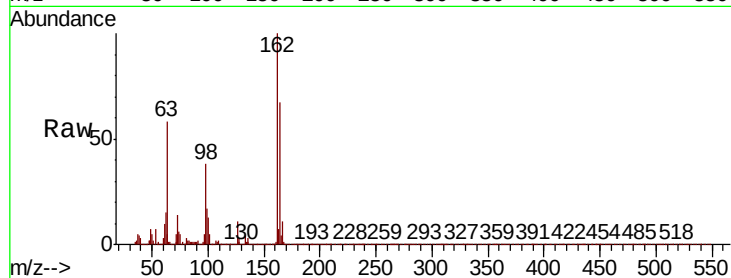




#29
2,4-Dichlorophenol
Concen: 50.285 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

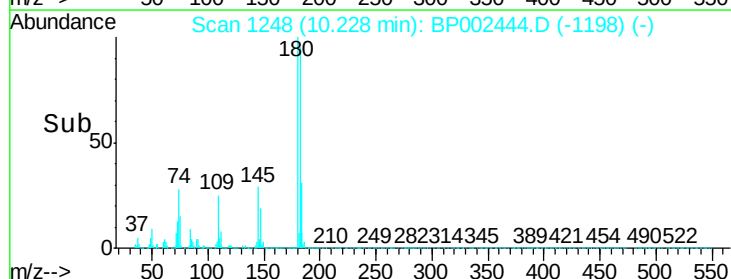
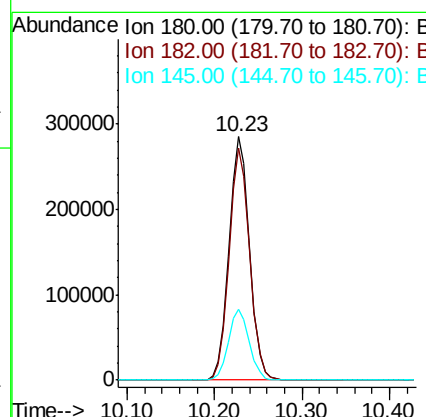
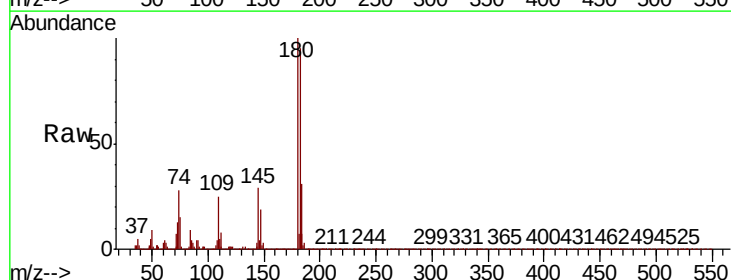
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

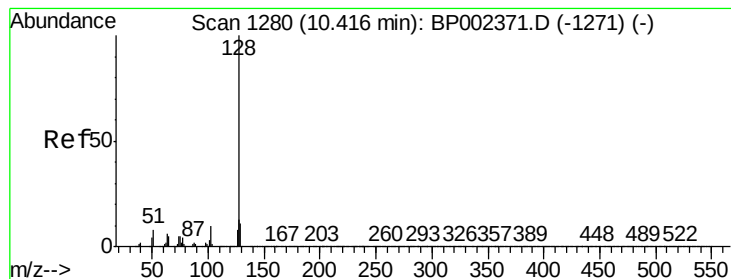
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	45.5	85.5
98	37.8	16.6	56.6



#30
1,2,4-Trichlorobenzene
Concen: 48.679 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
145	29.2	23.8	35.6





#31

Naphthalene

Concen: 49.376 ng

RT: 10.41 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

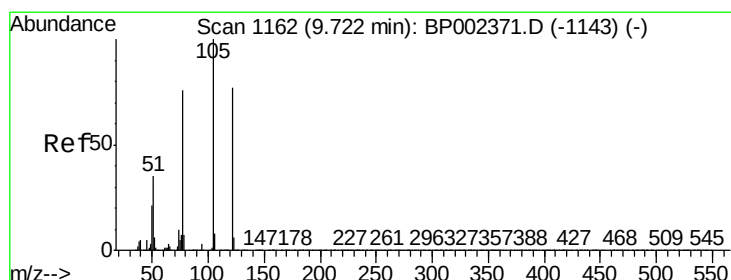
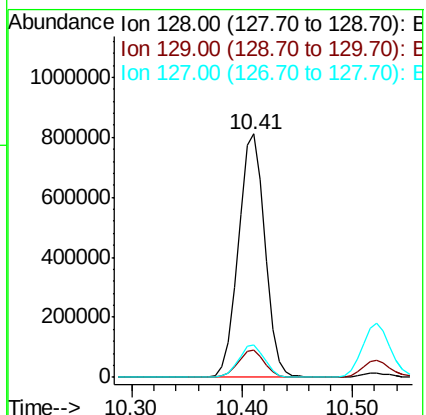
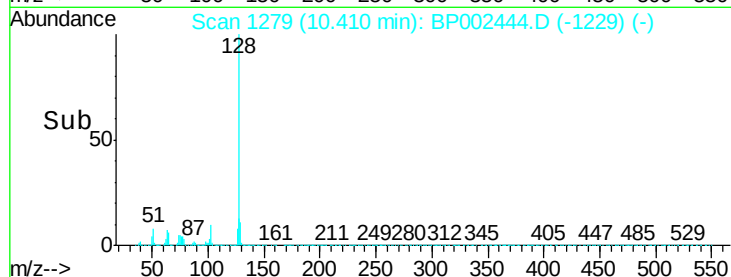
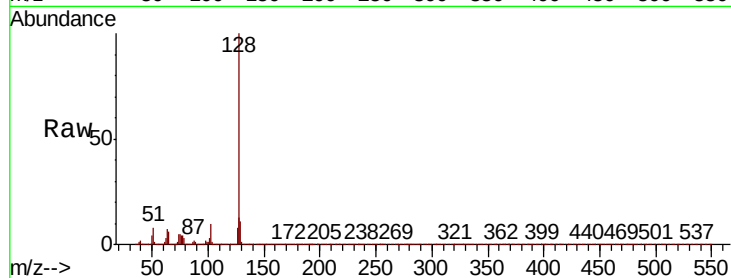
BNA_P

ClientSampleId :

TP-2MSD

Tot Ion:128 Resp: 1371312

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.3	10.3	15.5



#32

Benzoic acid

Concen: 47.835 ng

RT: 9.70 min Scan# 1159

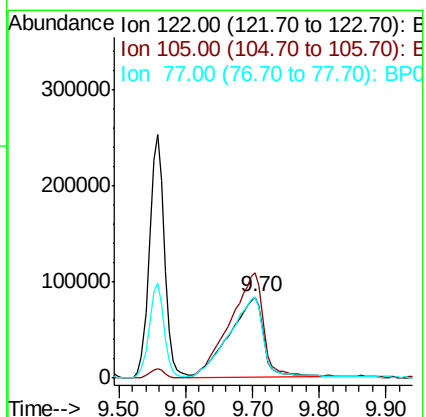
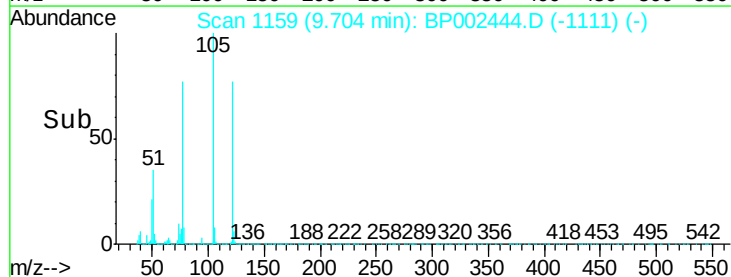
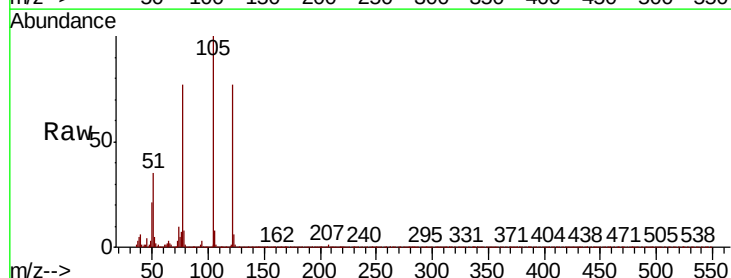
Delta R.T. -0.02 min

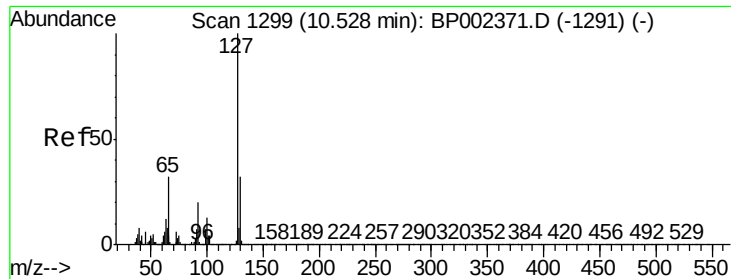
Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion:122 Resp: 296543

Ion	Ratio	Lower	Upper
122	100		
105	130.3	106.3	146.3
77	100.4	77.5	117.5

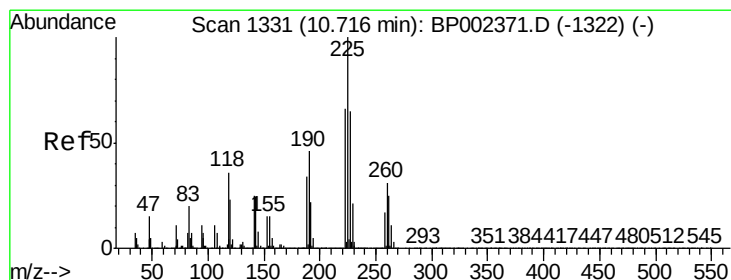
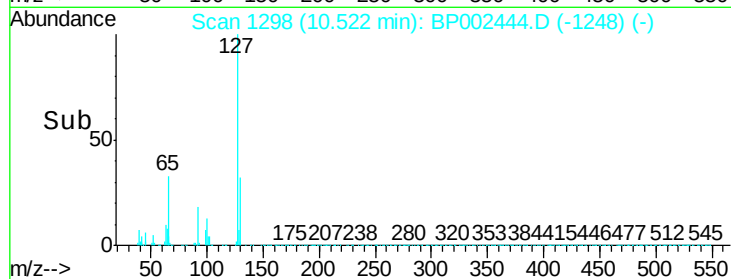
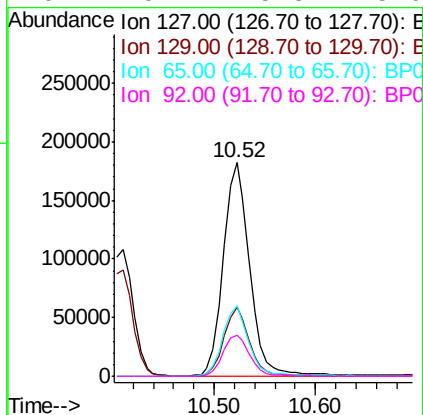
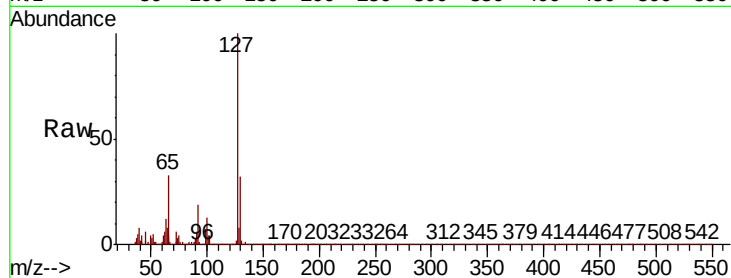




#33
4-Chloroaniline
Concen: 26.983 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

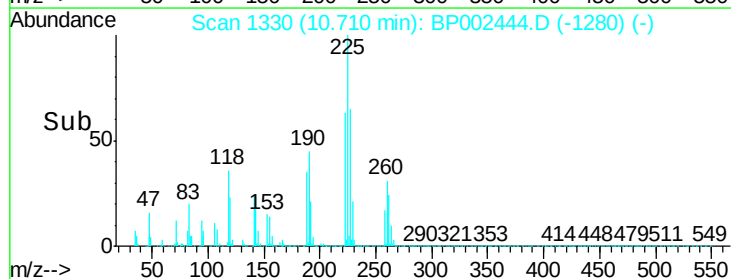
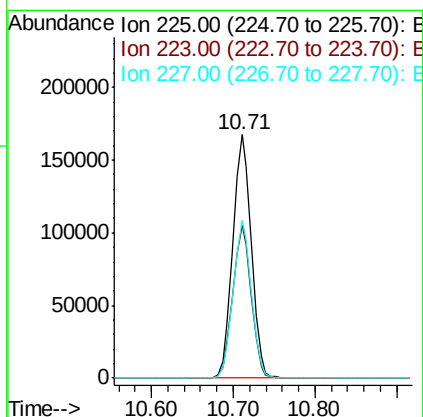
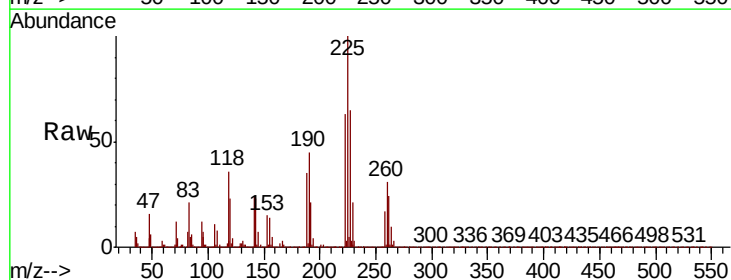
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

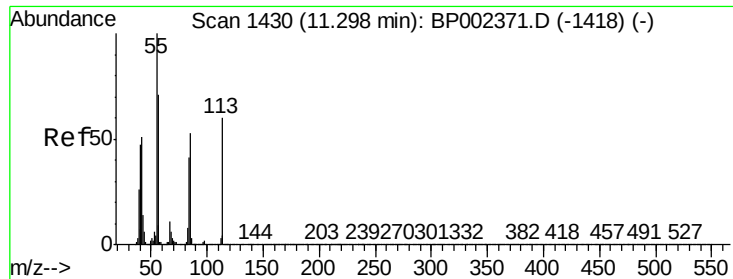
Tot Ion:	127	Resp:	327160
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	32.7	25.3	37.9
92	19.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 48.052 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:	225	Resp:	264679
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.6	78.8
227	64.7	52.2	78.2

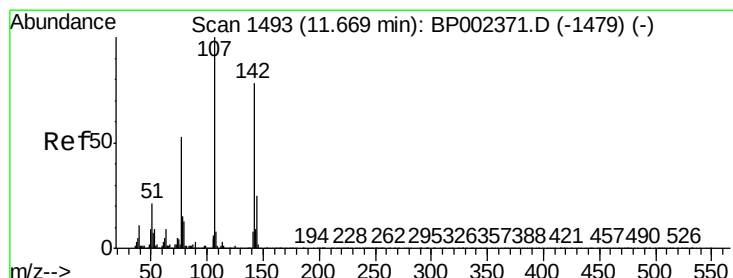
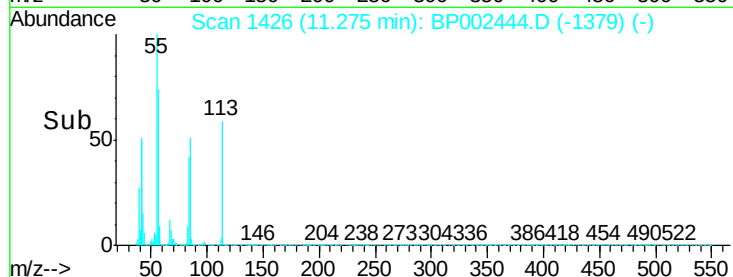
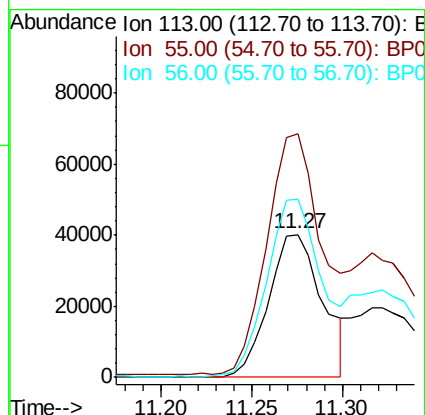
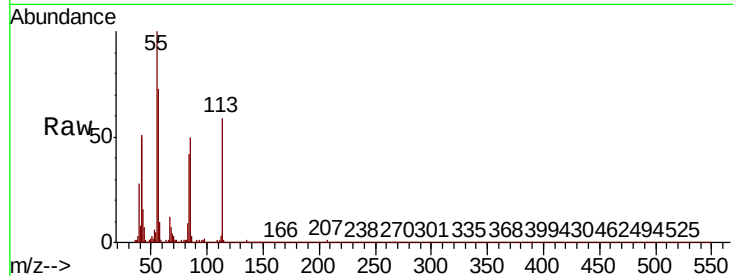




#35
 Caprolactam
 Concen: 27.796 ng
 RT: 11.27 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

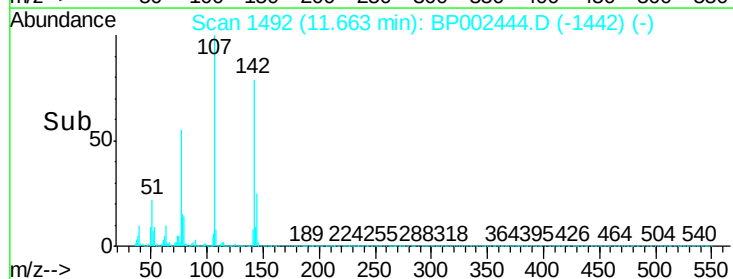
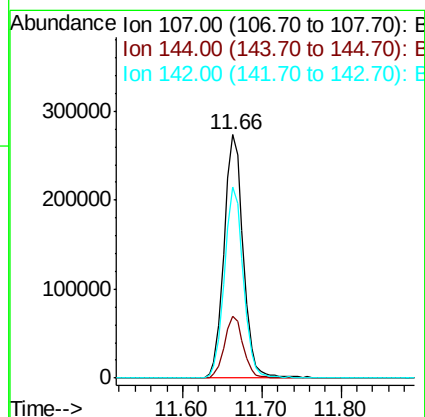
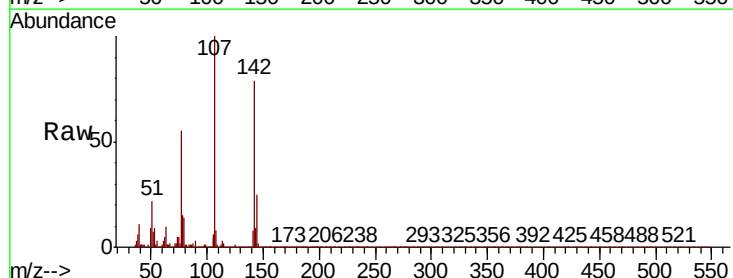
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

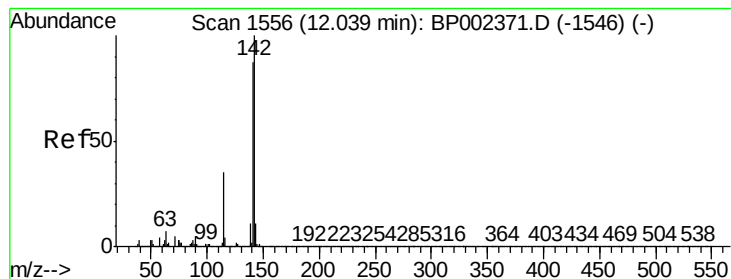
Tot Ion:113 Resp: 83016
 Ion Ratio Lower Upper
 113 100
 55 170.5 147.9 187.9
 56 124.8 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.780 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Tgt Ion:107 Resp: 456086
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.4 30.6
 142 78.5 62.2 93.4





#37

2-Methylnaphthalene

Concen: 49.280 ng

RT: 12.03 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

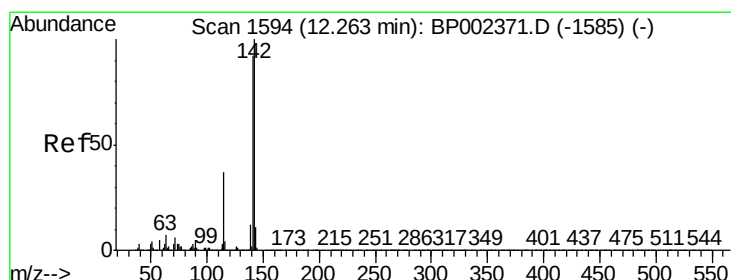
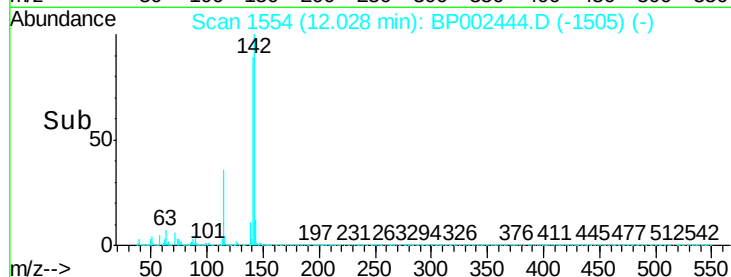
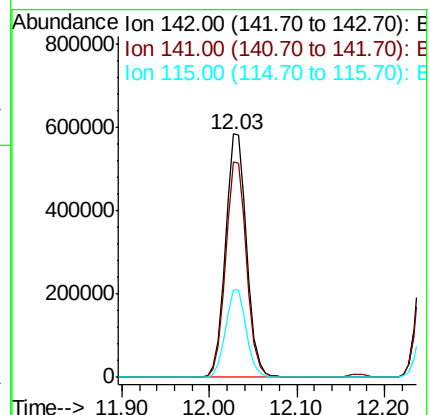
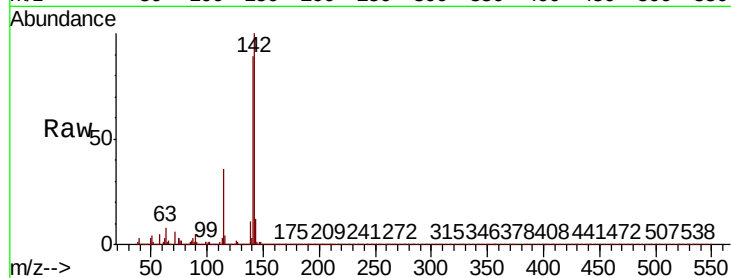
Tot Ion:142 Resp: 971436

Ion Ratio Lower Upper

142 100

141 88.7 69.7 104.5

115 36.0 27.8 41.8



#38

1-Methylnaphthalene

Concen: 49.883 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

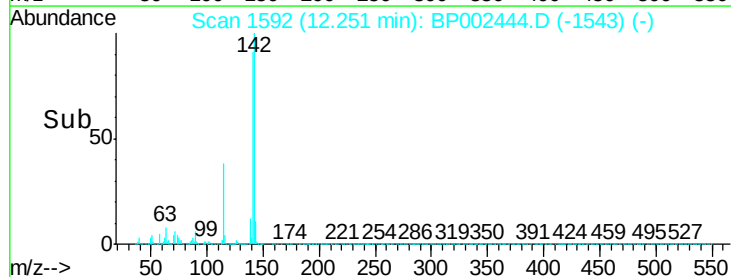
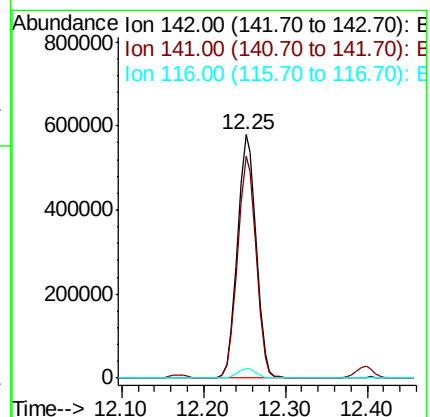
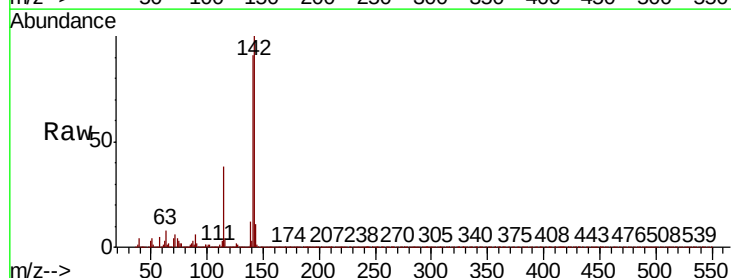
Tgt Ion:142 Resp: 922963

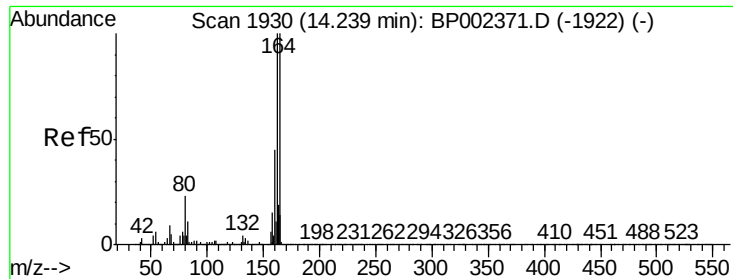
Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4

116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

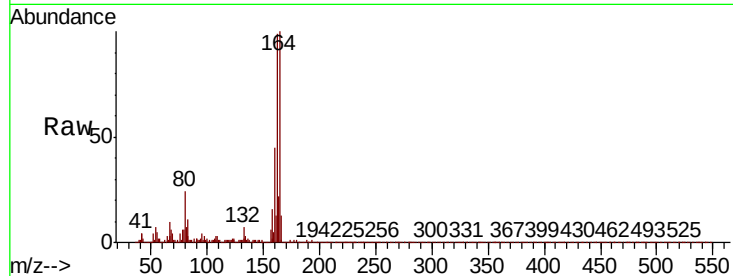
Tot Ion:164 Resp: 344218

Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.8

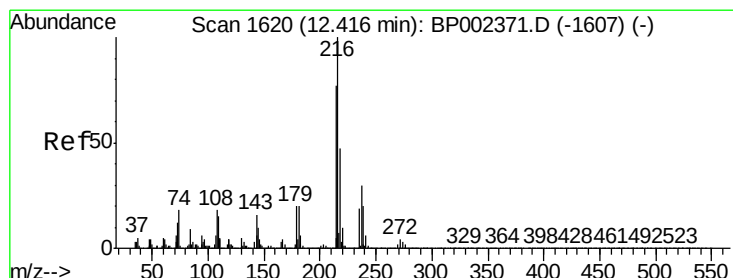
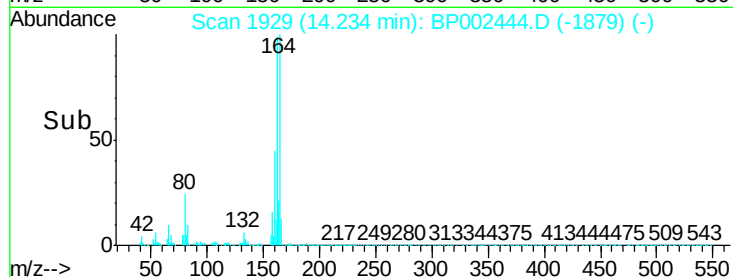
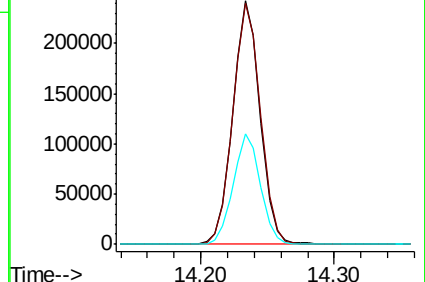
160 45.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.466 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion:216 Resp: 466994

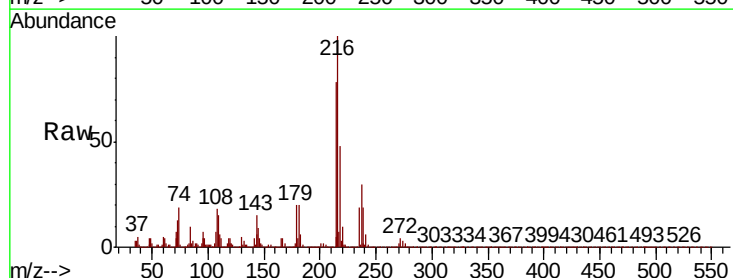
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 20.5 16.4 24.6

108 20.5 15.5 23.3

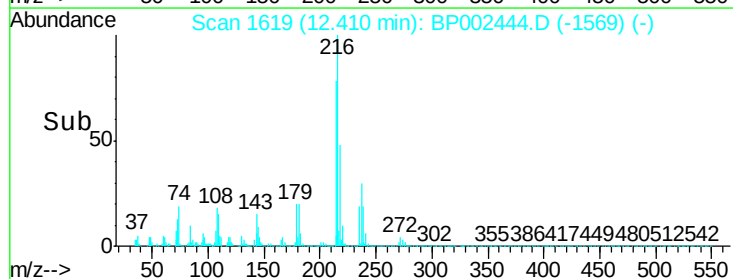
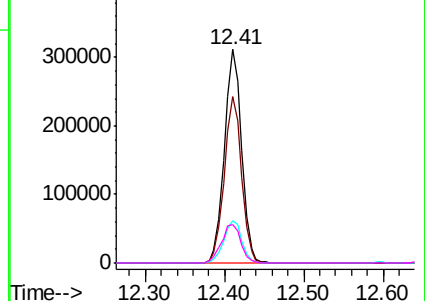


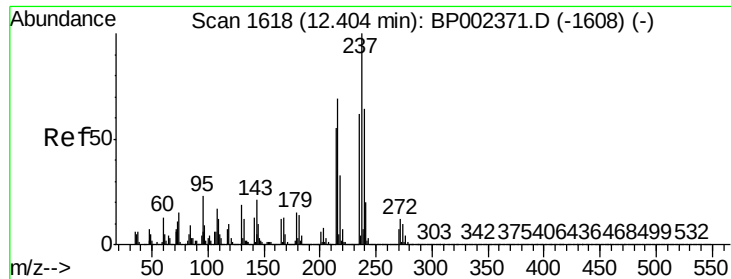
Abundance Ion 216.00 (215.70 to 216.70): E

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

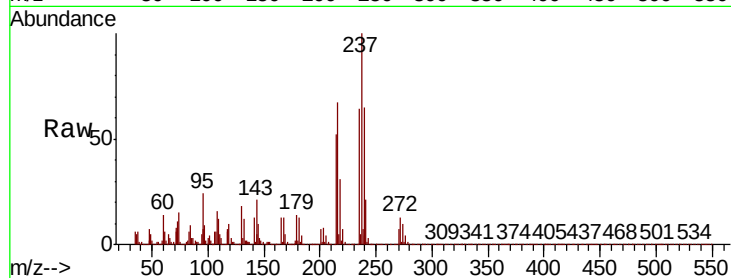




#41
Hexachlorocyclopentadiene
Concen: 67.352 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_P
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.0	82.0
272	13.3	0.0	32.5

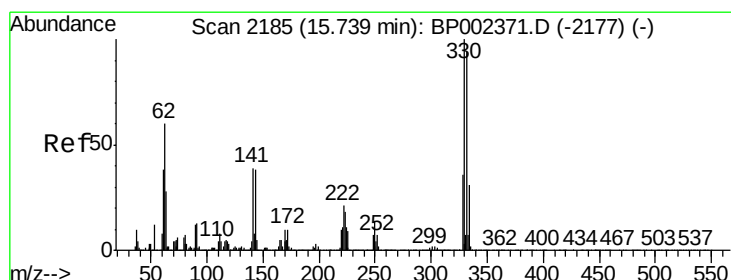
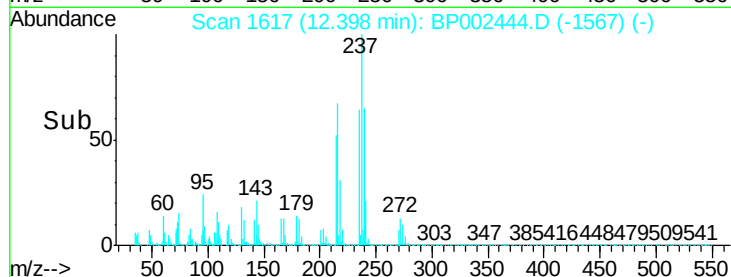
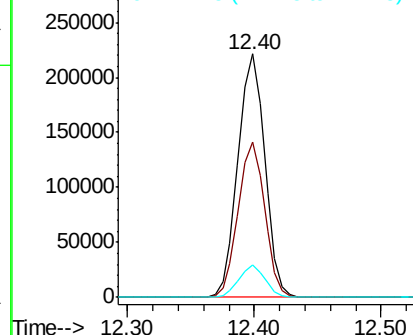


Abundance

Ion 236.80 (236.50 to 237.50): E

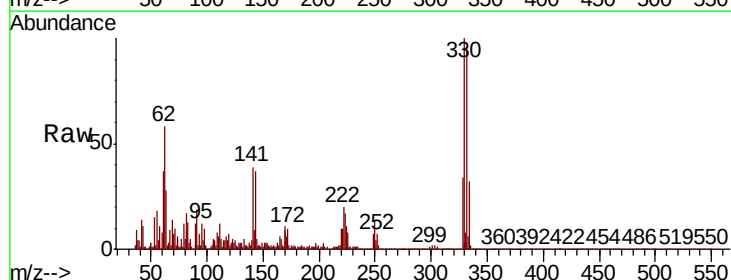
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 62.739 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	37.8	30.3	45.5

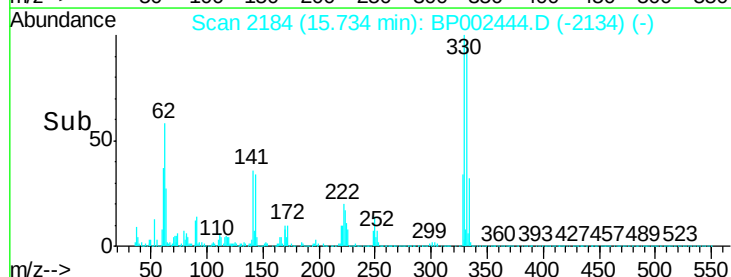
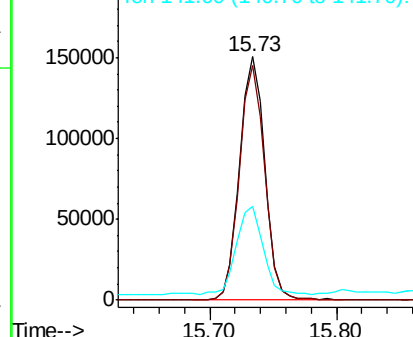


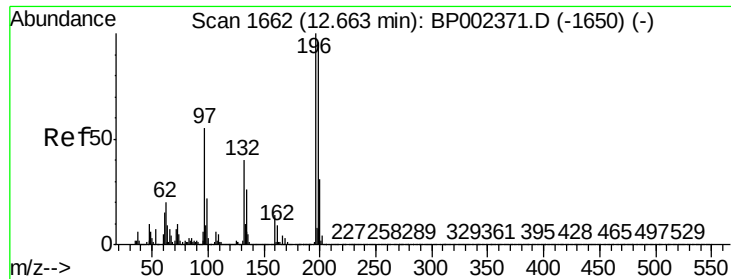
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

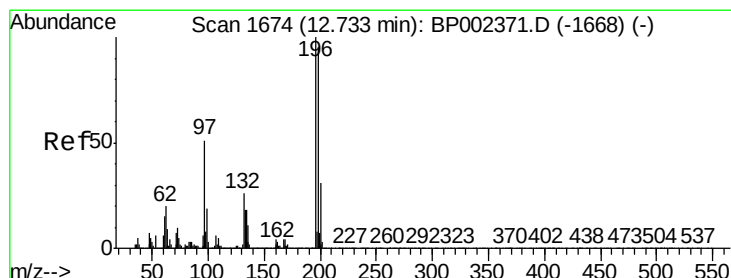
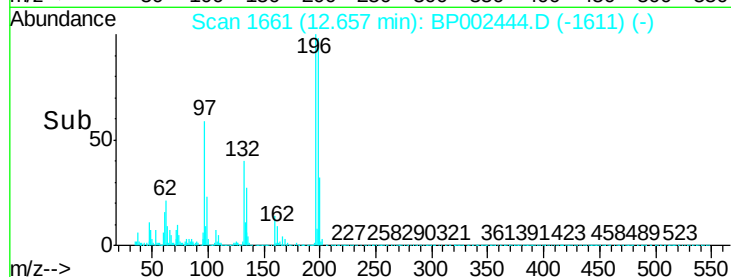
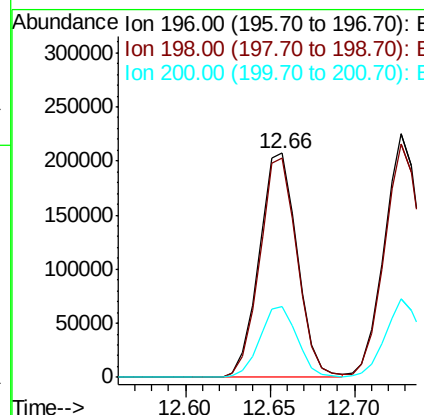
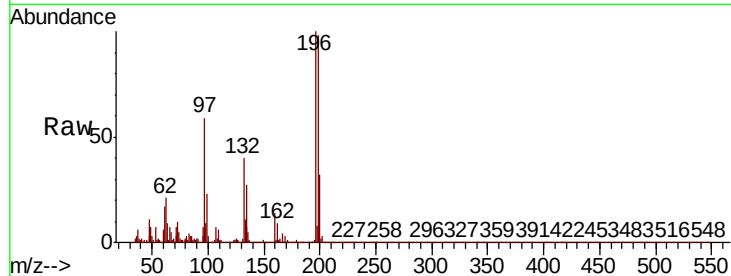




#43
 2,4,6-Trichlorophenol
 Concen: 50.417 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

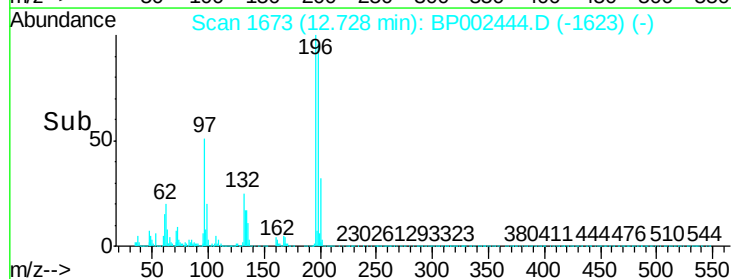
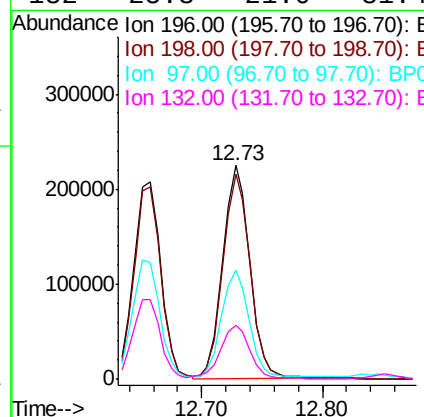
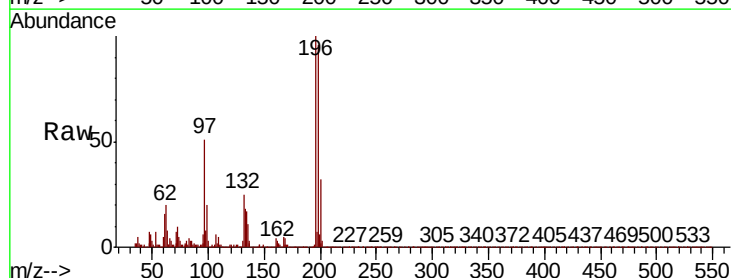
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

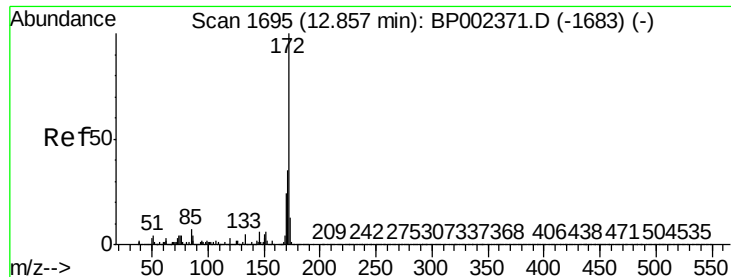
Tot Ion:196 Resp: 323761
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.6 115.0
 200 31.7 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.762 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Tgt Ion:196 Resp: 347718
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.2
 97 51.2 40.6 61.0
 132 25.3 21.0 31.4

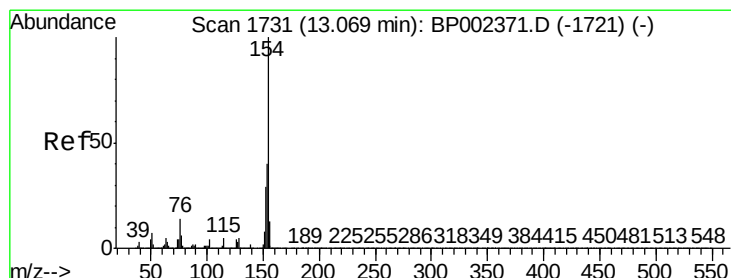
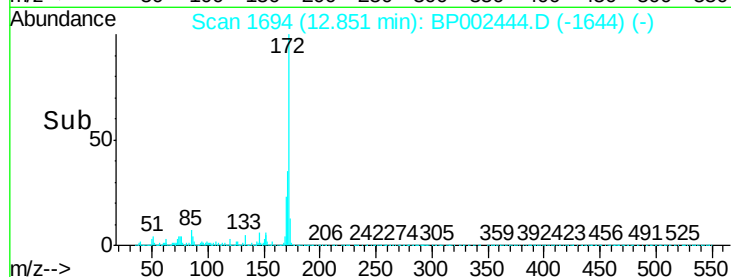
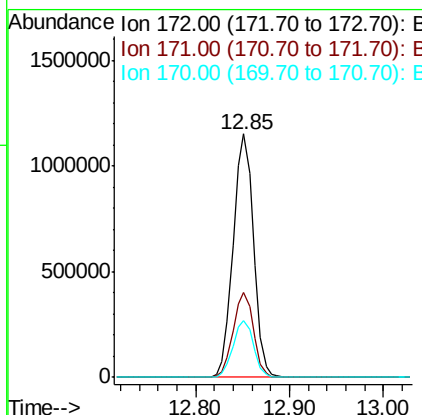
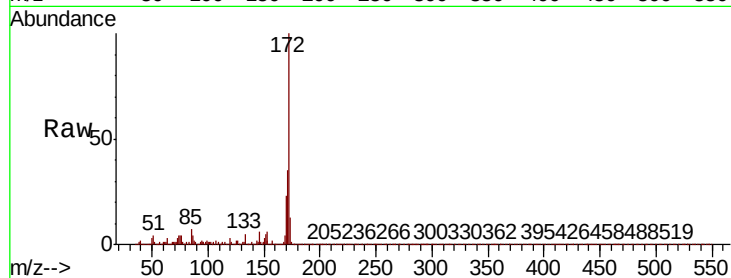




#45
2-Fluorobiphenyl
Concen: 84.703 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

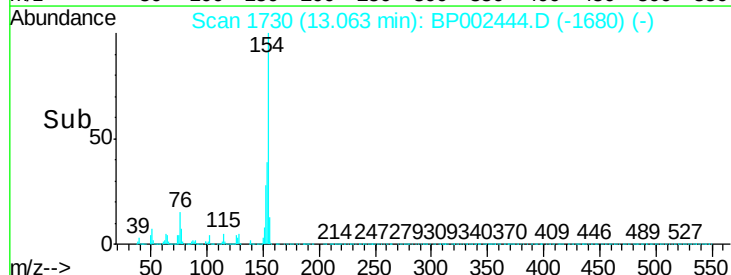
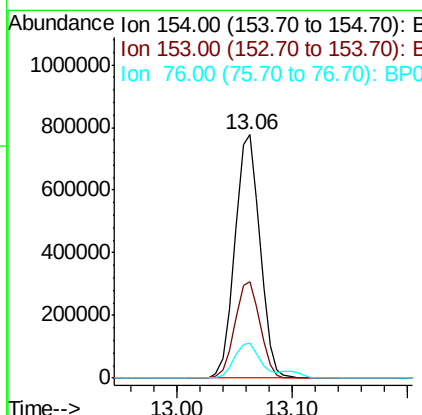
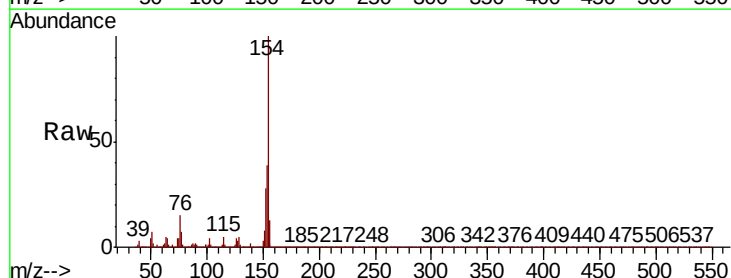
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

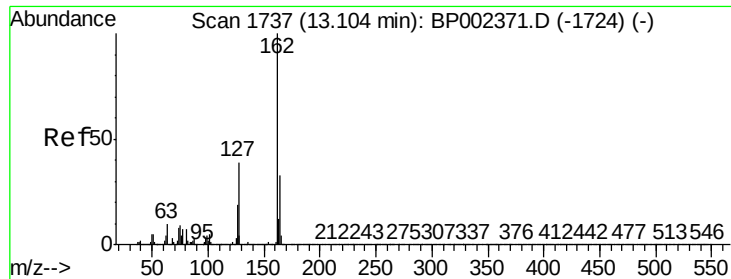
Tot Ion:172 Resp: 1734026
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.721 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:154 Resp: 1166806
Ion Ratio Lower Upper
154 100
153 39.5 20.2 60.2
76 14.6 0.0 34.2





#47

2-Chloronaphthalene

Concen: 50.170 ng

RT: 13.10 min Scan# 1736

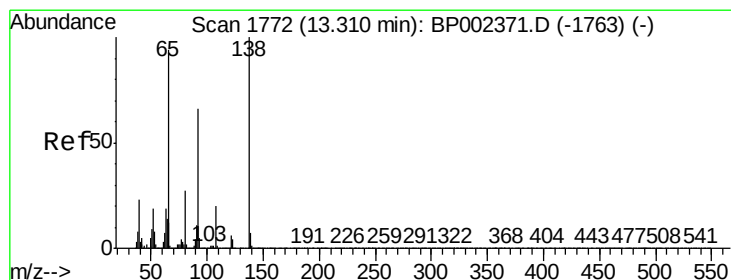
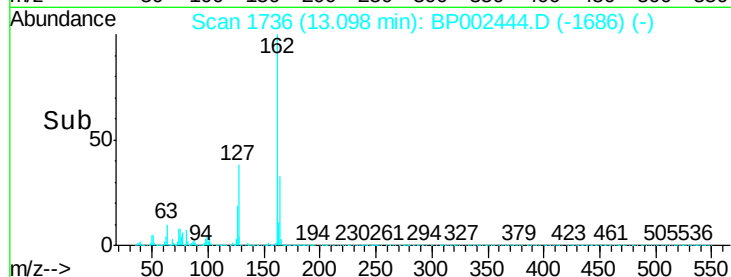
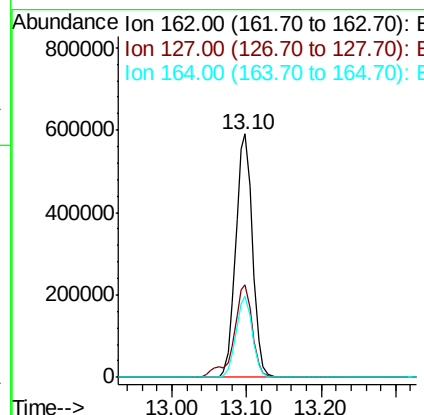
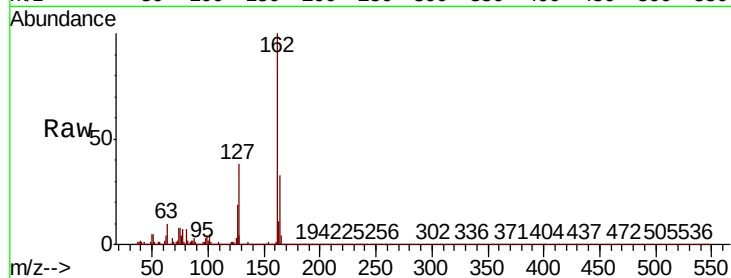
Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.0	46.4
164	33.2	26.6	40.0



#48

2-Nitroaniline

Concen: 51.315 ng

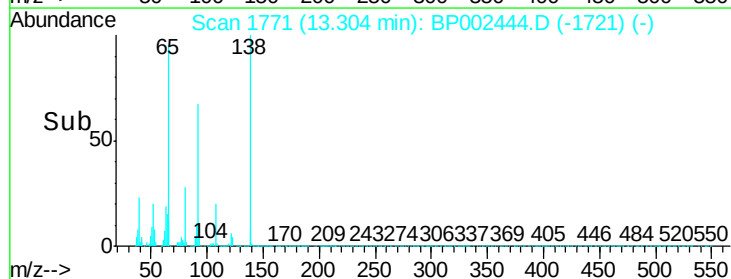
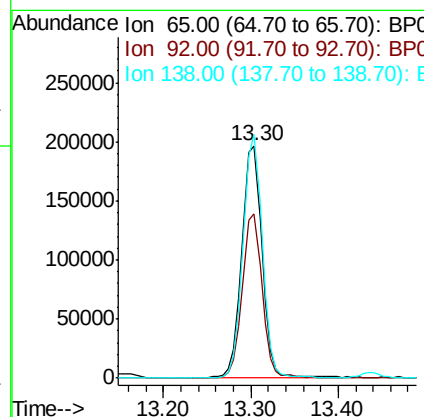
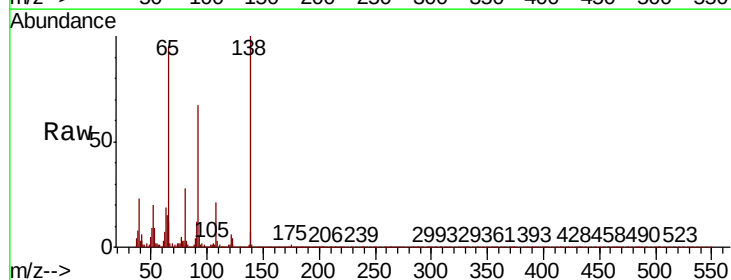
RT: 13.30 min Scan# 1771

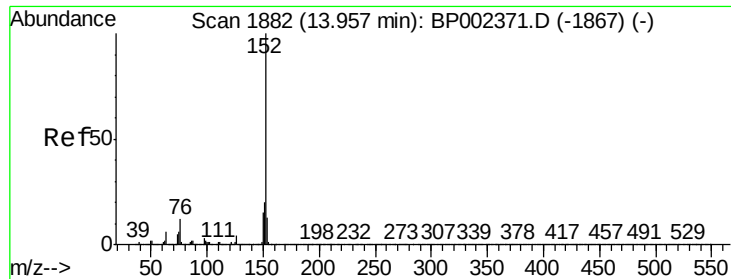
Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.3	84.5
138	104.8	85.0	127.6





#49

Acenaphthylene

Concen: 49.312 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

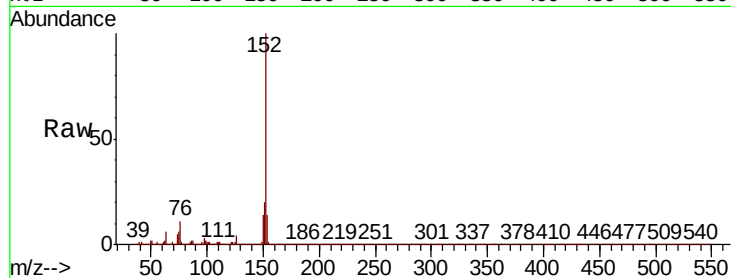
BNA_P

ClientSampled :

TP-2MSD

Tot Ion:152 Resp: 1452386

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.6	10.5	15.7

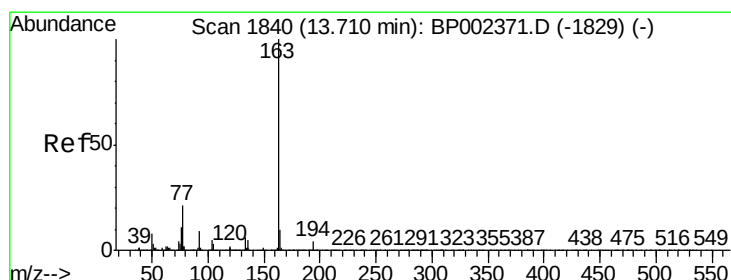
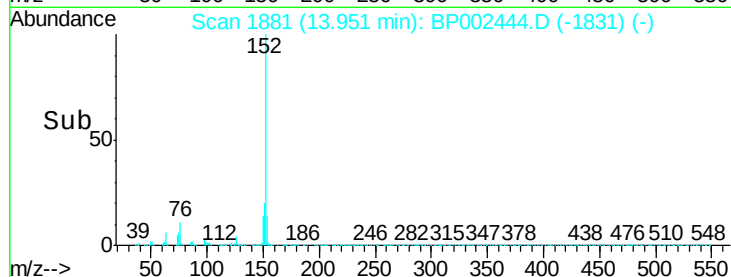
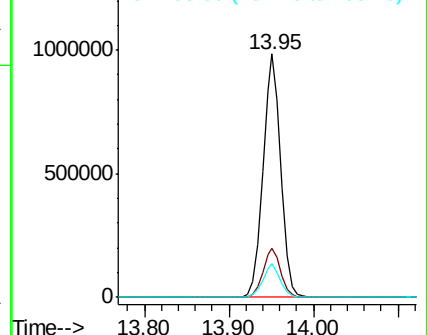


Abundance

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: 52.891 ng

RT: 13.70 min Scan# 1839

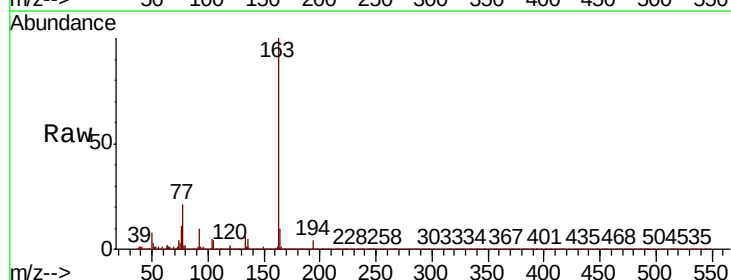
Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion:163 Resp: 1247483

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.1	12.1

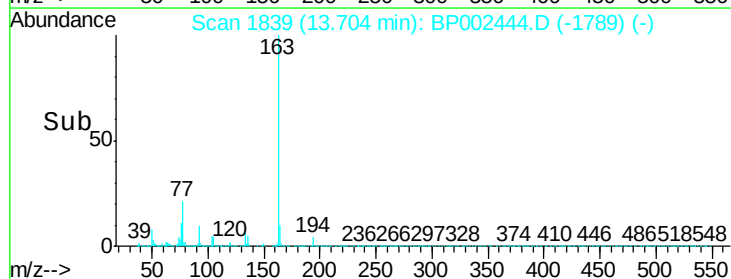
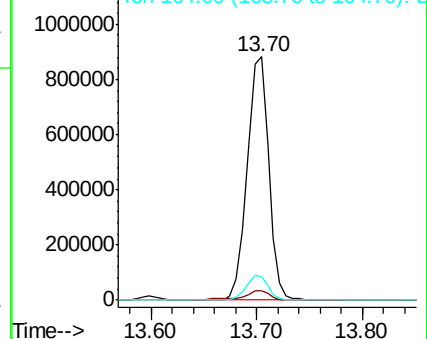


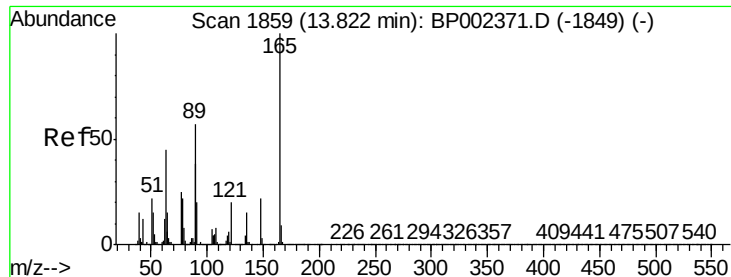
Abundance

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

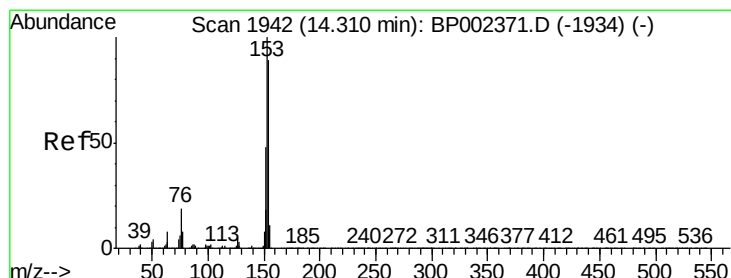
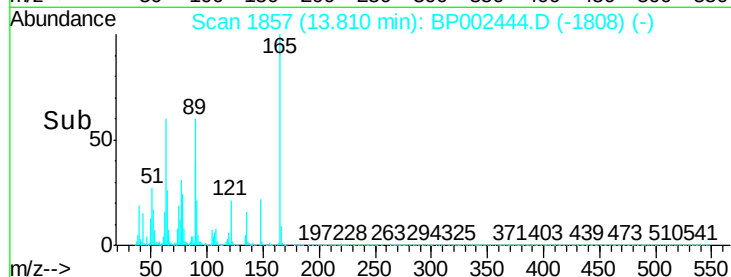
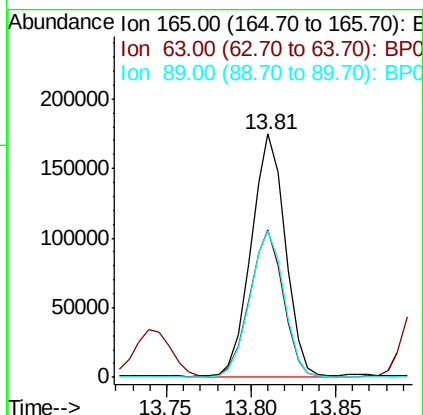
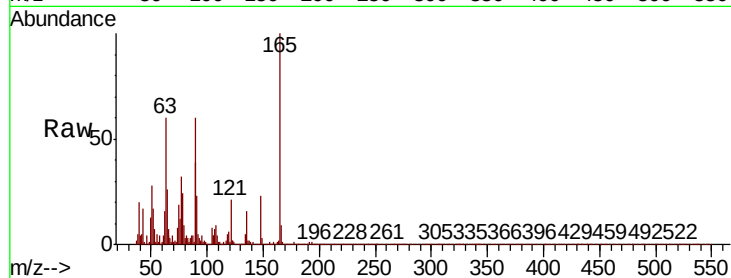




#51
2,6-Dinitrotoluene
Concen: 47.802 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

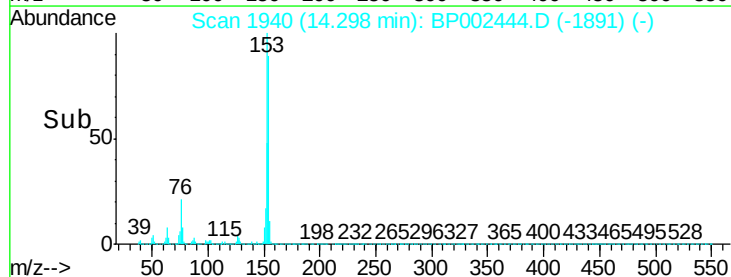
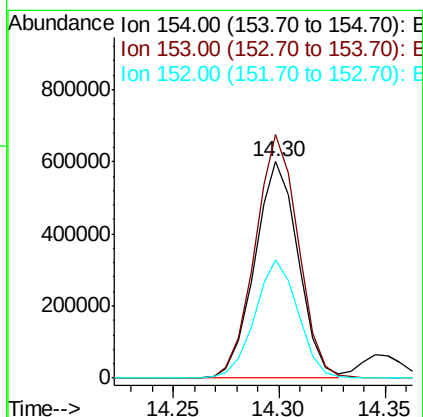
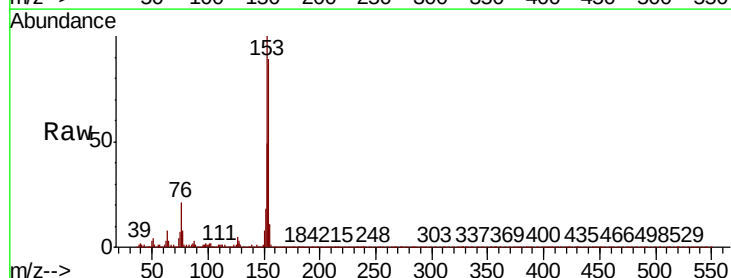
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

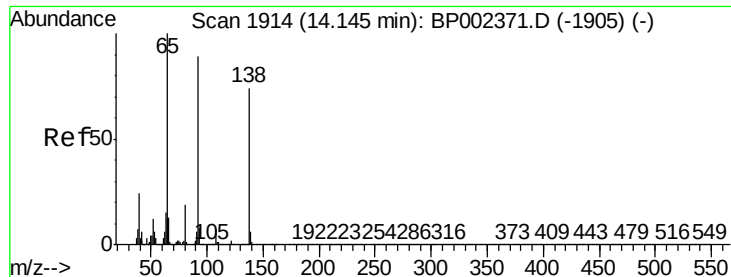
Tot Ion:165 Resp: 244851
Ion Ratio Lower Upper
165 100
63 60.5 43.1 64.7
89 60.0 45.3 67.9



#52
Acenaphthene
Concen: 49.561 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:154 Resp: 855114
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 54.7 43.3 64.9

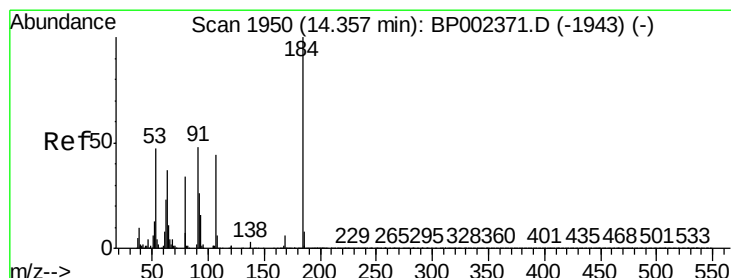
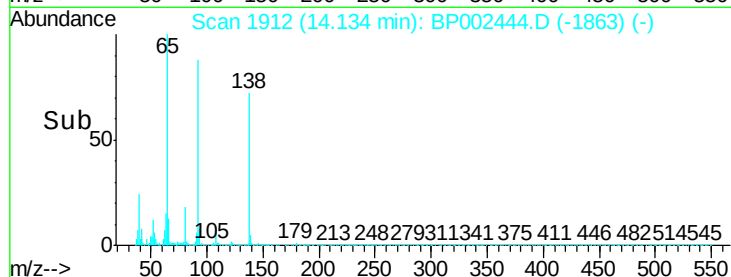
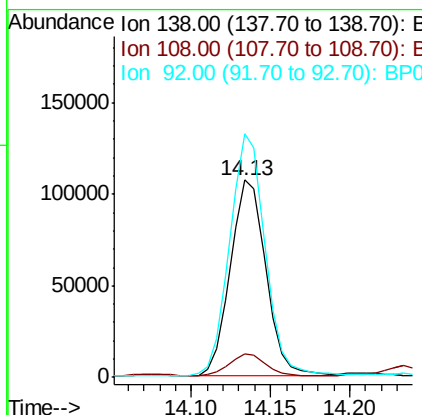
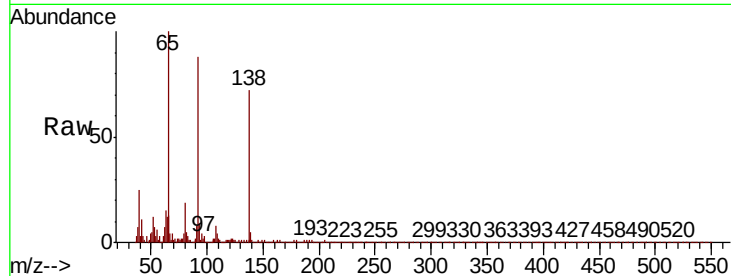




#53
3-Nitroaniline
Concen: 28.568 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

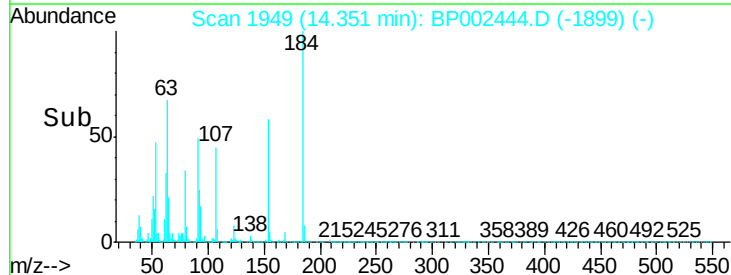
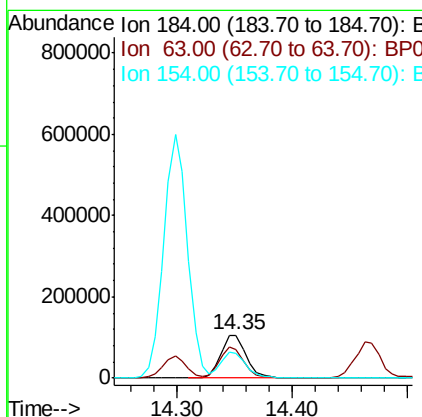
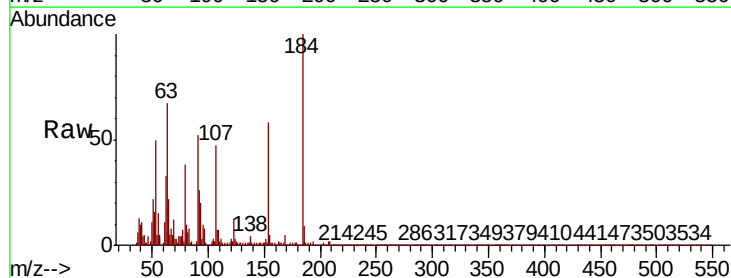
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

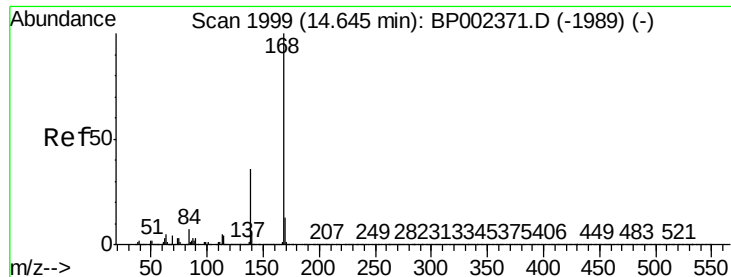
Tot Ion:138 Resp: 167090
Ion Ratio Lower Upper
138 100
108 11.8 8.0 12.0
92 123.4 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 54.841 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:184 Resp: 162848
Ion Ratio Lower Upper
184 100
63 67.1 52.3 78.5
154 58.4 48.6 72.8





#55

Dibenzofuran

Concen: 48.336 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

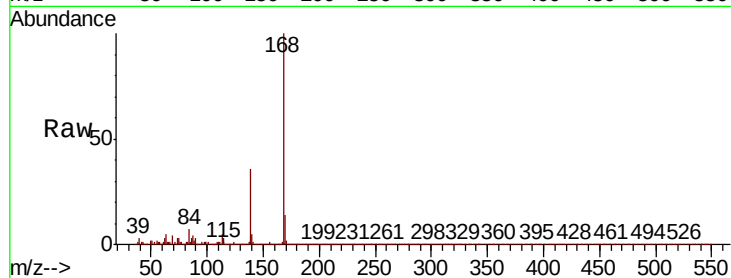
Tot Ion:168 Resp: 1342721

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.9	43.3
169	13.5	10.6	15.8

168 100

139 36.2 28.9 43.3

169 13.5 10.6 15.8

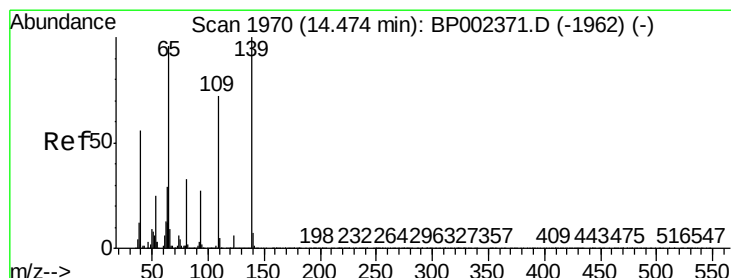
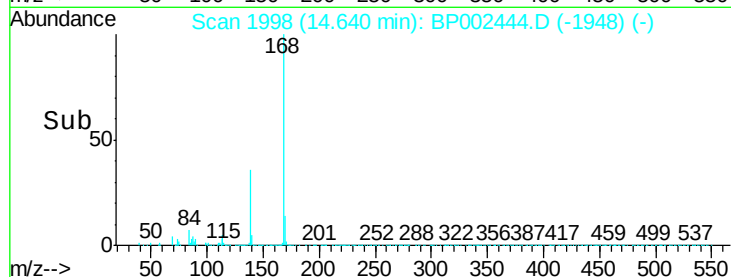
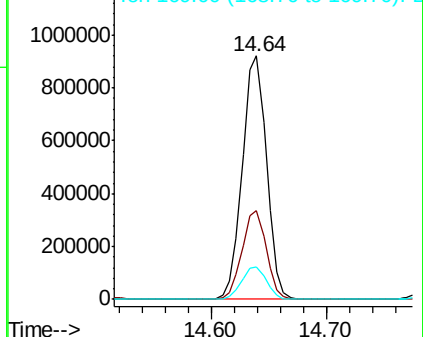


Abundance

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: 96.093 ng

RT: 14.47 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

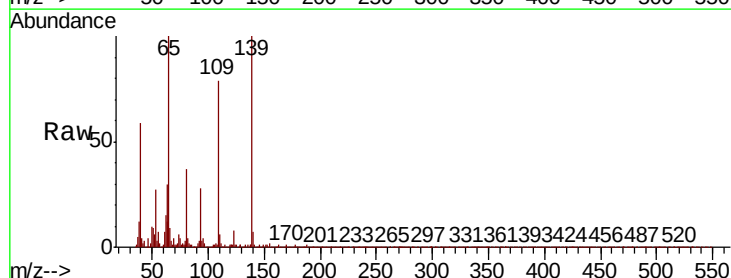
Tgt Ion:139 Resp: 446244

Ion	Ratio	Lower	Upper
139	100		
109	78.5	52.0	92.0
65	99.6	76.3	116.3

139 100

109 78.5 52.0 92.0

65 99.6 76.3 116.3

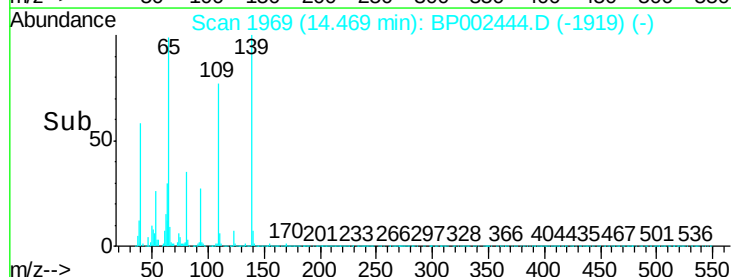
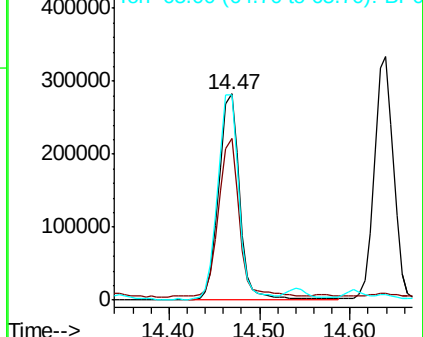


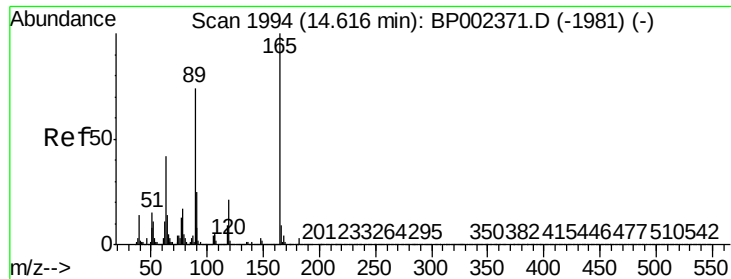
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

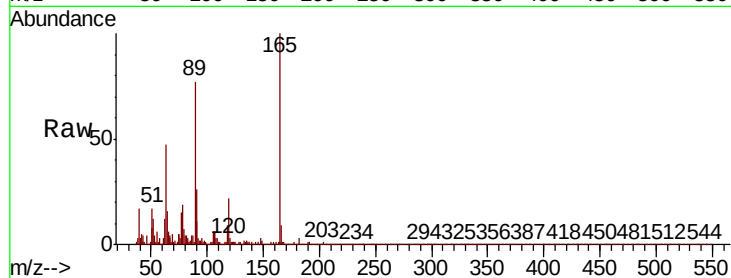




#57
2,4-Dinitrotoluene
Concen: 47.523 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tot Ion:165	Resp:	331337
Ion	Ratio	Lower Upper
165	100	
63	46.7	34.2 51.2
89	77.3	59.3 88.9
182	3.1	2.3 3.5

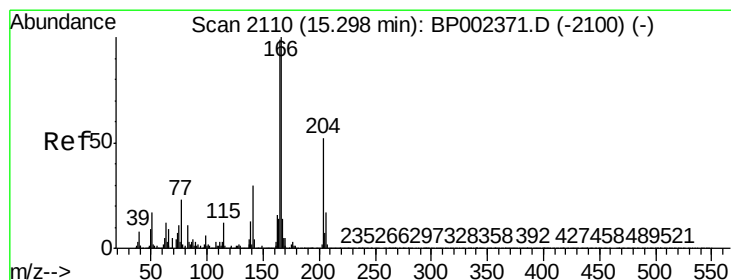
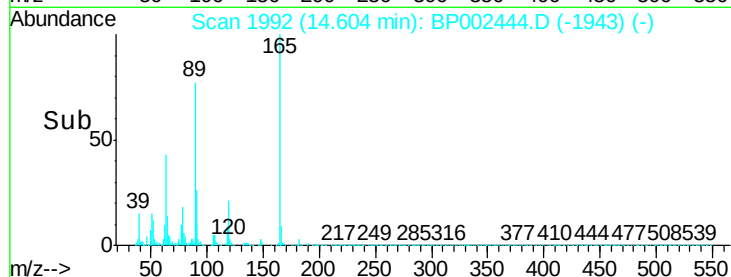
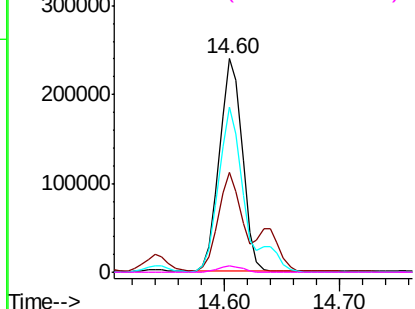


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

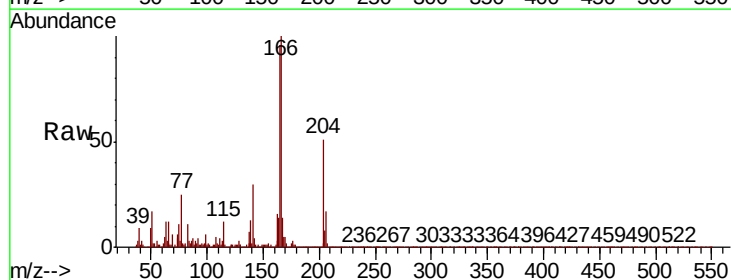
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.206 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

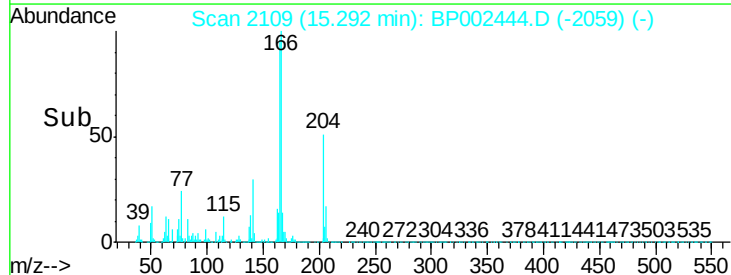
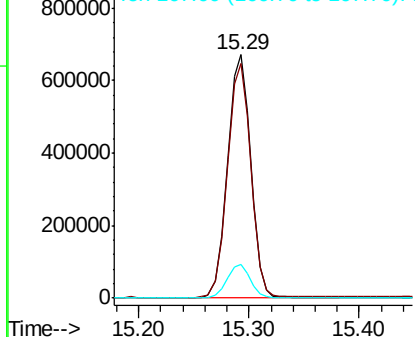
Tgt Ion:166	Resp:	987757
Ion	Ratio	Lower Upper
166	100	
165	96.4	79.1 118.7
167	13.7	11.0 16.4

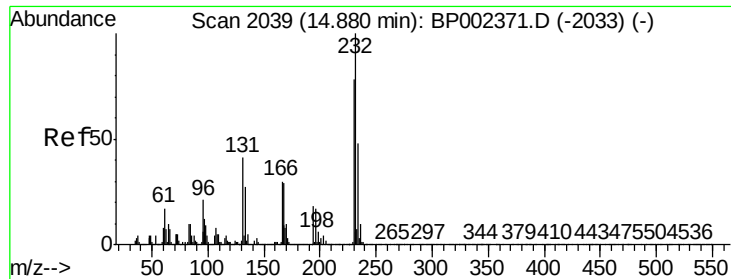


Abundance Ion 166.00 (165.70 to 166.70): E

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: 49.178 ng

RT: 14.87 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

Tot Ion:232 Resp: 290284

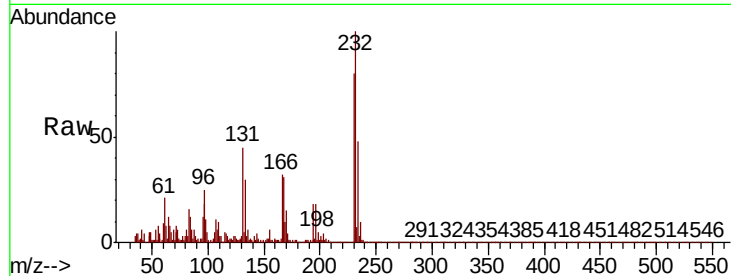
Ion Ratio Lower Upper

232 100

131 44.0 35.1 52.7

130 2.8 1.8 2.8#

166 30.9 24.4 36.6

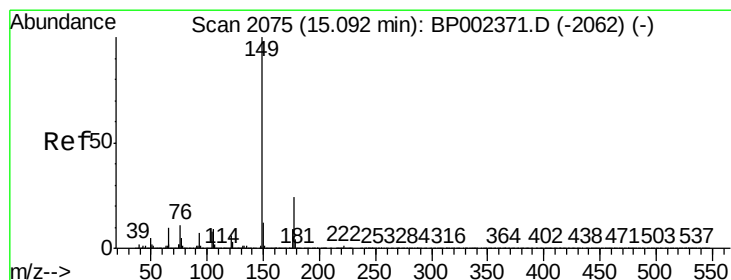
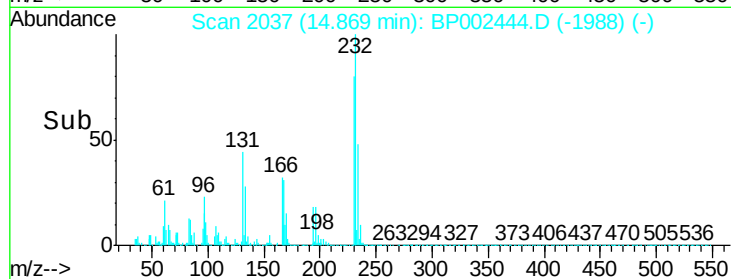
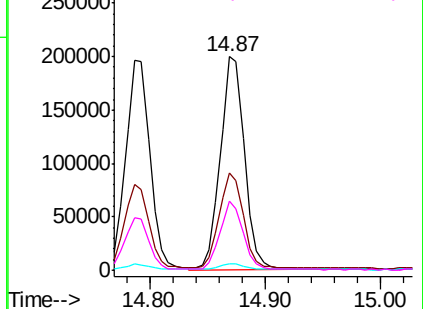


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.682 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

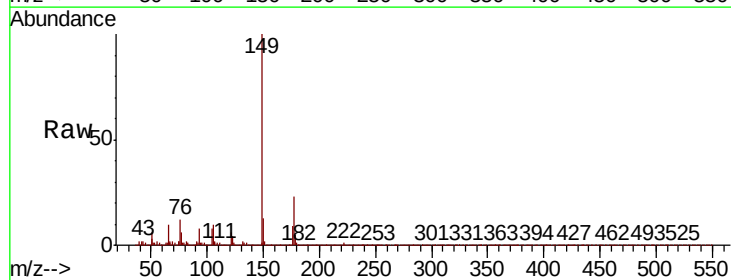
Tgt Ion:149 Resp: 1055941

Ion Ratio Lower Upper

149 100

177 22.7 18.9 28.3

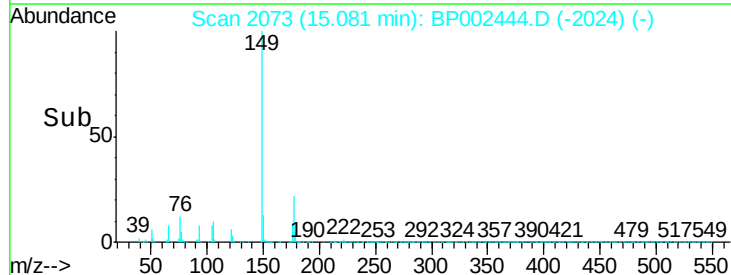
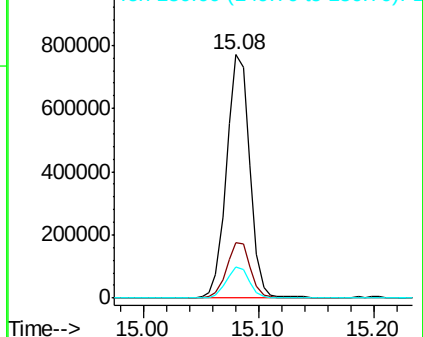
150 12.7 9.9 14.9

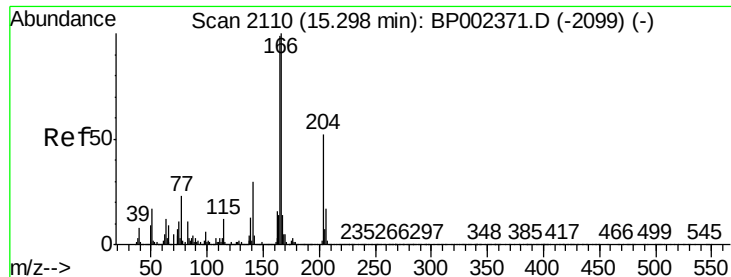


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

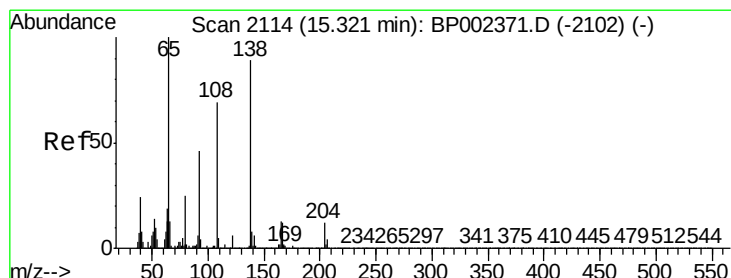
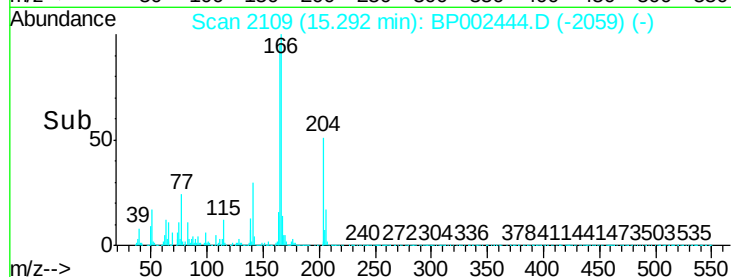
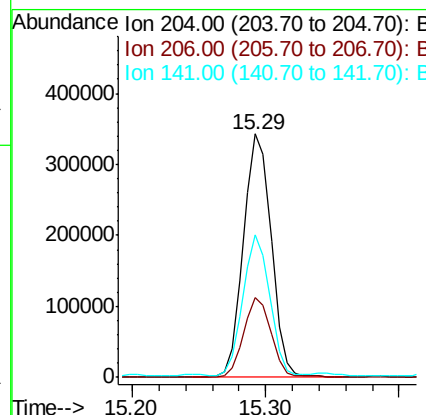
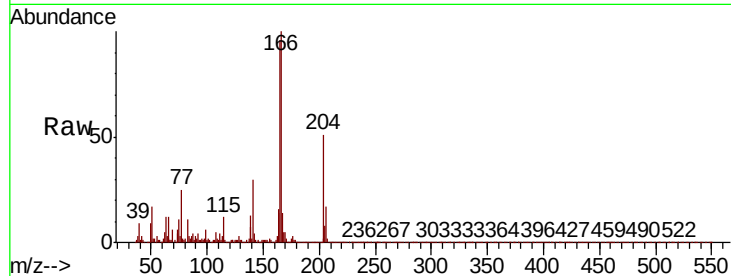




#61
4-Chlorophenyl-phenylether
Concen: 46.532 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

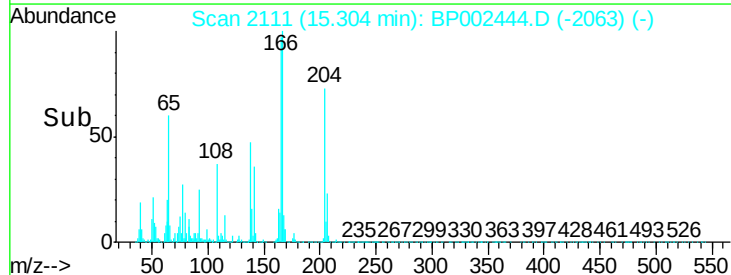
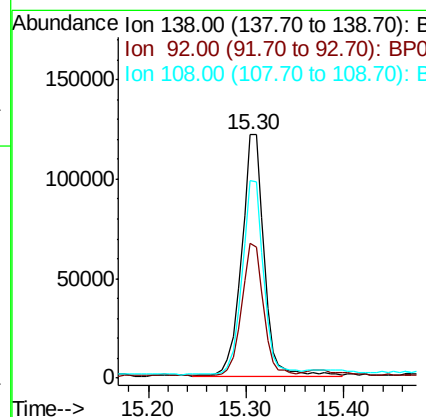
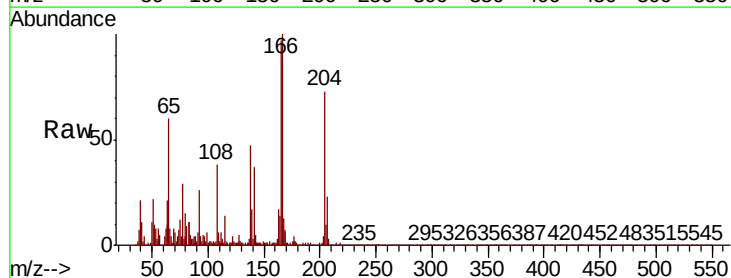
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

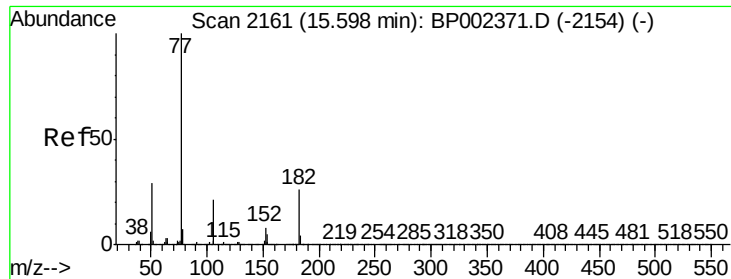
Tot Ion:204 Resp: 490143
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 58.7 46.6 69.8



#62
4-Nitroaniline
Concen: 34.338 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:138 Resp: 192974
Ion Ratio Lower Upper
138 100
92 55.3 31.7 71.7
108 80.9 57.5 97.5



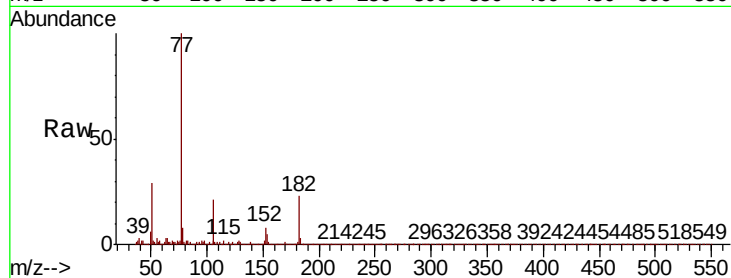


#63
Azobenzene
Concen: 49.116 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tot Ion: 77 Resp: 1155390

Ion	Ratio	Lower	Upper
77	100		
182	23.3	6.0	46.0
105	20.8	1.3	41.3
51	29.1	8.7	48.7

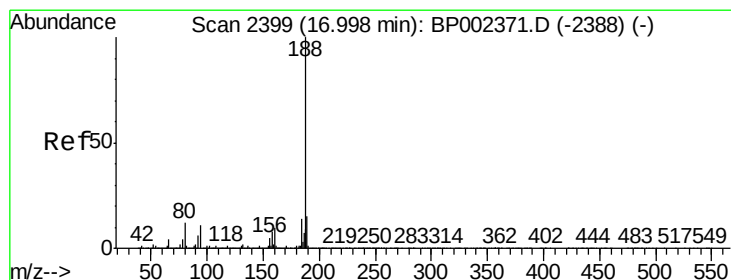
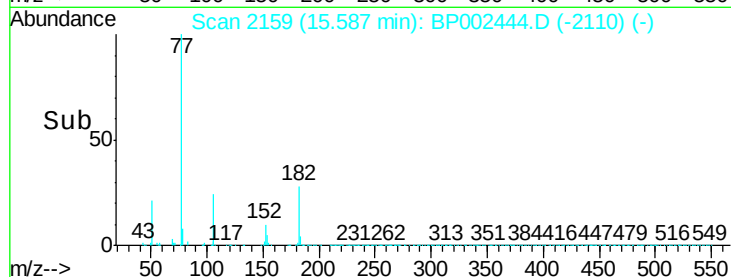
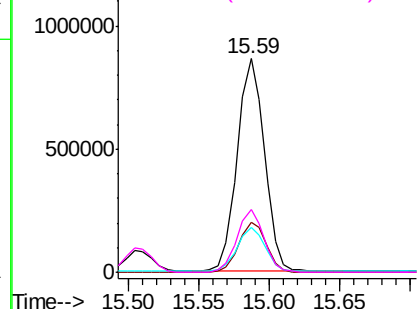


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

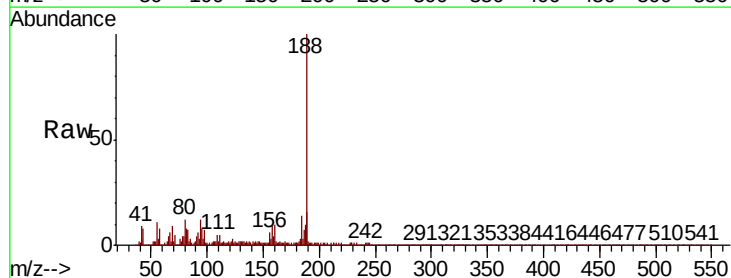
Ion 51.00 (50.70 to 51.70): BP0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion: 188 Resp: 637315

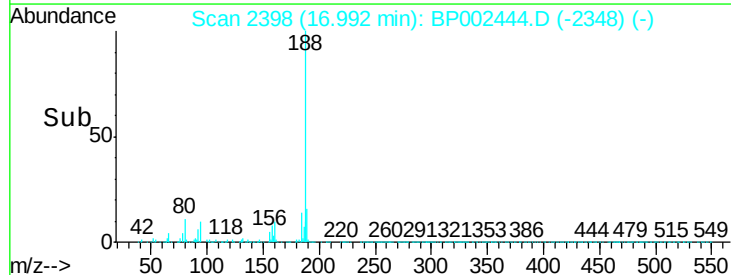
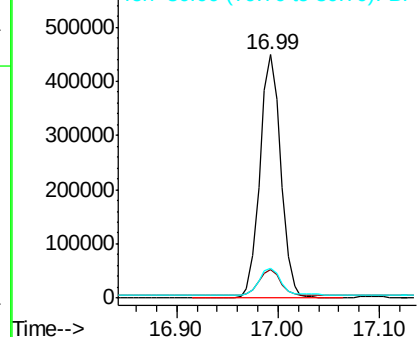
Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.2	9.4	14.0

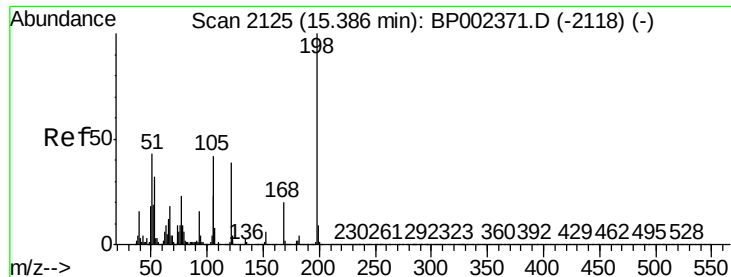


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

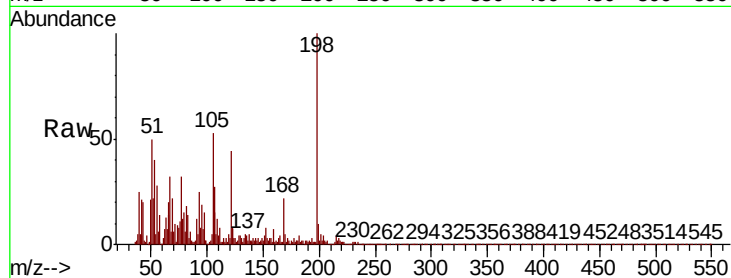




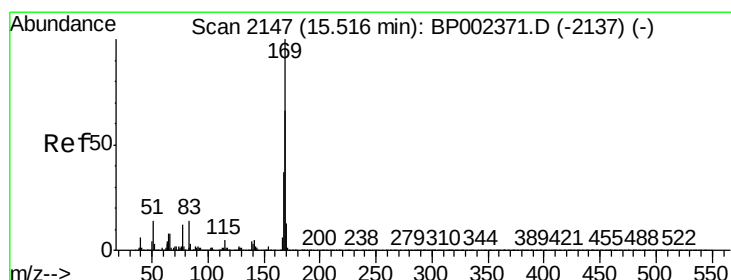
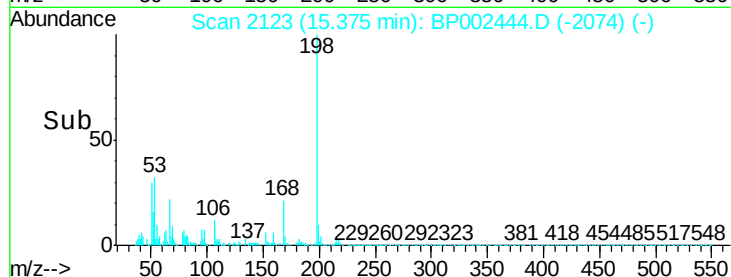
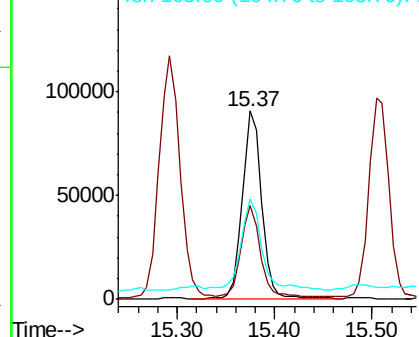
#65
4,6-Dinitro-2-methylphenol
Concen: 37.435 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tot Ion	198	Resp	125897
Ion Ratio	100	Lower	Upper
51	49.7	23.4	63.4
105	52.9	22.5	62.5

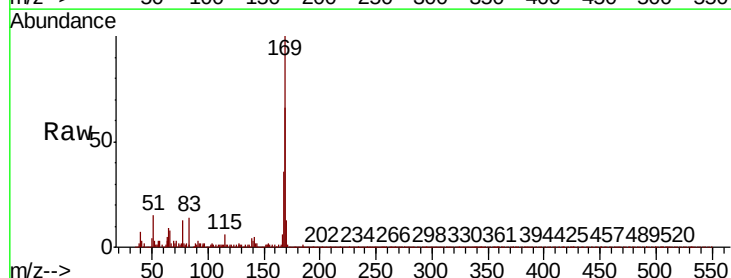


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

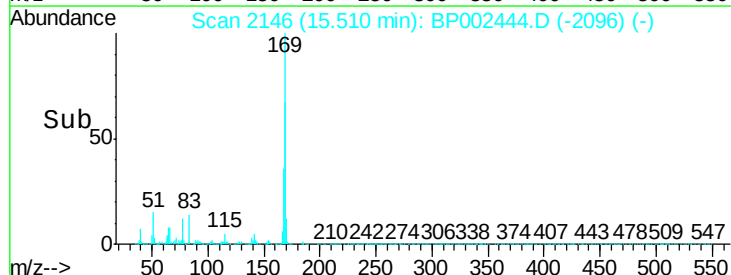
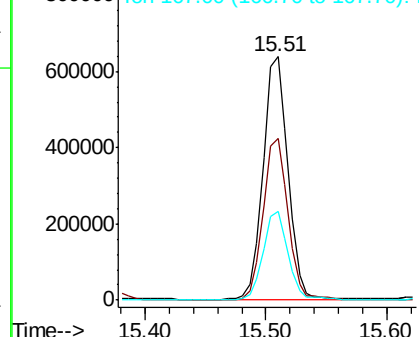


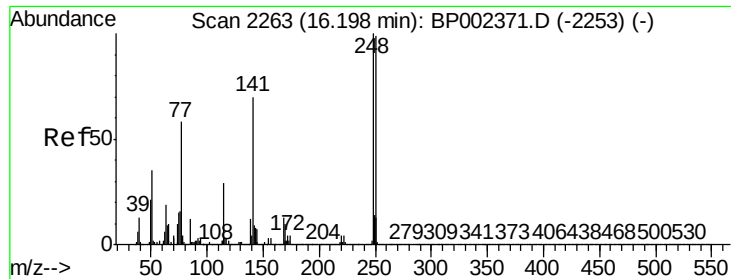
#66
n-Nitrosodiphenylamine
Concen: 56.341 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion	169	Resp	917259
Ion Ratio	100	Lower	Upper
168	66.4	52.8	79.2
167	36.5	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

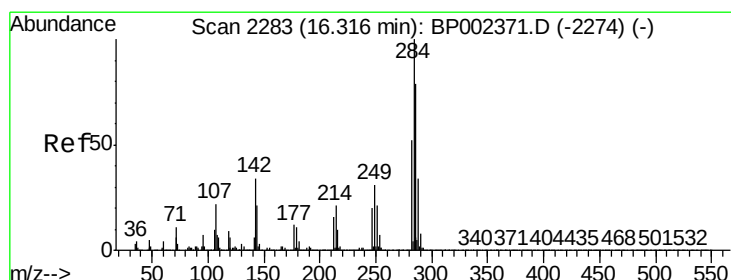
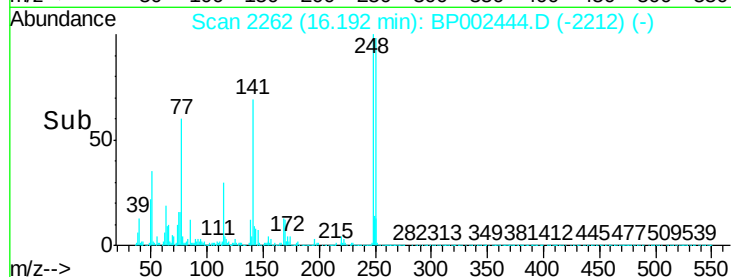
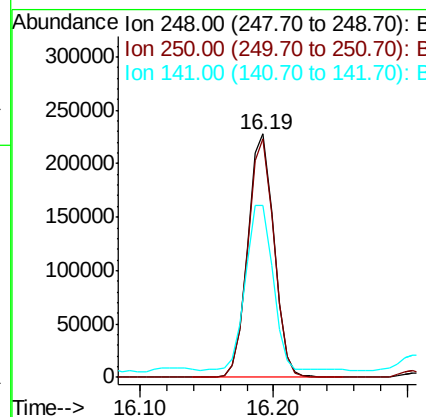
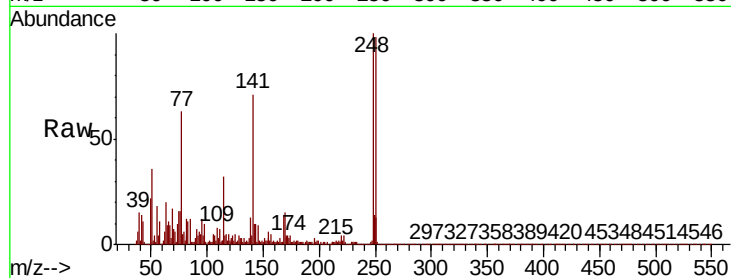




#67
4-Bromophenyl-phenylether
Concen: 50.593 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

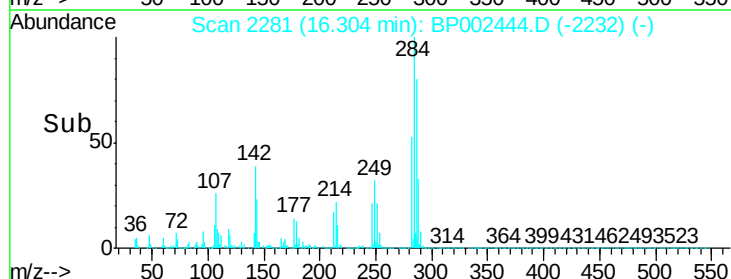
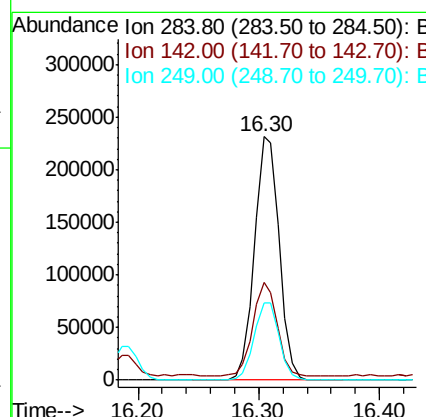
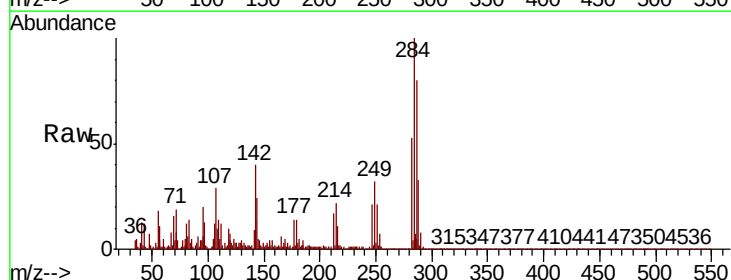
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

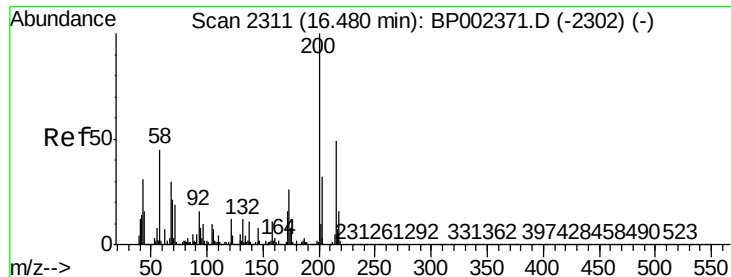
Tot Ion:248 Resp: 305447
Ion Ratio Lower Upper
248 100
250 97.8 79.3 118.9
141 70.7 55.7 83.5



#68
Hexachlorobenzene
Concen: 51.522 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:284 Resp: 330073
Ion Ratio Lower Upper
284 100
142 40.3 27.4 41.0
249 31.8 24.9 37.3





#69

Atrazine

Concen: 51.774 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

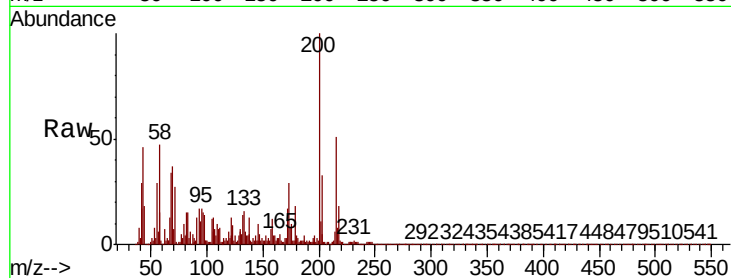
Tot Ion:200 Resp: 274974

Ion Ratio Lower Upper

200 100

173 28.5 6.4 46.4

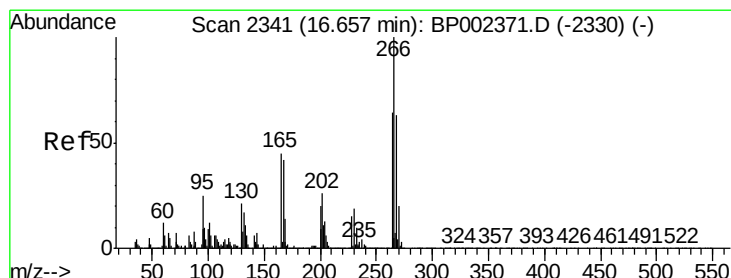
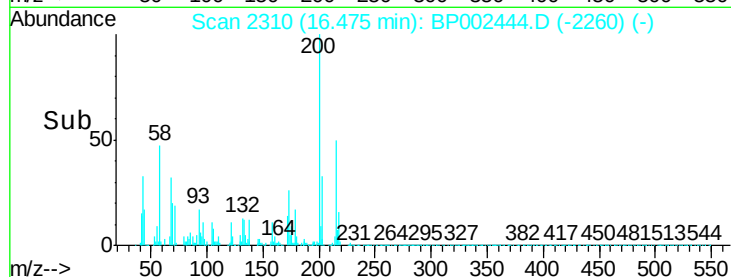
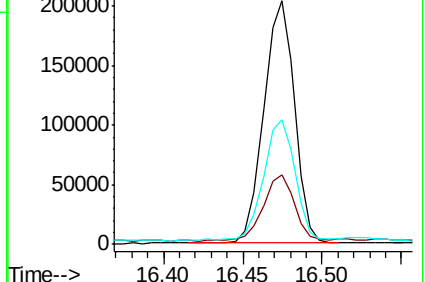
215 51.2 29.3 69.3



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: 105.795 ng

RT: 16.65 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

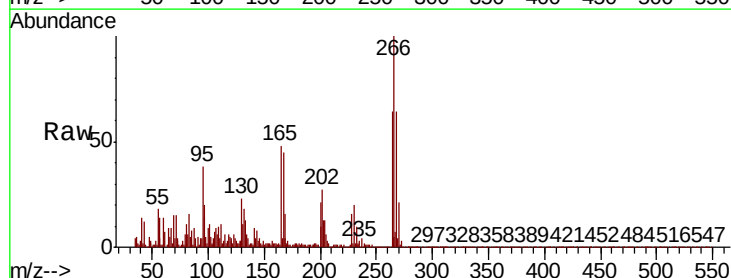
Tgt Ion:266 Resp: 405497

Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

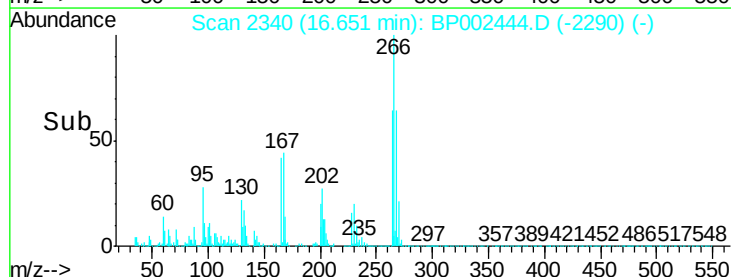
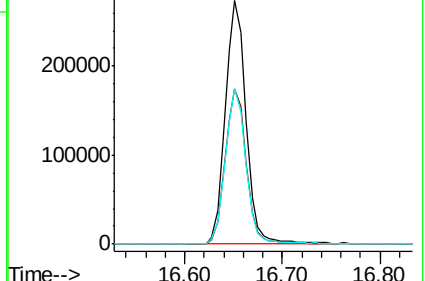
264 63.7 51.4 77.0

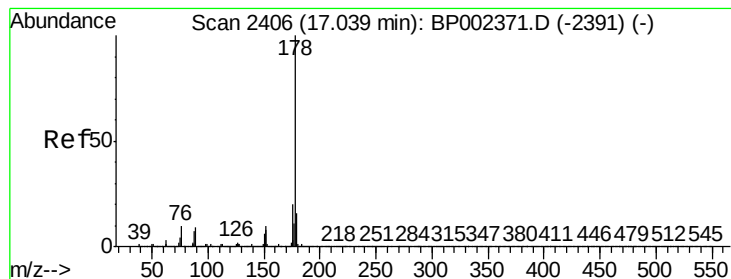


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.623 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

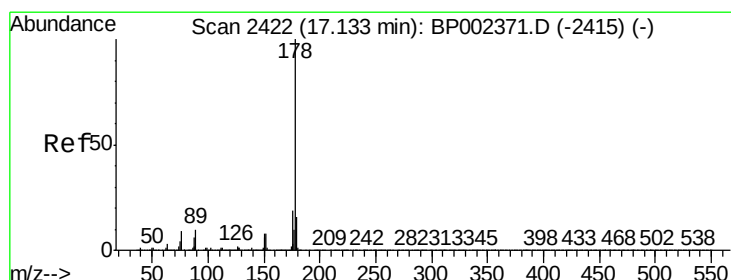
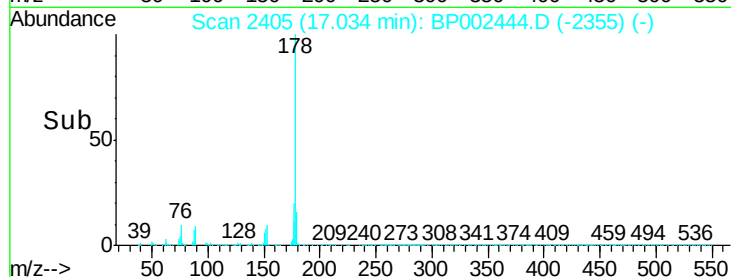
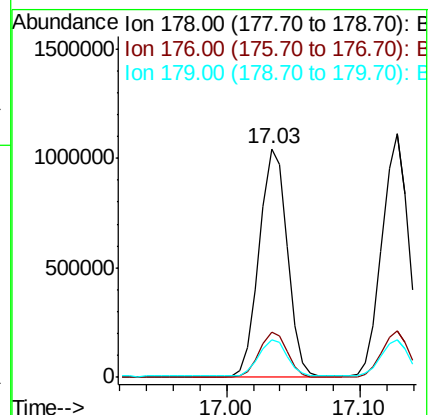
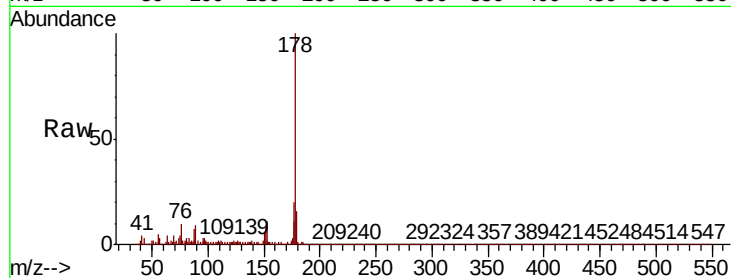
Tot Ion:178 Resp: 1509183

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 16.2 12.5 18.7



#72

Anthracene

Concen: 51.364 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

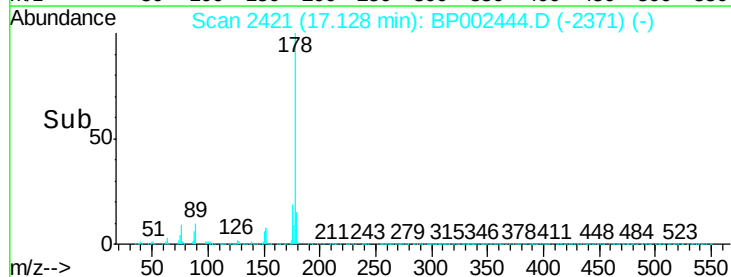
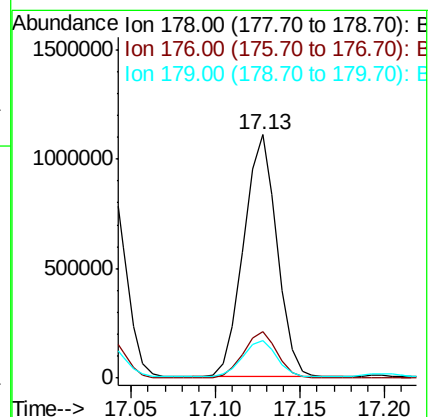
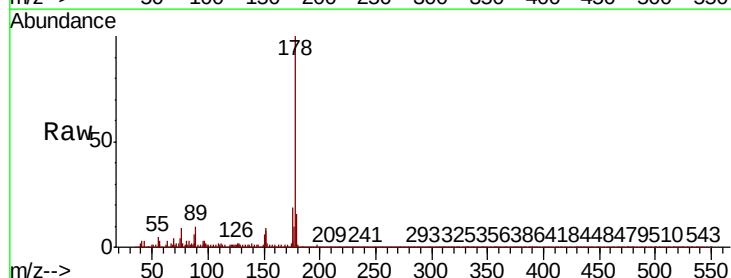
Tgt Ion:178 Resp: 1521179

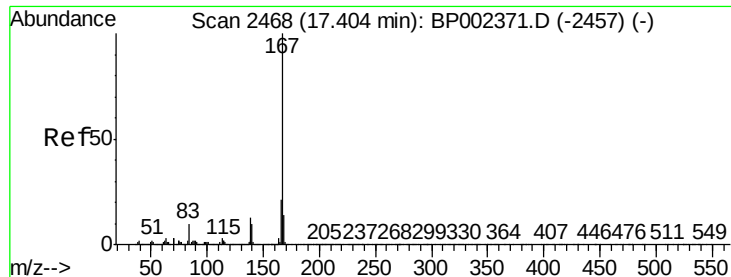
Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.7 13.0 19.4



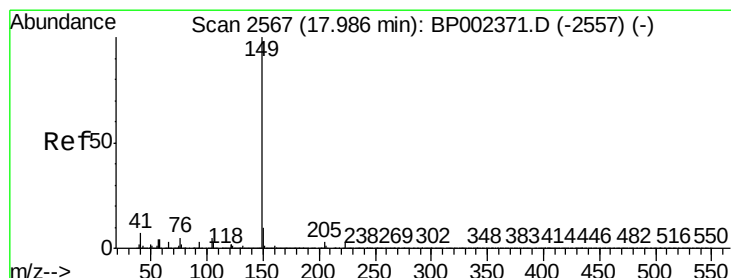
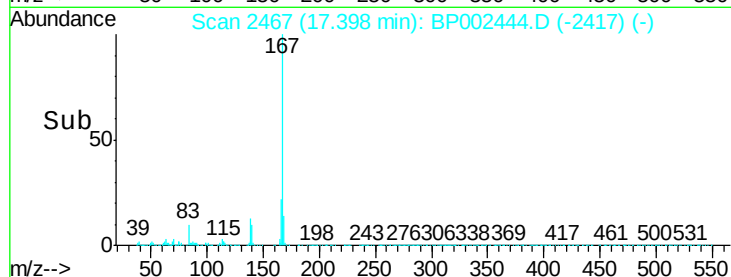
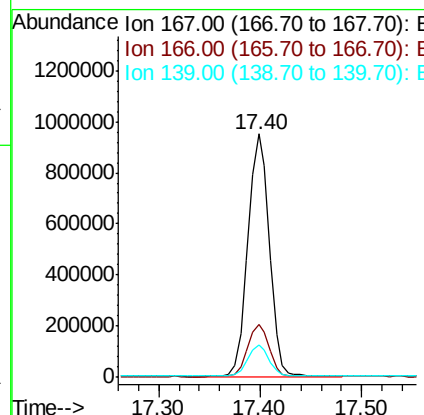
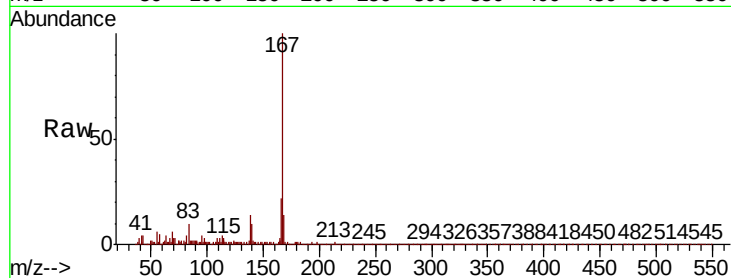


#73
 Carbazole
 Concen: 47.757 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

Tot Ion:167 Resp: 1391367

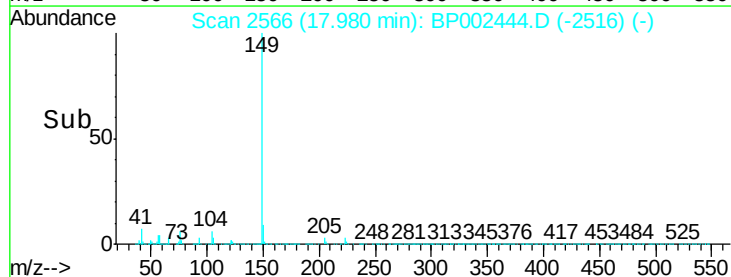
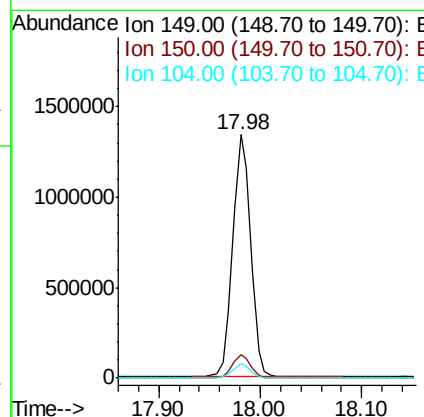
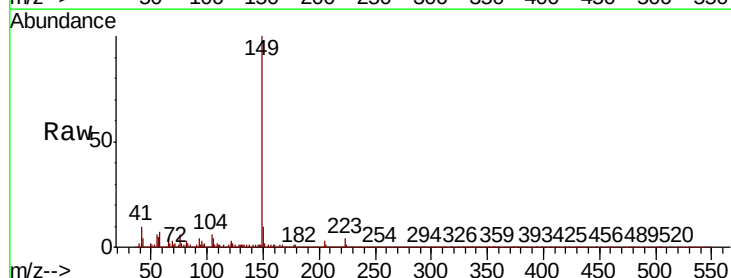
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.6	10.3	15.5

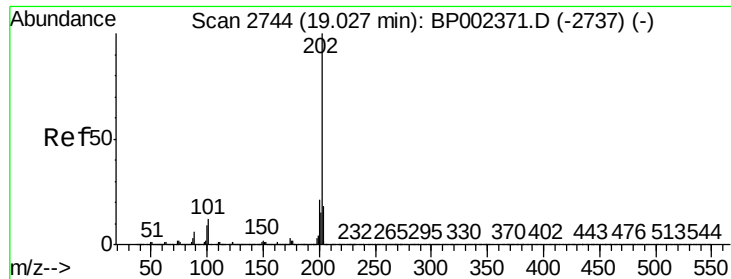


#74
 Di-n-butylphthalate
 Concen: 47.701 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Tgt Ion:149 Resp: 1644630

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.9	4.3	6.5





#75

Fluoranthene

Concen: 50.780 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

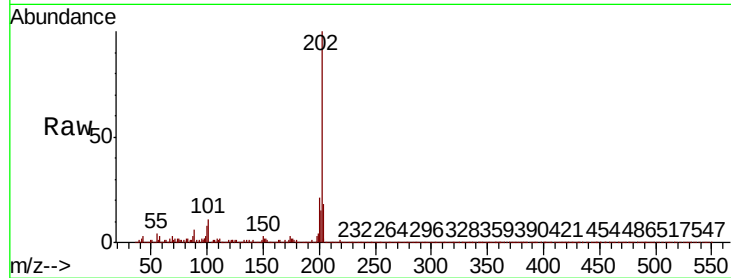
BNA_P

ClientSampleId :

TP-2MSD

Tot Ion:202 Resp: 1807054

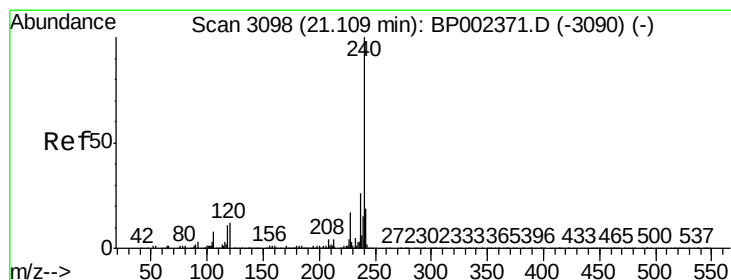
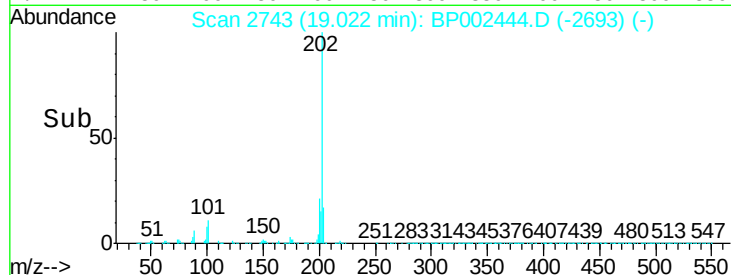
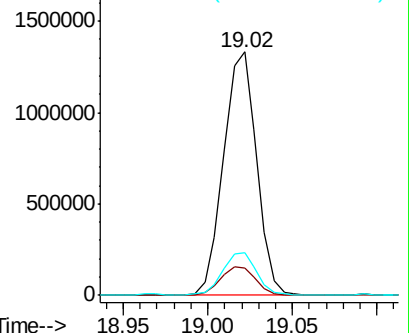
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.8
203	17.6	0.0	38.0



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: 21.10 min Scan# 3096

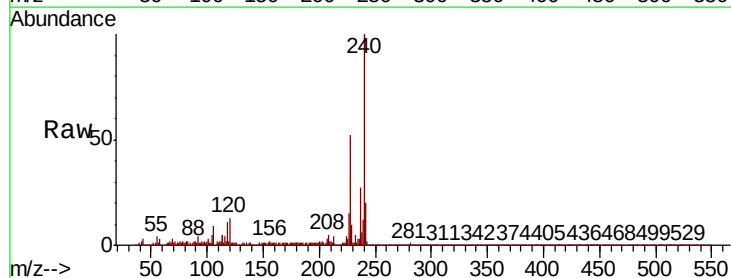
Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion:240 Resp: 637595

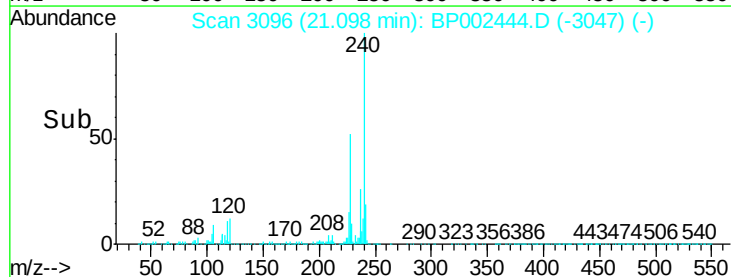
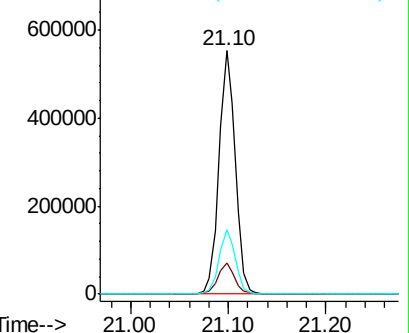
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.3	13.9
236	26.6	21.0	31.6

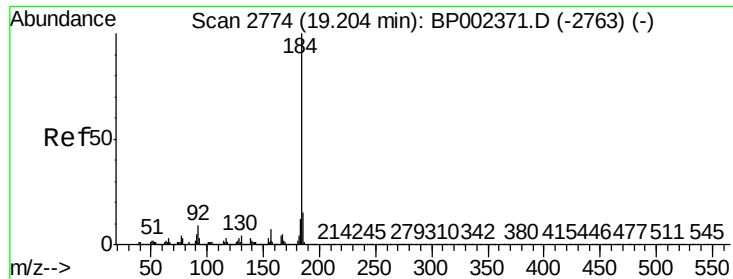


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.223 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

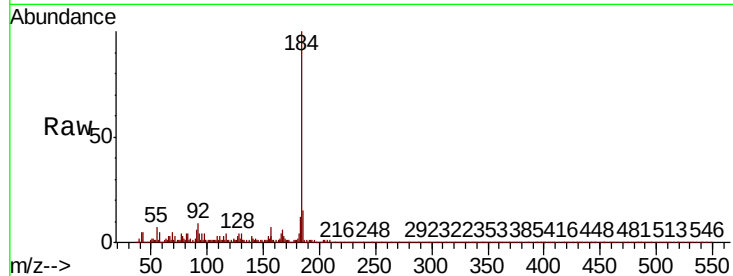
Tot Ion:184 Resp: 1043214

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

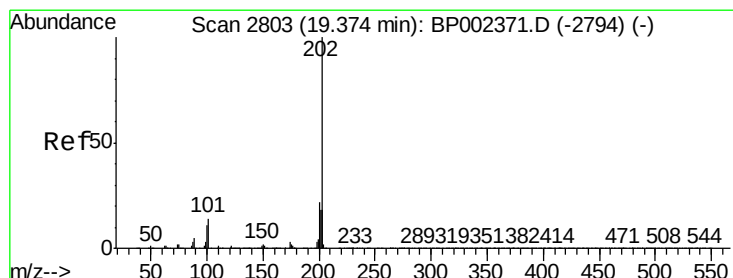
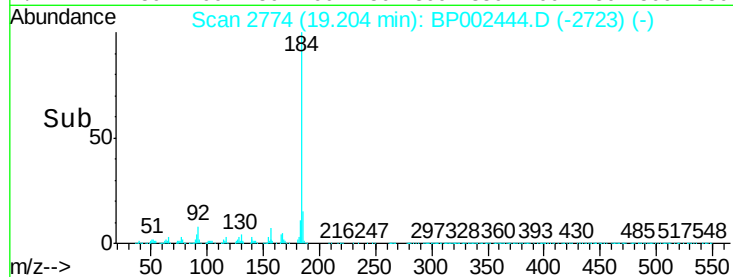
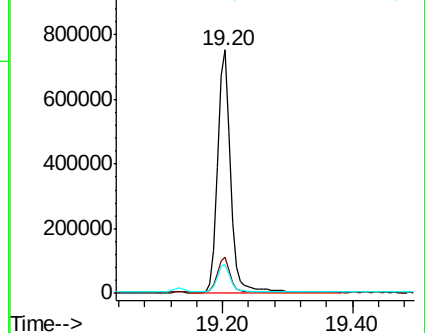
183 11.8 9.2 13.8



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: 47.038 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

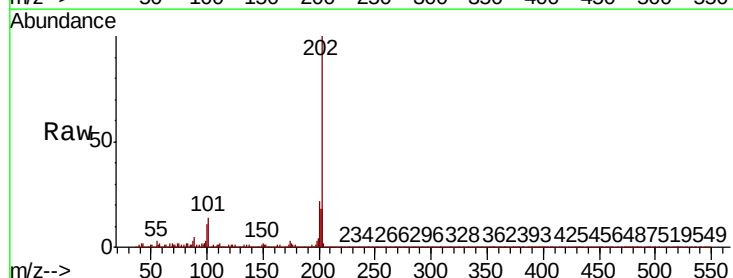
Tgt Ion:202 Resp: 1837057

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

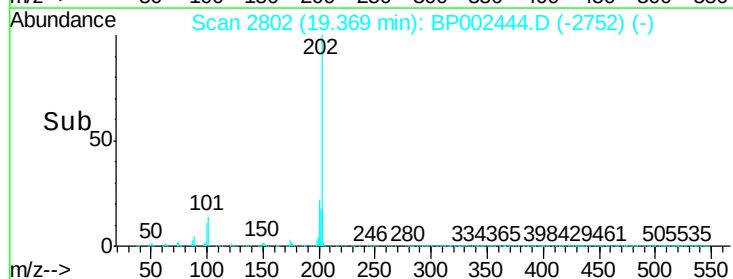
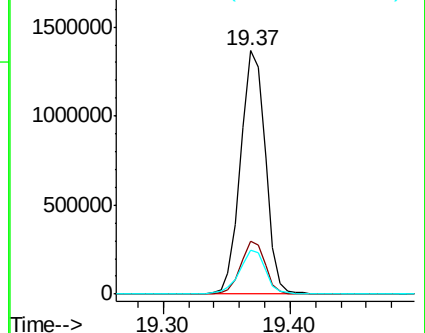
203 17.8 14.6 22.0

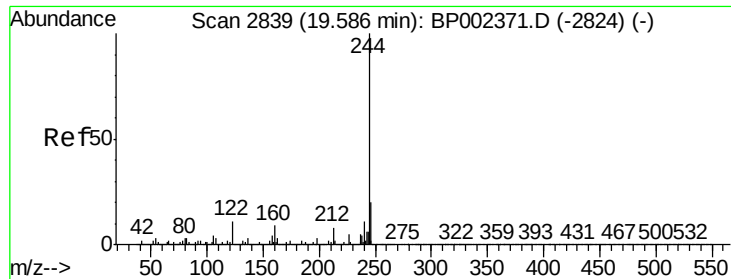


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.626 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

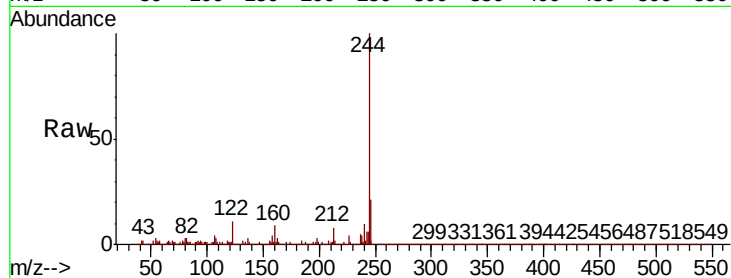
Tot Ion:244 Resp: 2068823

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

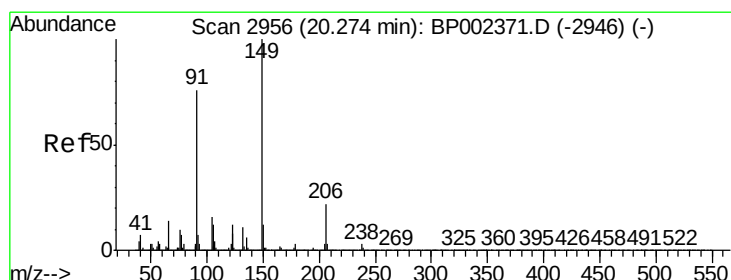
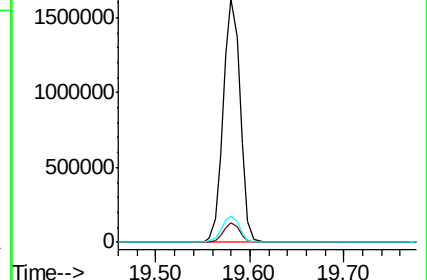
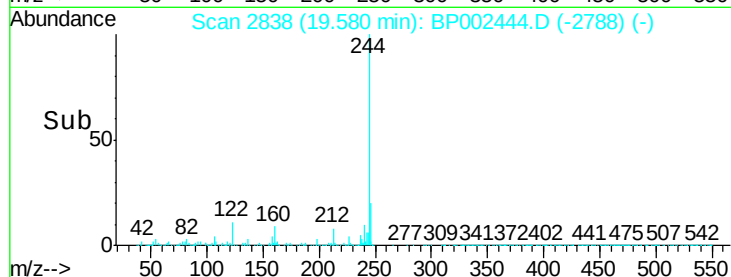
122 10.9 8.8 13.2



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: 46.231 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

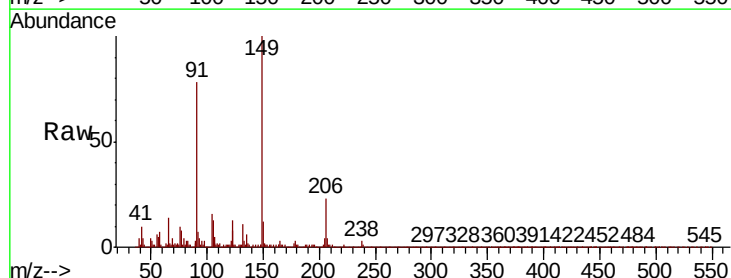
Tgt Ion:149 Resp: 802611

Ion Ratio Lower Upper

149 100

91 77.9 61.2 91.8

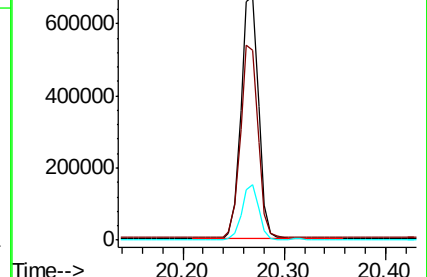
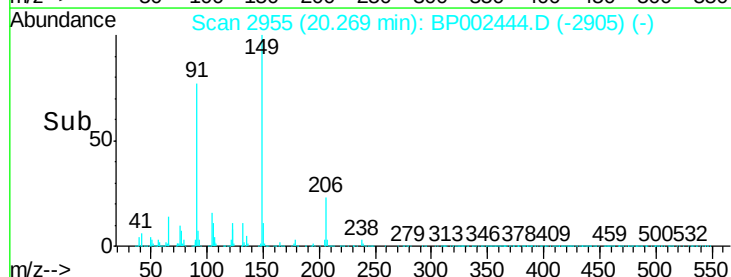
206 22.8 17.8 26.6

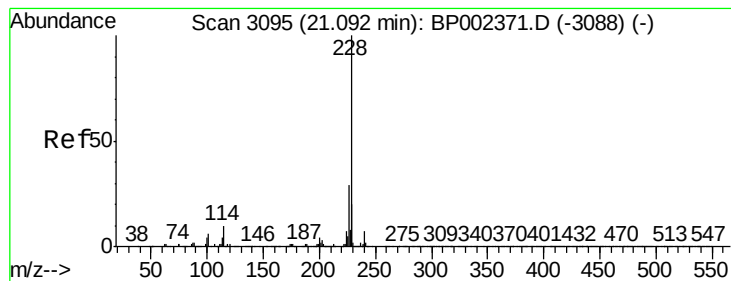


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.099 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

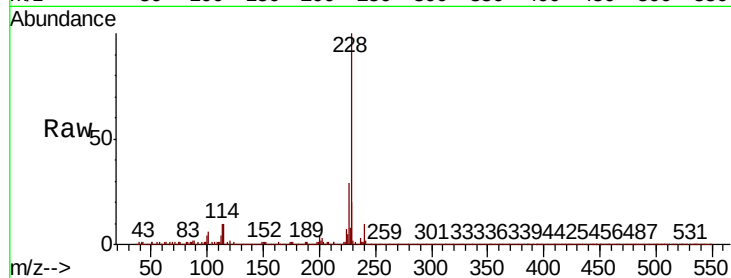
BNA_P

ClientSampleId :

TP-2MSD

Tot Ion:228 Resp: 1859702

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.8	34.2
229	20.1	16.2	24.2

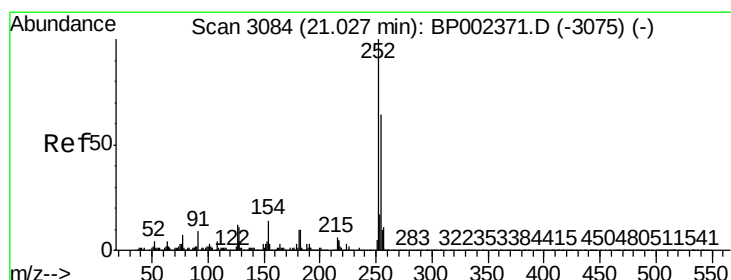
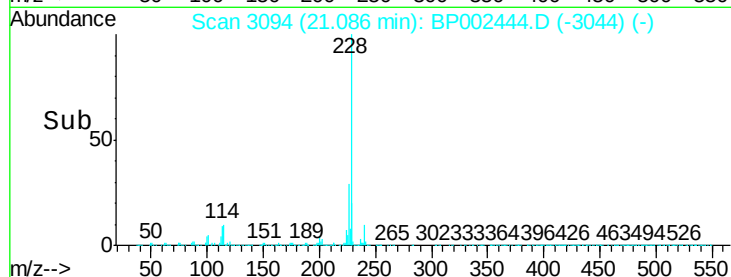
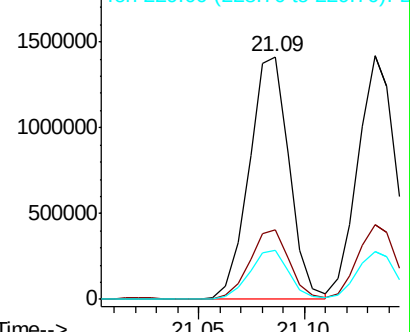


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.593 ng

RT: 21.02 min Scan# 3083

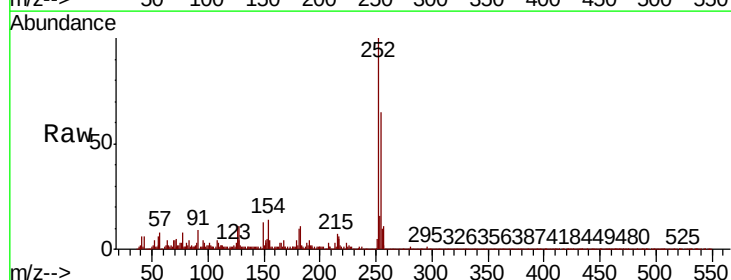
Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion:252 Resp: 603129

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	11.3	9.2	13.8

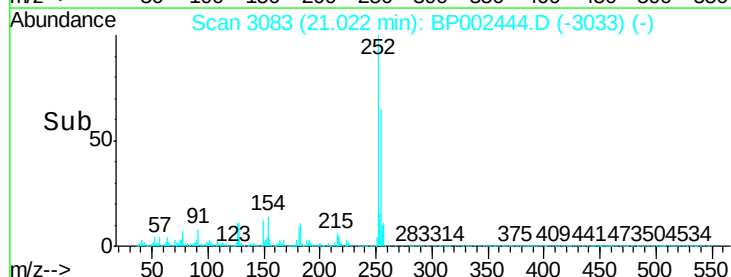
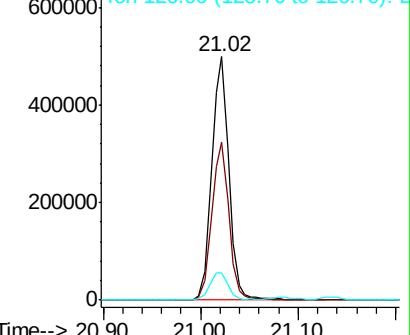


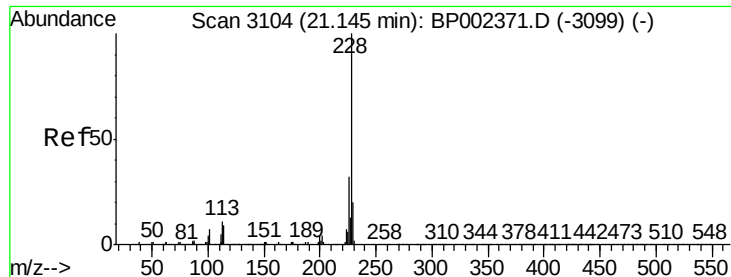
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.597 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

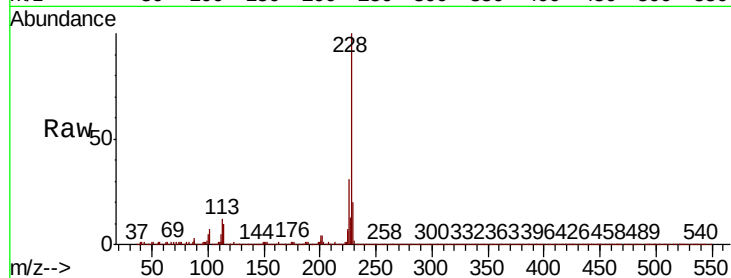
BNA_P

ClientSampled :

TP-2MSD

Tot Ion:228 Resp: 1779083

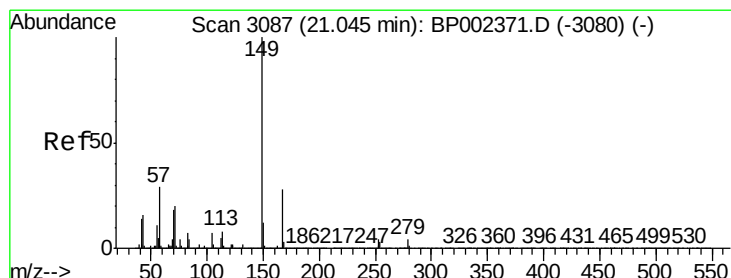
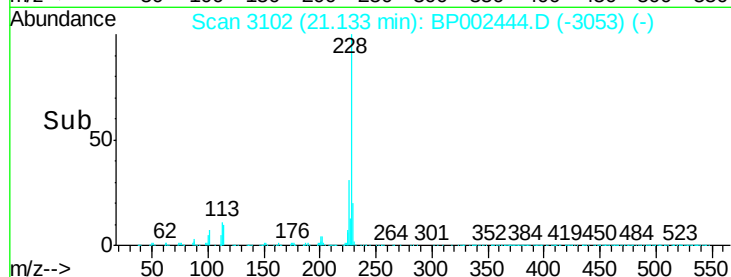
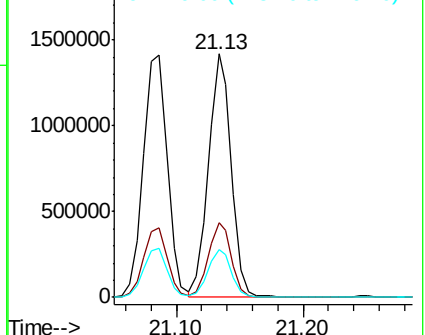
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	19.8	16.1	24.1



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: 48.565 ng

RT: 21.04 min Scan# 3086

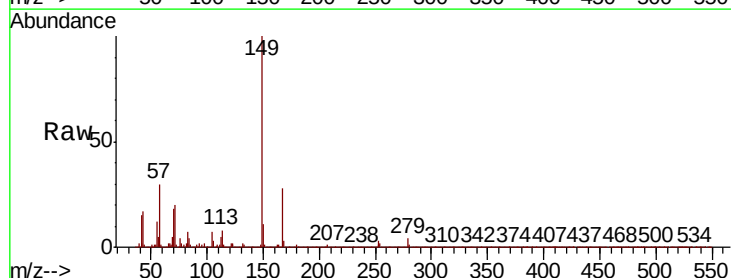
Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Tgt Ion:149 Resp: 1226452

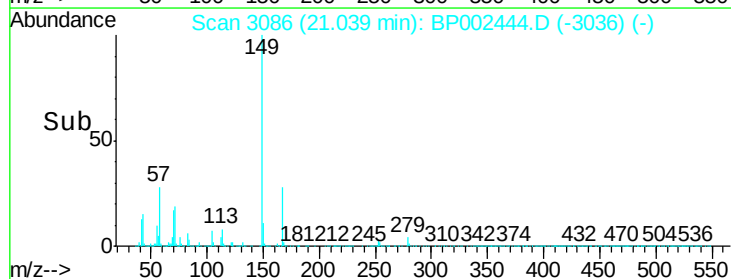
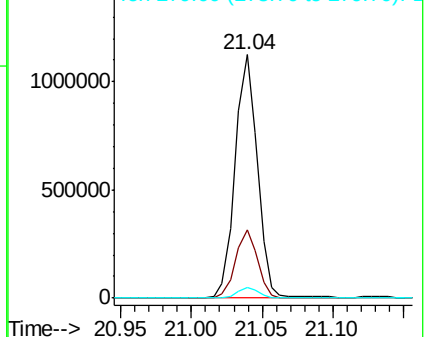
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.2	3.2	4.8

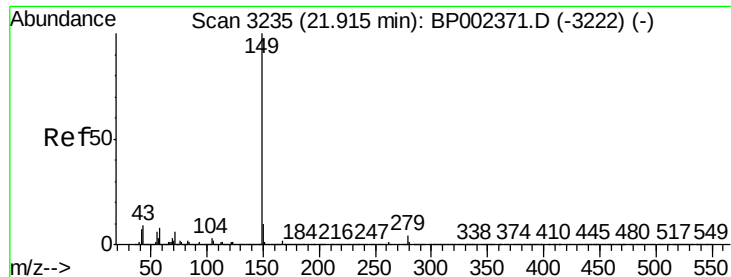


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.806 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

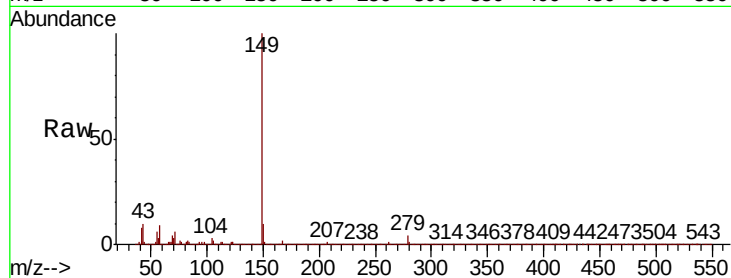
Tot Ion:149 Resp: 2250420

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

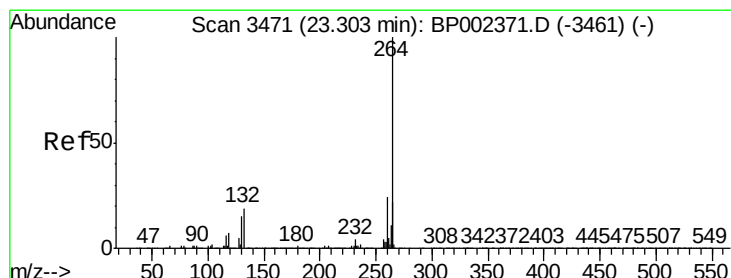
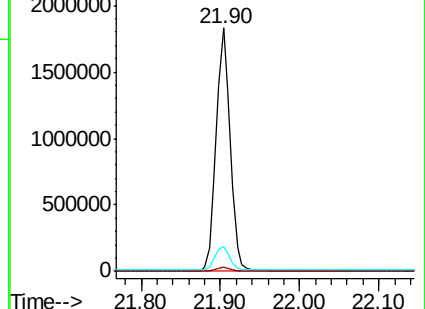
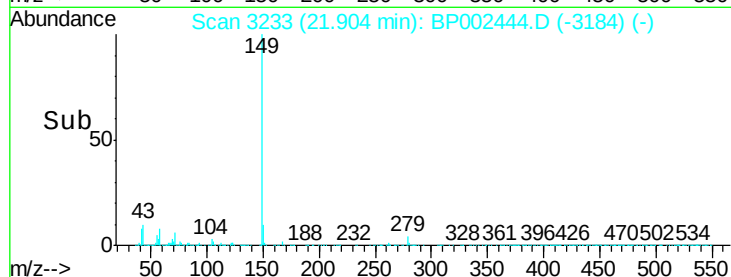
43 10.1 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

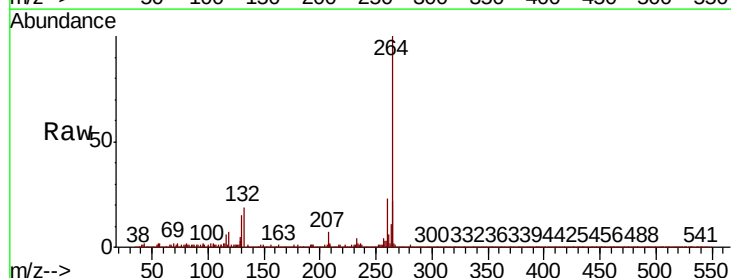
Tgt Ion:264 Resp: 772401

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

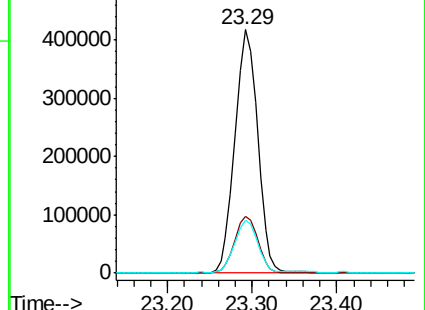
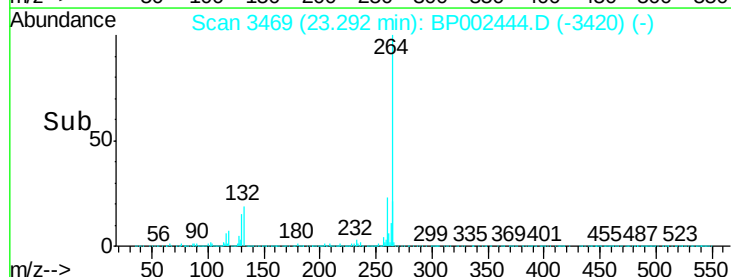
265 21.5 17.4 26.2

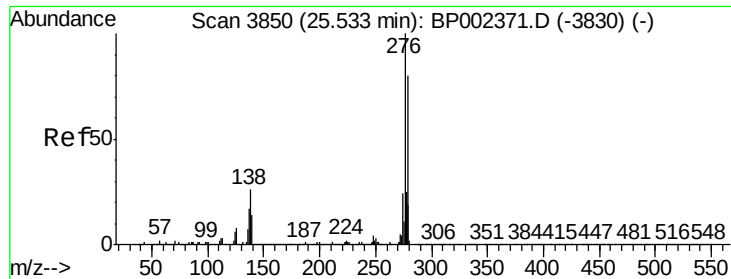


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



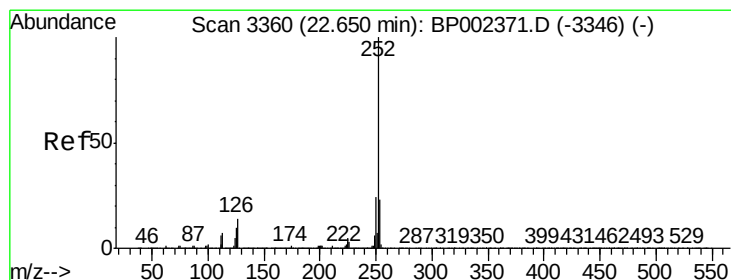
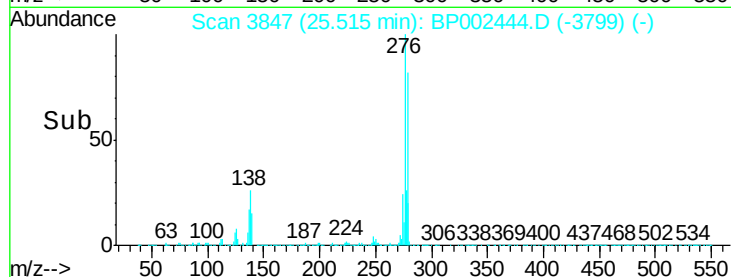
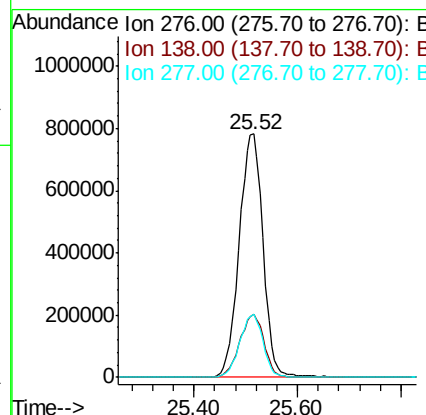
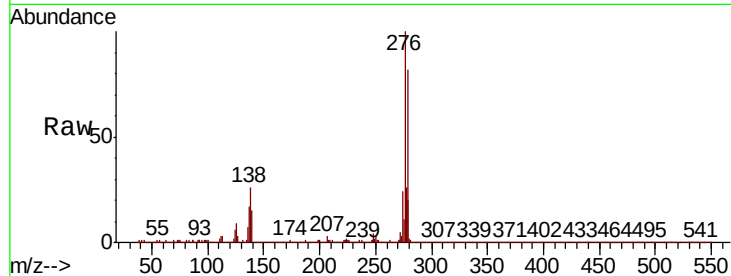


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.688 ng
 RT: 25.52 min Scan# 3847
 Delta R.T. -0.02 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

Tot Ion:276 Resp: 2497136

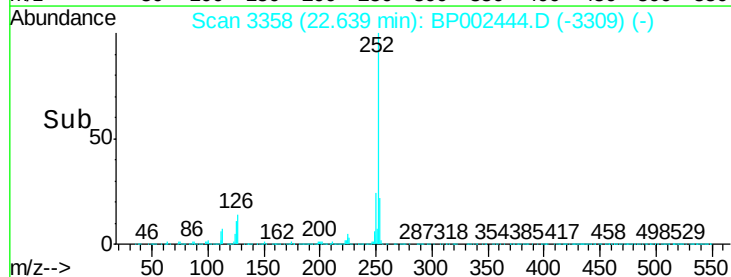
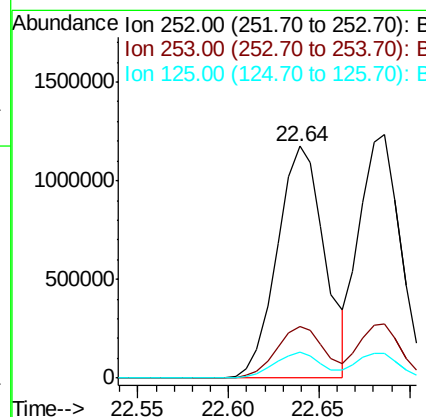
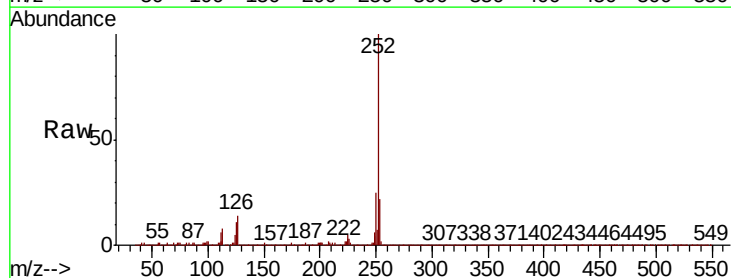
Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.2	31.8
277	25.3	20.3	30.5

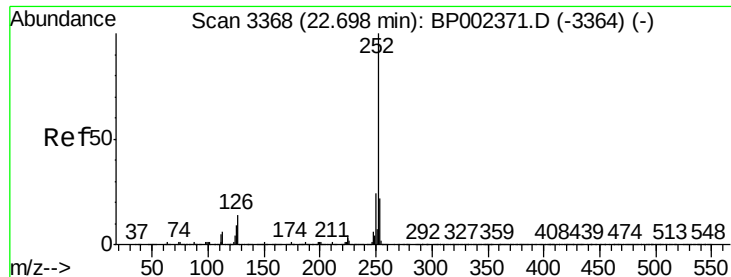


#88
 Benzo(b)fluoranthene
 Concen: 51.385 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002444.D
 Acq: 18 Jun 2020 16:43

Tgt Ion:252 Resp: 2140358

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.0	8.2	12.2

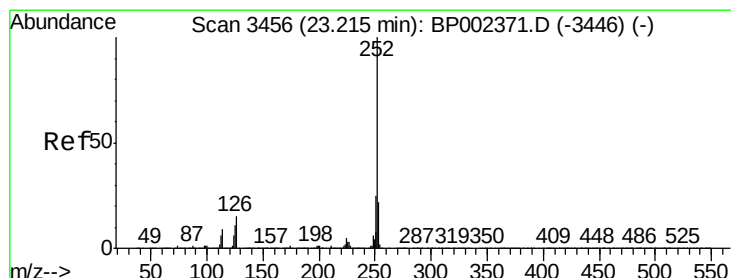
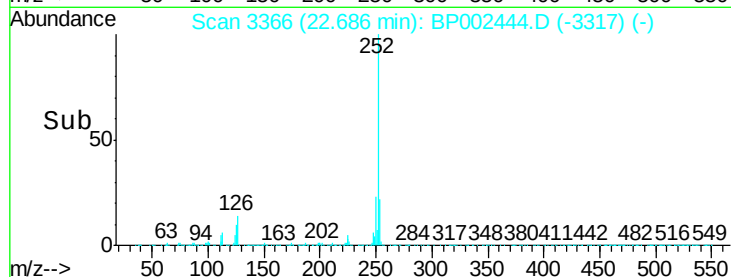
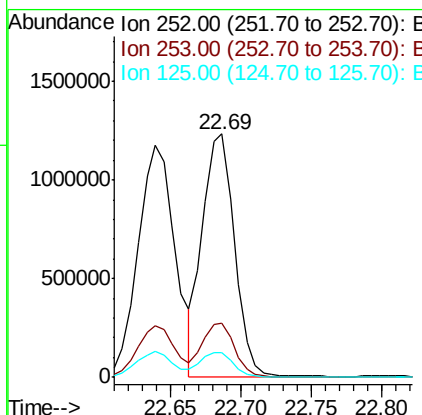
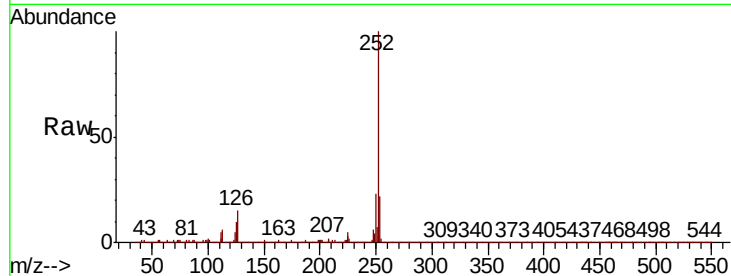




#89
Benzo(k)fluoranthene
Concen: 49.022 ng
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

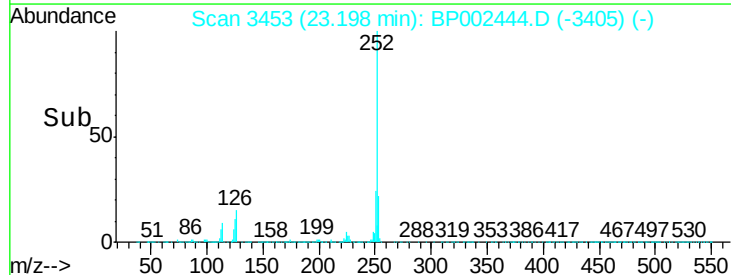
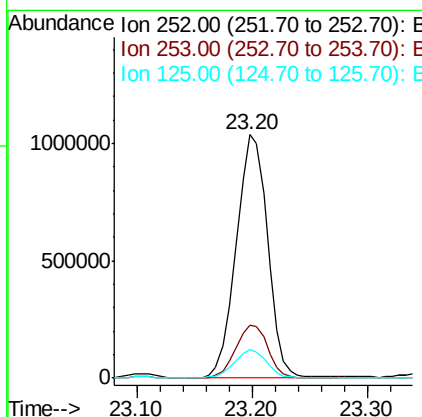
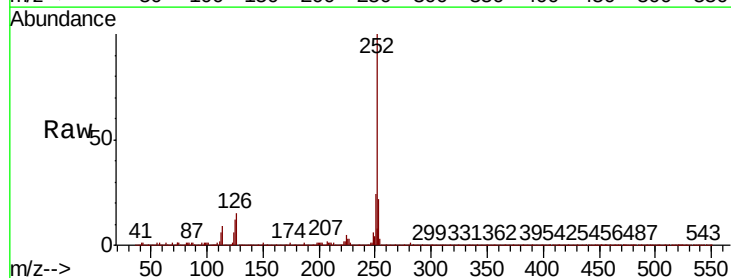
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

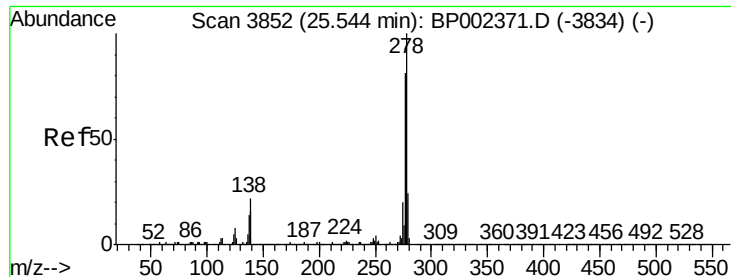
Tot Ion:252 Resp: 1940133
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 50.137 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002444.D
Acq: 18 Jun 2020 16:43

Tgt Ion:252 Resp: 1957082
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 52.381 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

Instrument :

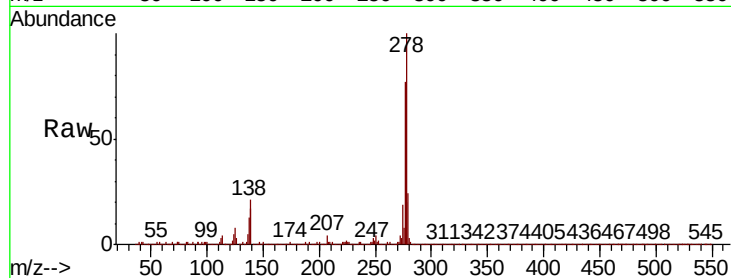
BNA_P

ClientSampled :

TP-2MSD

Tot Ion:278 Resp: 2029923

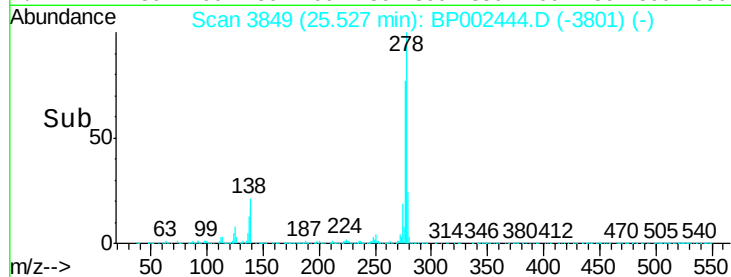
Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.1	19.7
279	24.1	18.9	28.3



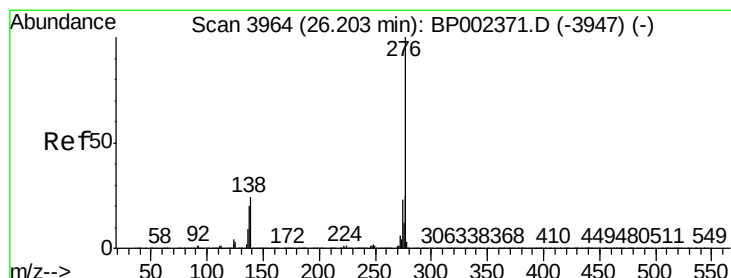
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 52.330 ng

RT: 26.19 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BP002444.D

Acq: 18 Jun 2020 16:43

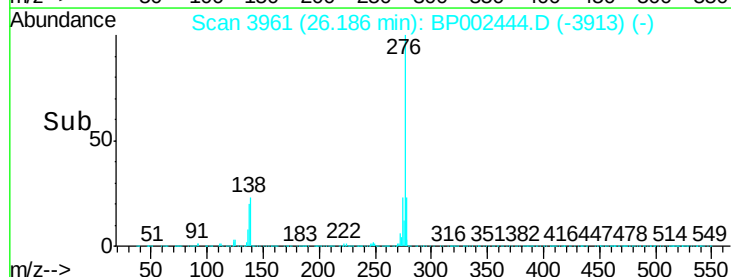
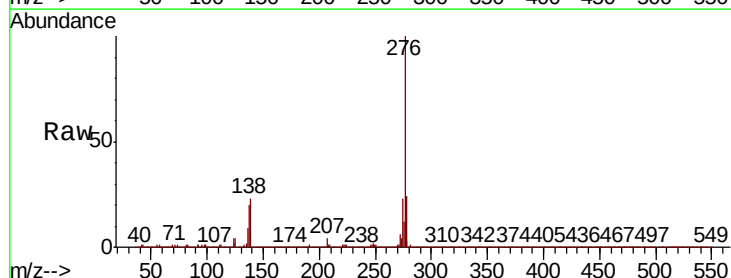
Tgt Ion:276 Resp: 2100361

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.6
138	23.5	19.2	28.8

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->