

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002757.D
 Acq On : 15 Jul 2020 16:47
 Operator : CG/JU
 Sample : L3300-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8A-D

Quant Time: Jul 15 17:28:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

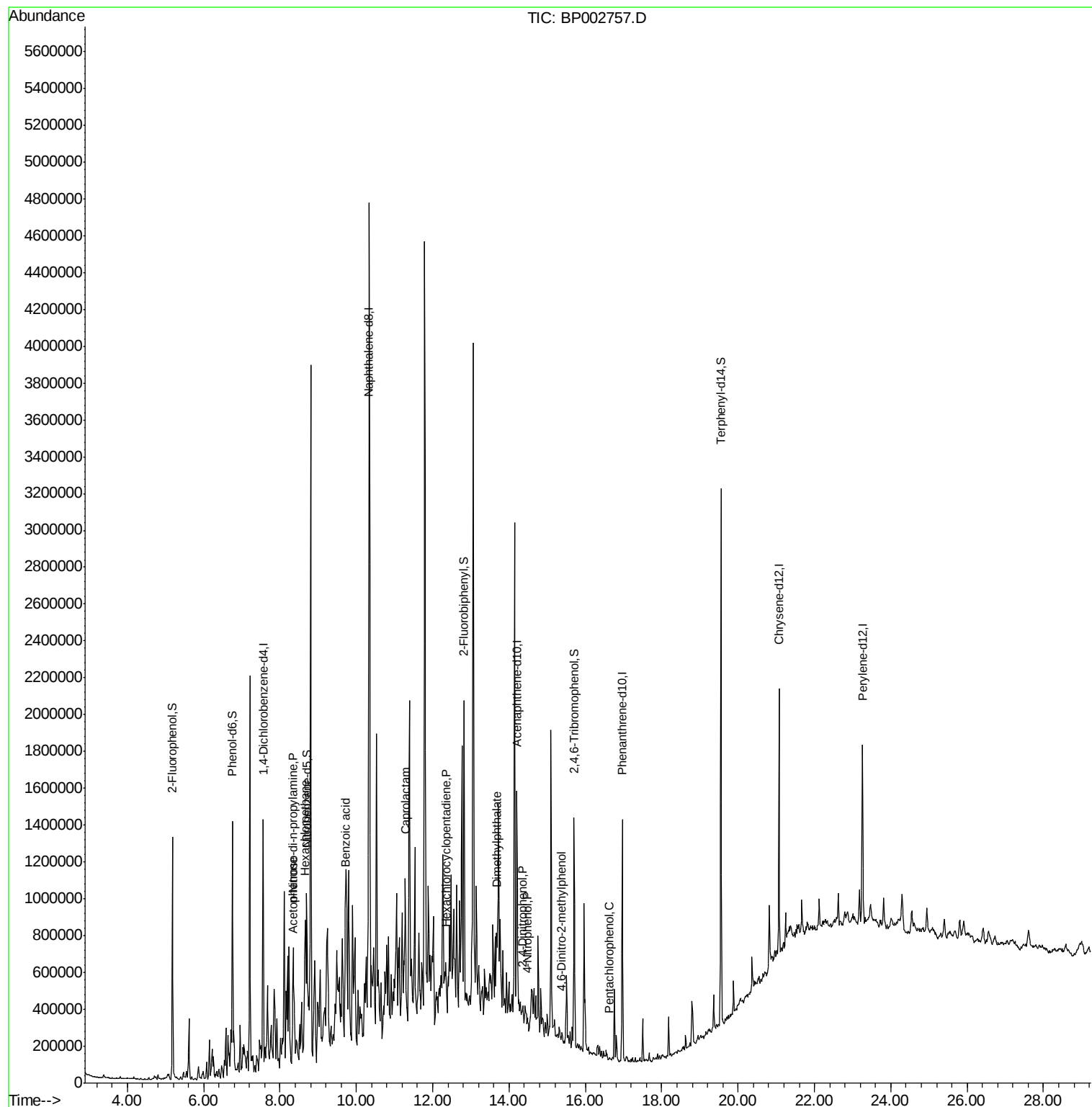
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	148114	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	515336	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	350710	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	762219	20.00	ng	0.00
76) Chrysene-d12	21.07	240	670009	20.00	ng	0.00
86) Perylene-d12	23.26	264	657368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	564663	64.32	ng	0.00
7) Phenol-d6	6.75	99	755801	60.33	ng	0.00
23) Nitrobenzene-d5	8.70	82	468164	48.59	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	222328	60.73	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	893687	39.42	ng	0.00
79) Terphenyl-d14	19.55	244	1196564	40.95	ng	0.00
Target Compounds						
18) Hexachloroethane	8.66	117	62095	15.597	ng	# 1
19) n-Nitroso-di-n-propylamine	8.33	70	25722	3.371	ng	# 56
22) Acetophenone	8.36	105	185598	14.609	ng	# 57
32) Benzoic acid	9.72	122	106	7.078	ng	# 1
35) Caprolactam	11.28	113	11132	3.947	ng	# 1
41) Hexachlorocyclopentadiene	12.36	237	19	7.438	ng	# 23
50) Dimethylphthalate	13.67	163	170941	6.391	ng	# 99
54) 2,4-Dinitrophenol	14.34	184	190	11.425	ng	# 1
56) 4-Nitrophenol	14.48	139	176	5.004	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	56	5.277	ng	# 1
70) Pentachlorophenol	16.64	266	91	7.461	ng	# 65

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

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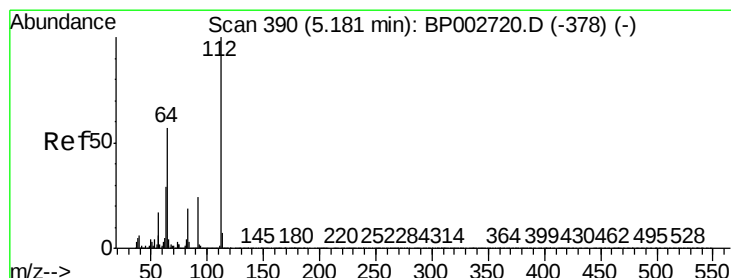
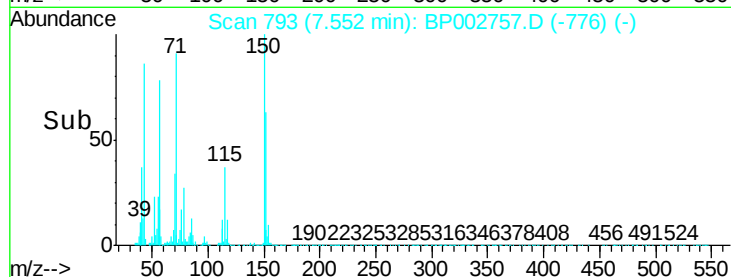
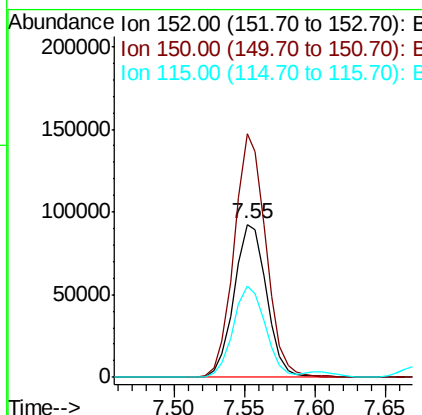
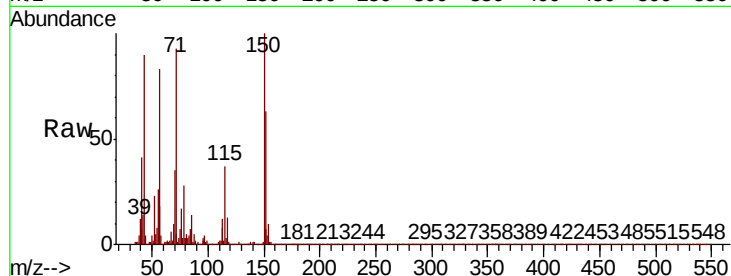


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Instrument :
BNA_P
ClientSampleId :
TP-8A-D

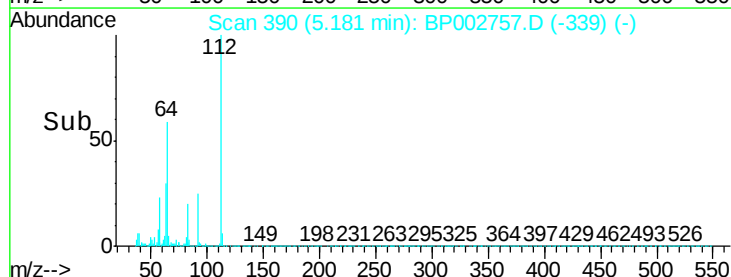
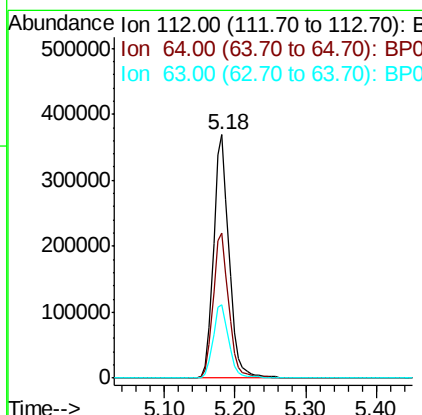
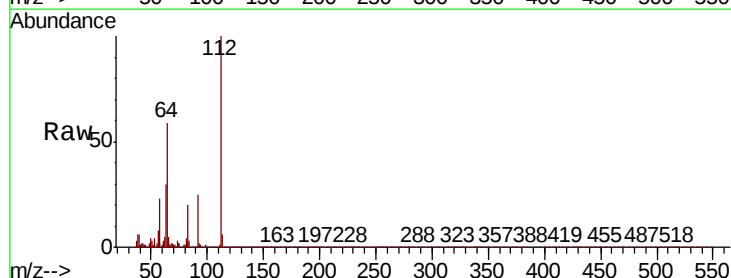
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.7	185.5
115	59.5	47.2	70.8

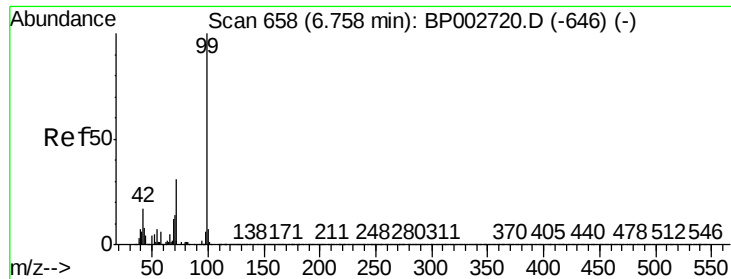


#5

2-Fluorophenol
Concen: 64.322 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	45.6	68.4
63	29.9	23.5	35.3





#7

Phenol-d6

Concen: 60.325 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002757.D

Acq: 15 Jul 2020 16:47

Instrument :

BNA_P

ClientSampleId :

TP-8A-D

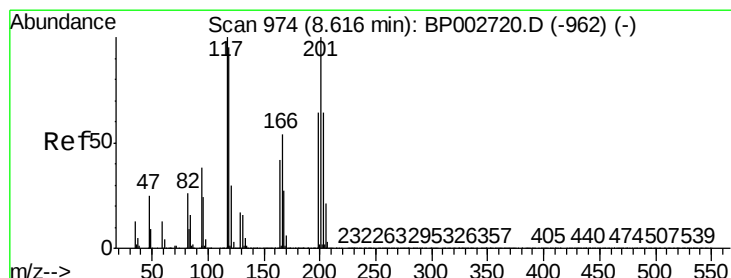
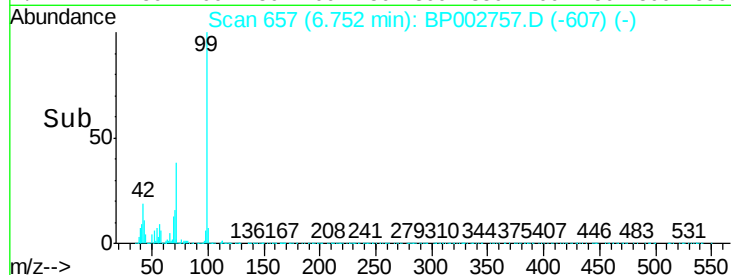
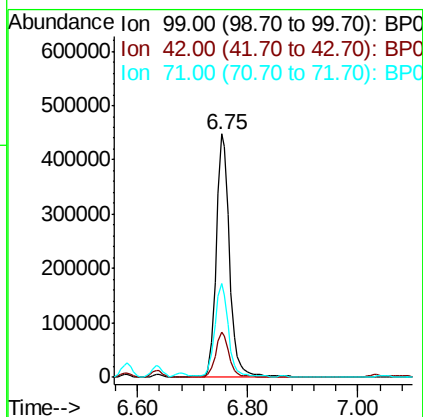
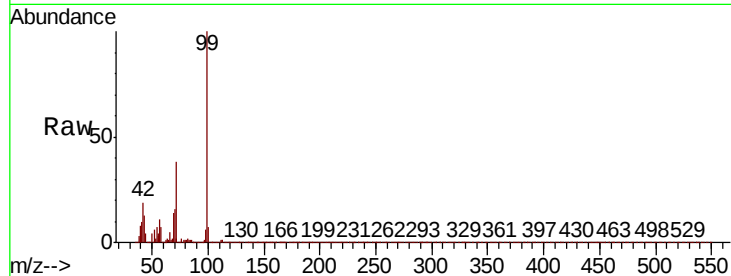
Tot Ion: 99 Resp: 755801

Ion Ratio Lower Upper

99 100

42 18.8 13.4 20.2

71 38.3 24.6 36.8#



#18

Hexachloroethane

Concen: 15.597 ng

RT: 8.66 min Scan# 981

Delta R.T. 0.04 min

Lab File: BP002757.D

Acq: 15 Jul 2020 16:47

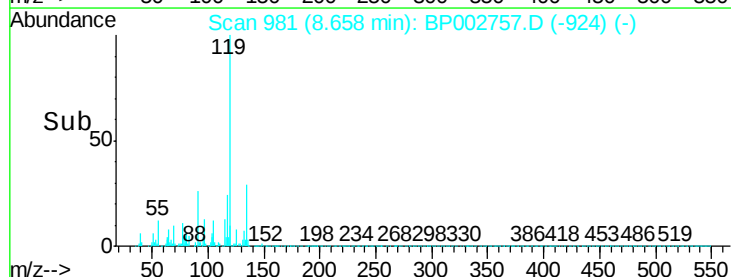
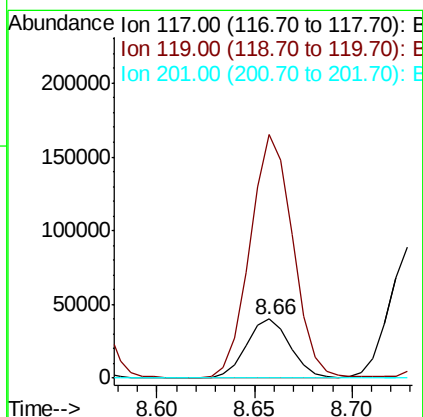
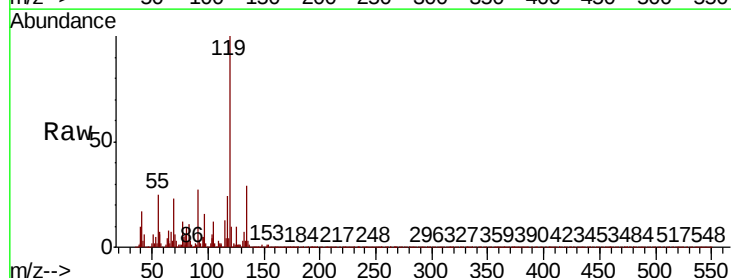
Tgt Ion: 117 Resp: 62095

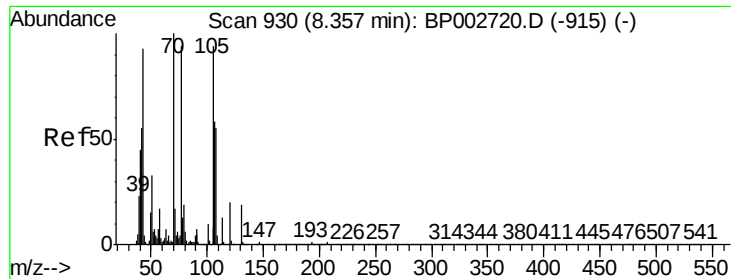
Ion Ratio Lower Upper

117 100

119 411.7 76.6 115.0#

201 0.0 80.3 120.5#

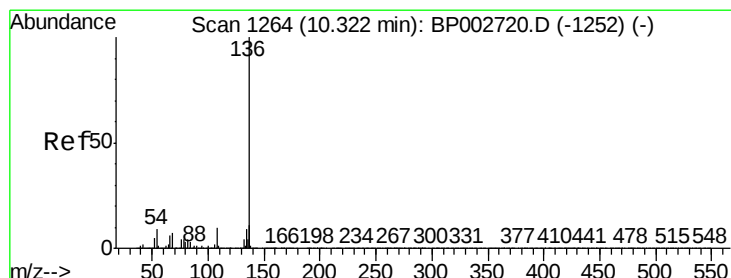
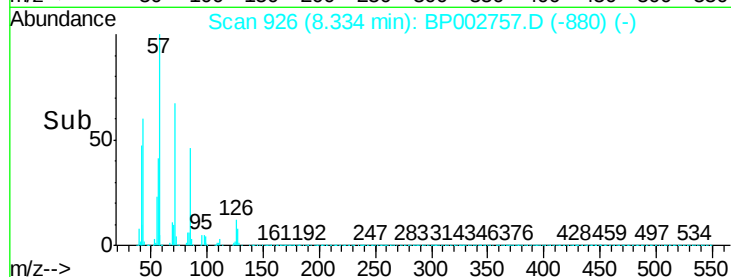
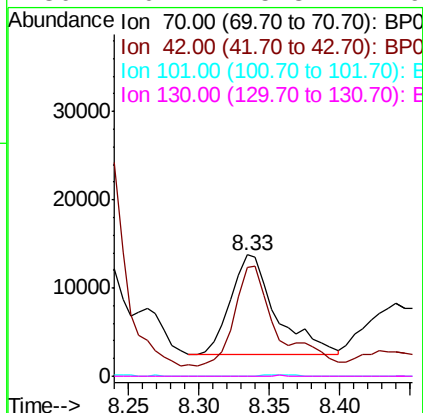
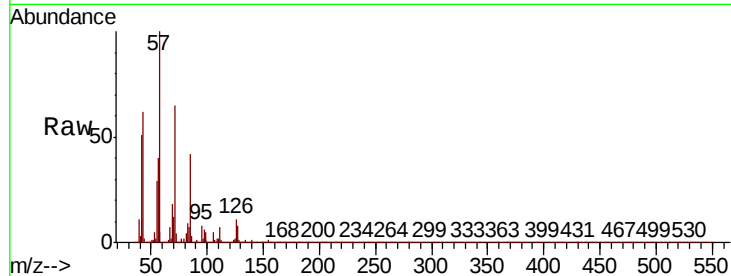




#19
n-Nitroso-di-n-propylamine
Concen: 3.371 ng
RT: 8.33 min Scan# 926
Delta R.T. -0.03 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

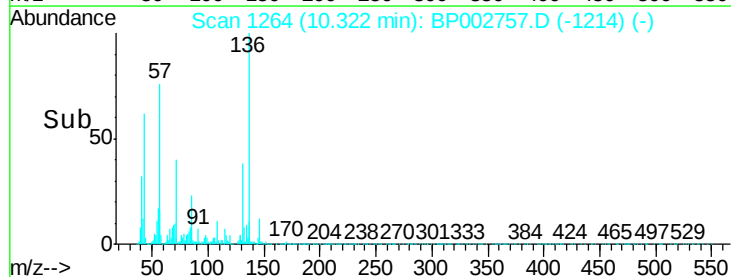
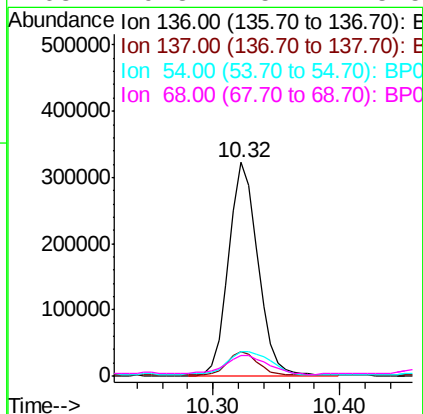
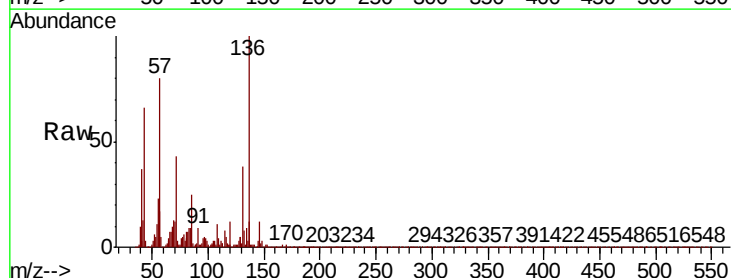
Instrument :
BNA_P
ClientSampleId :
TP-8A-D

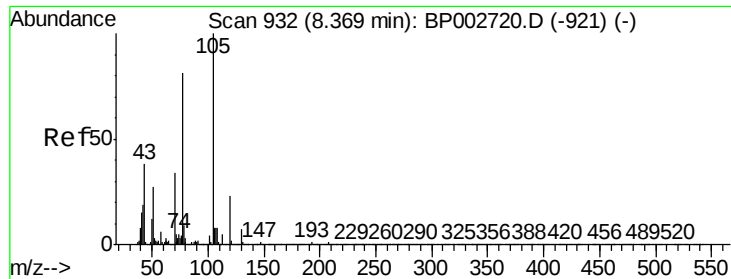
Tot Ion:	70	Resp:	25722
Ion	Ratio	Lower	Upper
70	100		
42	89.5	44.2	66.4#
101	0.2	7.7	11.5#
130	0.2	15.3	22.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Tgt Ion:	136	Resp:	515336
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	11.3	6.9	10.3#
68	9.8	5.7	8.5#

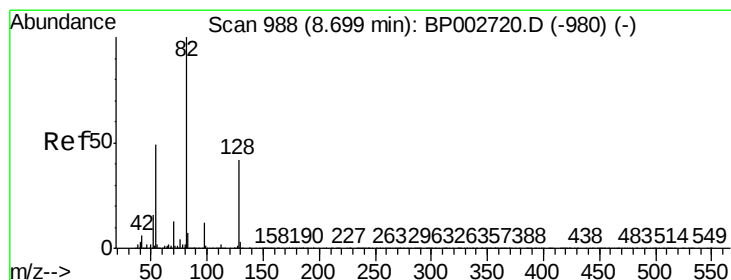
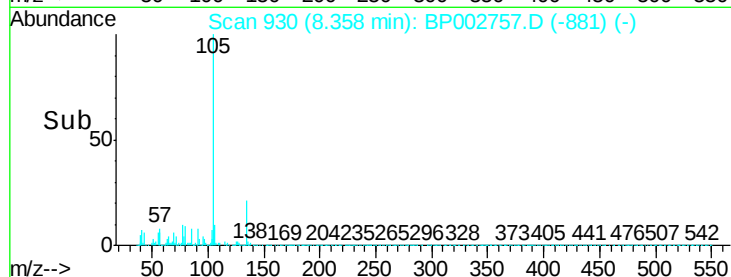
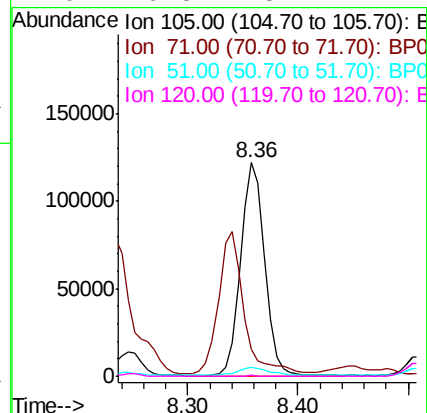
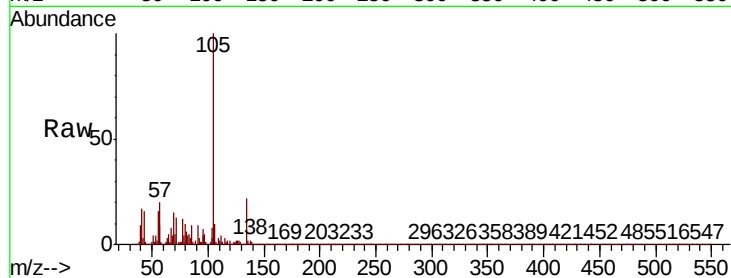




#22
Acetophenone
Concen: 14.609 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

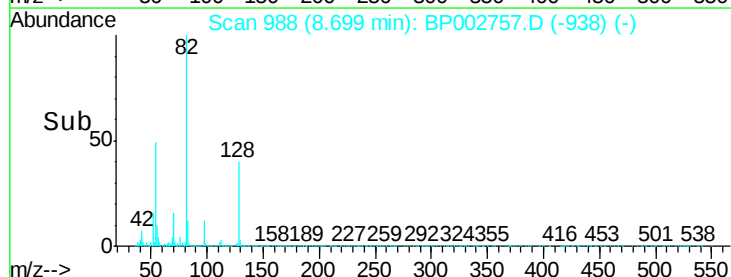
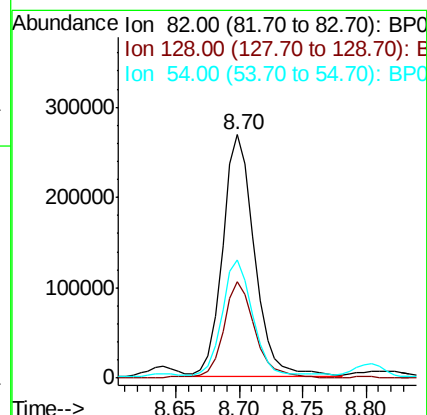
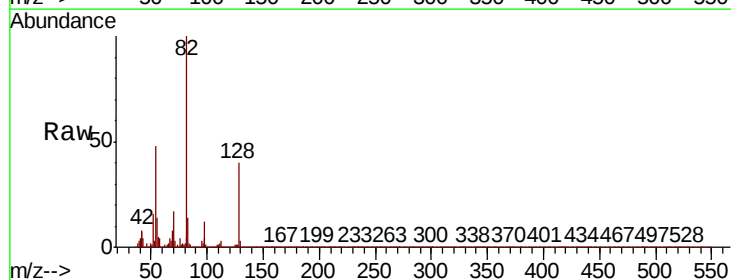
Instrument :
BNA_P
ClientSampleId :
TP-8A-D

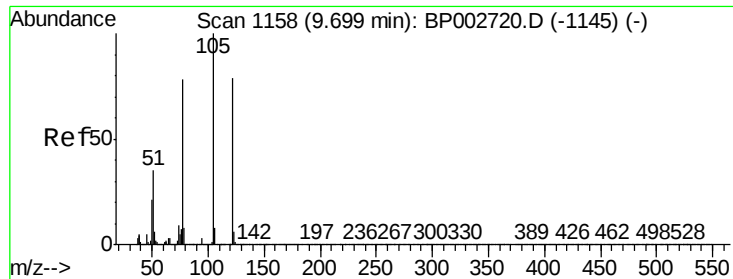
Tot Ion:	105	Resp:	185598
Ion	Ratio	Lower	Upper
105	100		
71	12.7	4.4	6.6#
51	4.3	21.8	32.8#
120	0.3	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 48.588 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Tgt Ion:	82	Resp:	468164
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.8	50.8
54	48.3	38.8	58.2

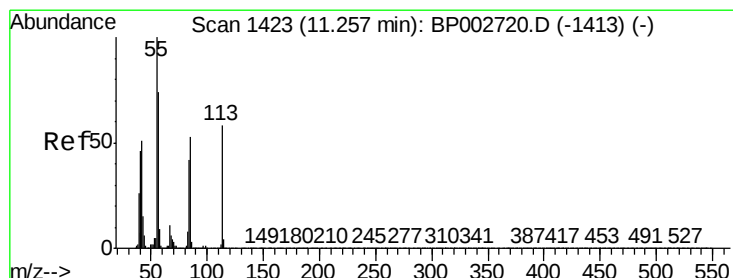
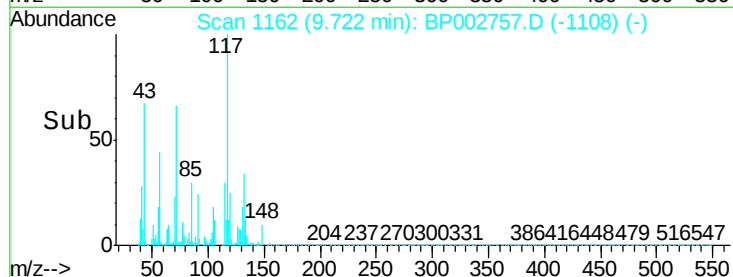
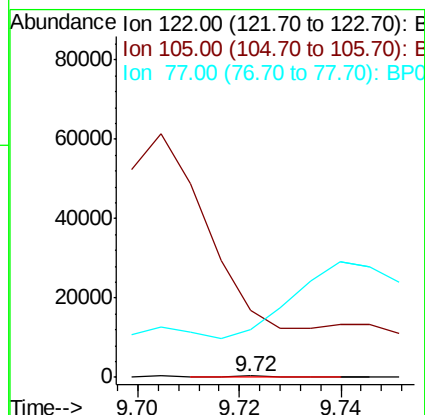
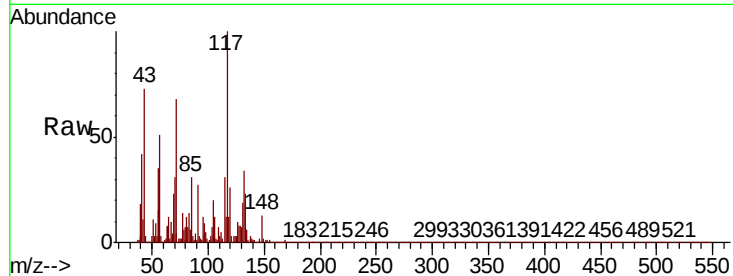




#32
Benzoic acid
Concen: 7.078 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

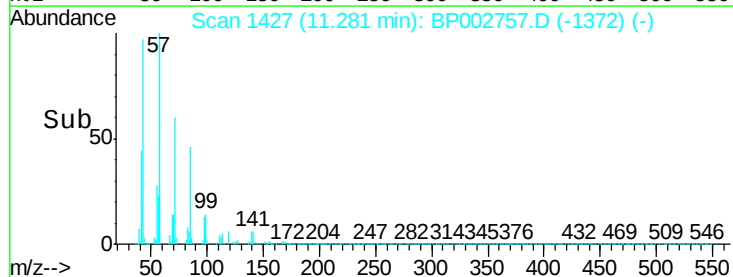
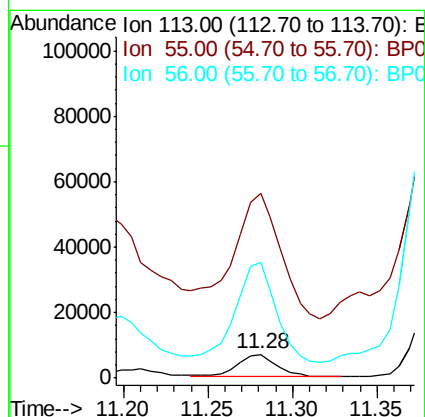
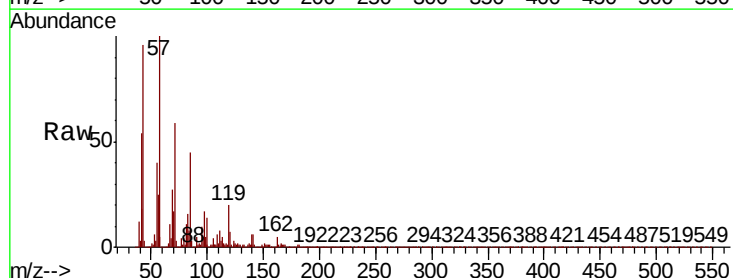
Instrument :
BNA_P
ClientSampleId :
TP-8A-D

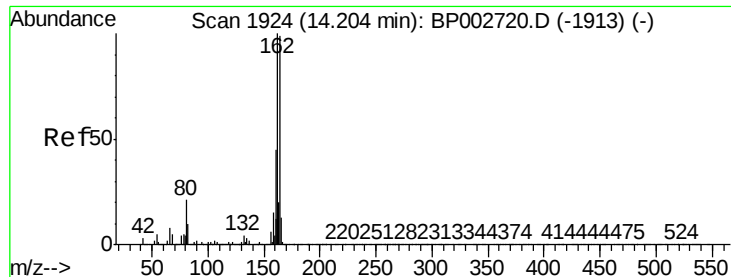
Tot Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 5894.4 105.4 145.4#
77 4180.6 78.5 118.5#



#35
Caprolactam
Concen: 3.947 ng
RT: 11.28 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Tgt Ion:113 Resp: 11132
Ion Ratio Lower Upper
113 100
55 776.0 152.8 192.8#
56 484.9 107.5 147.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP002757.D

Acq: 15 Jul 2020 16:47

Instrument :

BNA_P

ClientSampleId :

TP-8A-D

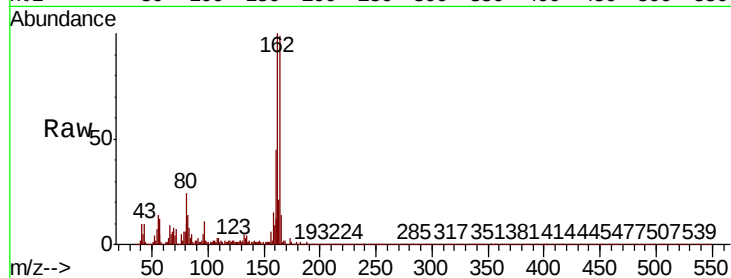
Tot Ion:164 Resp: 350710

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

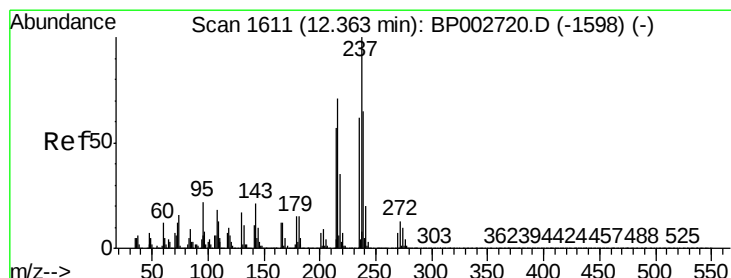
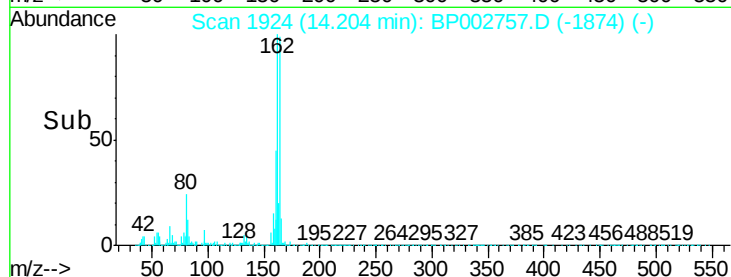
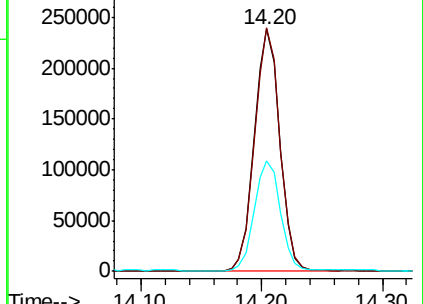
160 45.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

Hexachlorocyclopentadiene

Concen: 7.438 ng

RT: 12.36 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BP002757.D

Acq: 15 Jul 2020 16:47

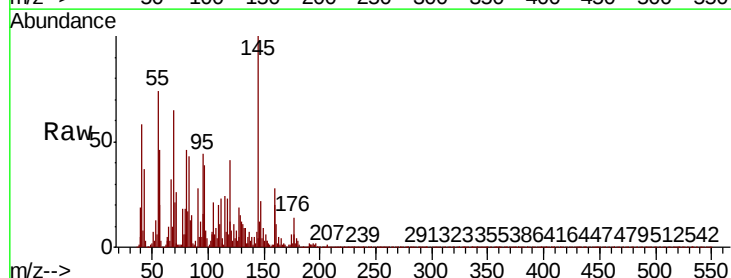
Tgt Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 95.0 42.3 82.3#

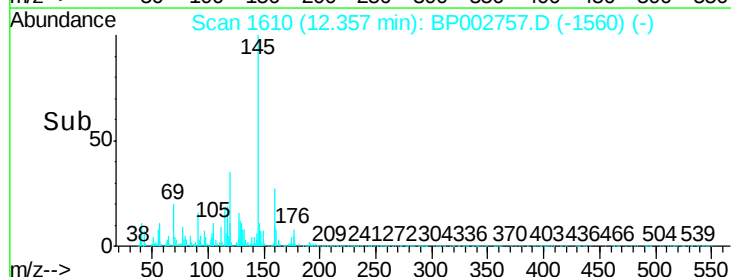
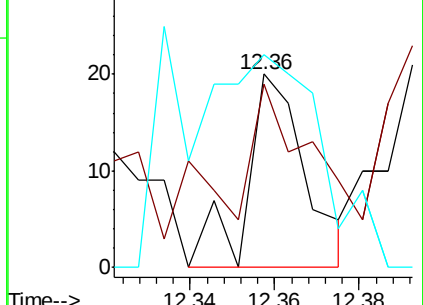
272 110.0 0.0 32.5#

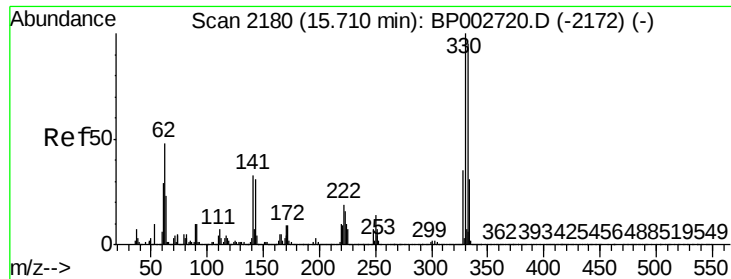


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

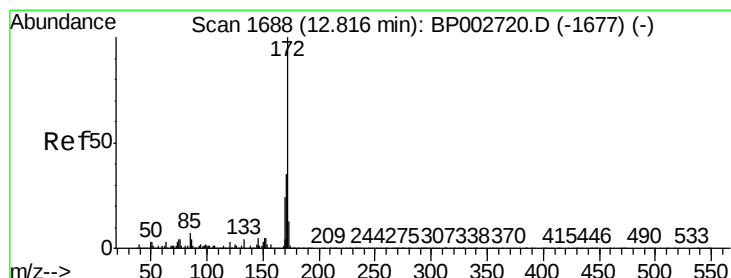
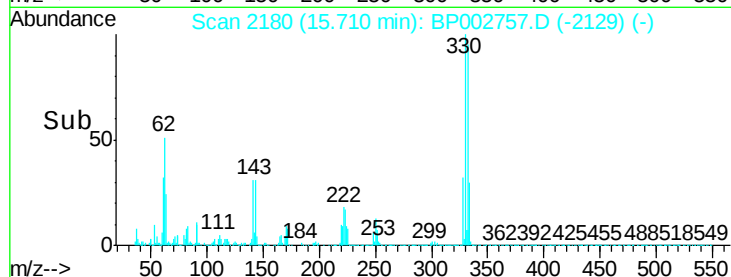
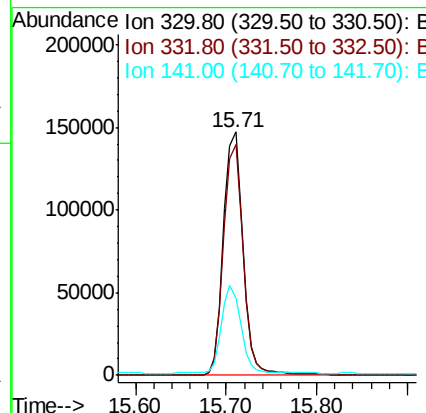
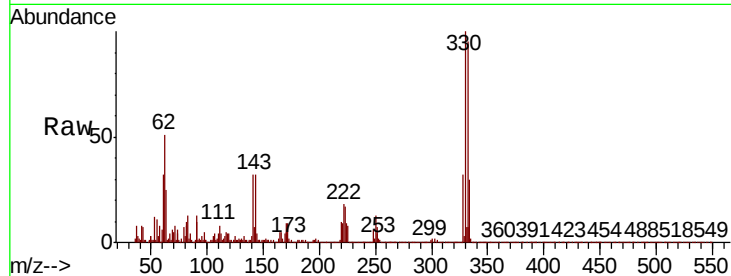




#42
 2,4,6-Tribromophenol
 Concen: 60.731 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002757.D
 Acq: 15 Jul 2020 16:47

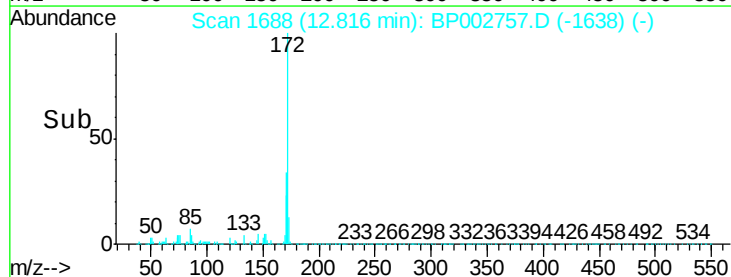
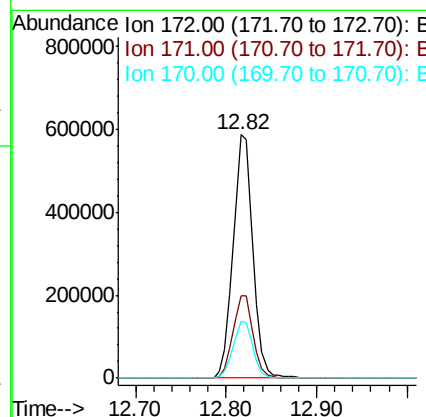
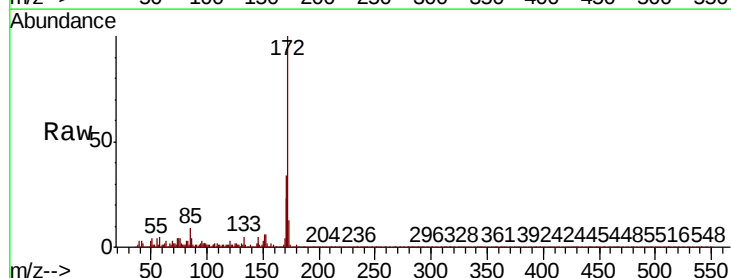
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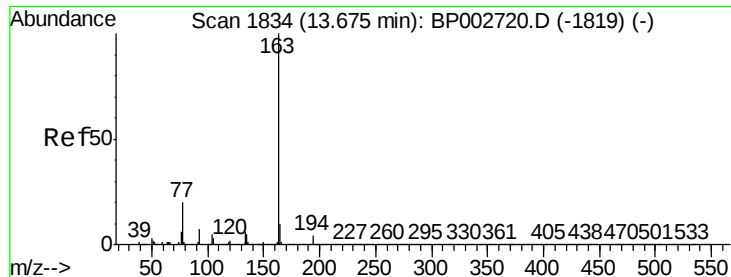
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.5	114.7
141	34.8	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 39.420 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002757.D
 Acq: 15 Jul 2020 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.1	42.1
170	23.4	19.3	28.9





#50

Dimethylphthalate

Concen: 6.391 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002757.D

Acq: 15 Jul 2020 16:47

Instrument :

BNA_P

ClientSampleId :

TP-8A-D

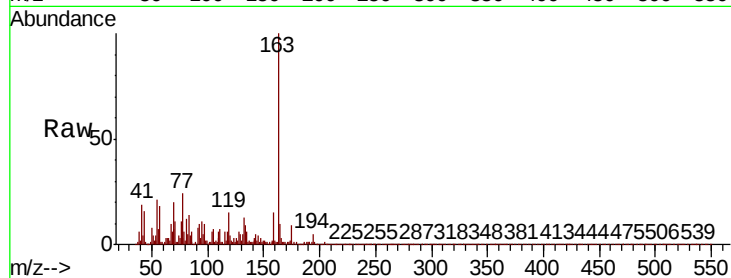
Tot Ion:163 Resp: 170941

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

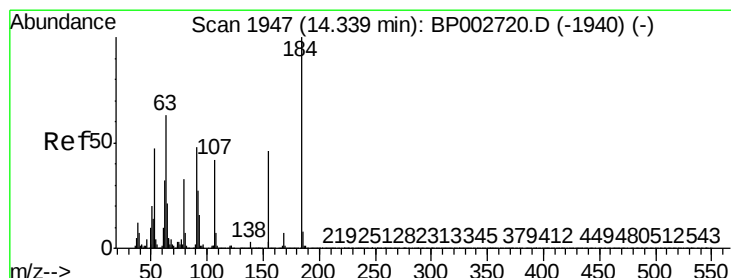
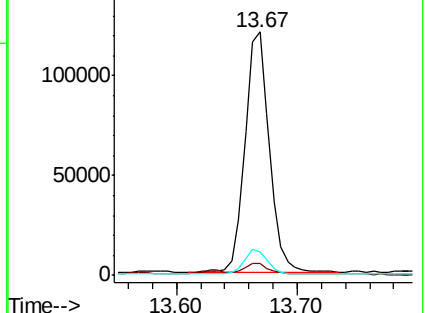
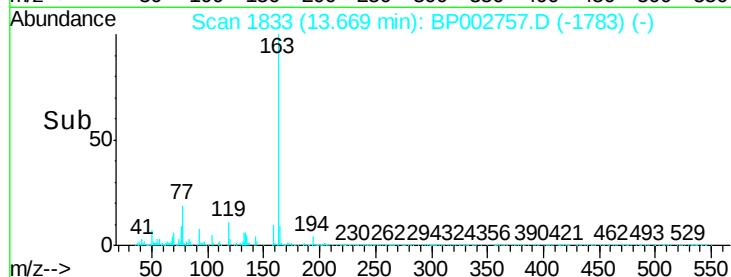
164 9.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 11.425 ng

RT: 14.34 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BP002757.D

Acq: 15 Jul 2020 16:47

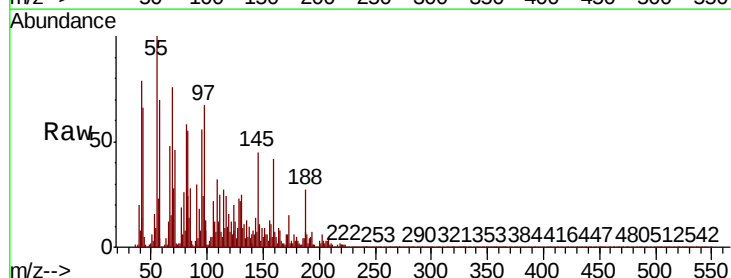
Tgt Ion:184 Resp: 190

Ion Ratio Lower Upper

184 100

63 645.6 51.6 77.4#

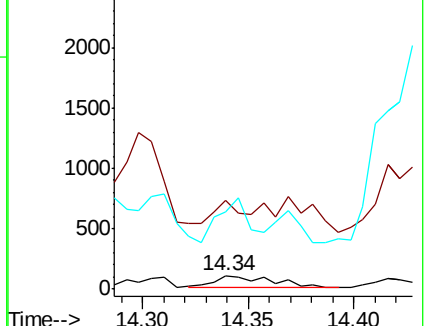
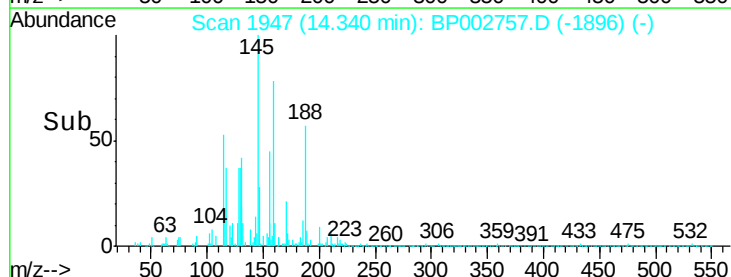
154 561.4 45.0 67.6#

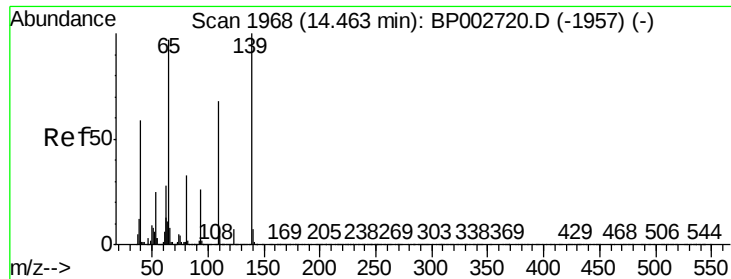


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

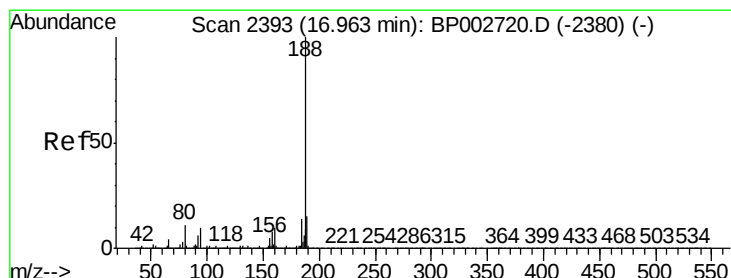
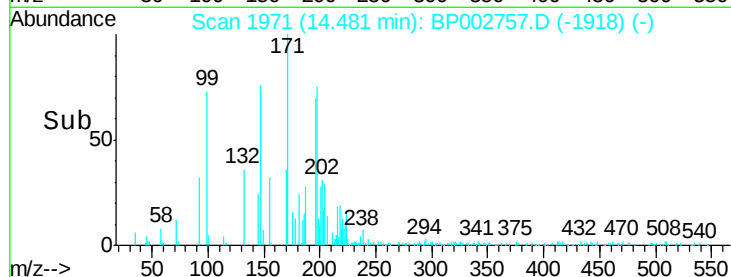
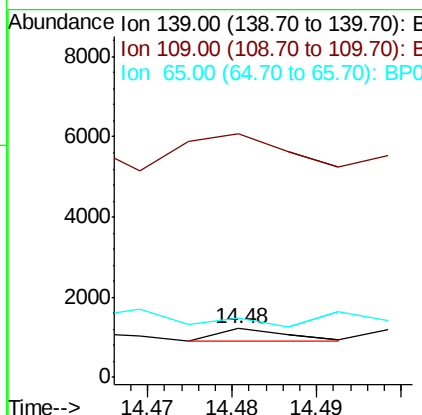
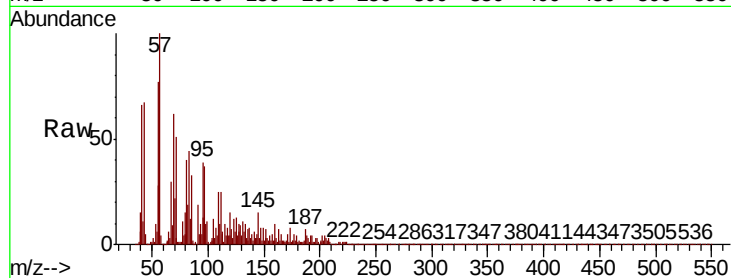




#56
4-Nitrophenol
Concen: 5.004 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

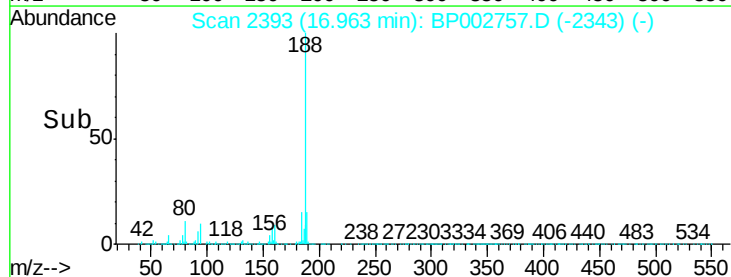
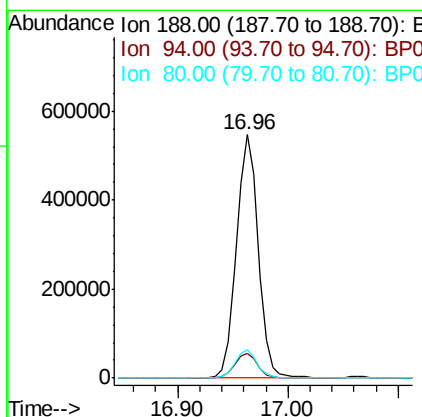
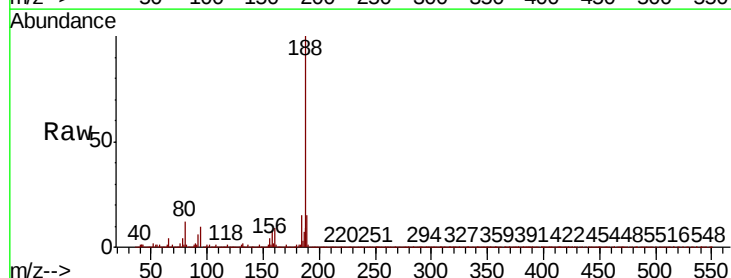
Instrument :
BNA_P
ClientSampleId :
TP-8A-D

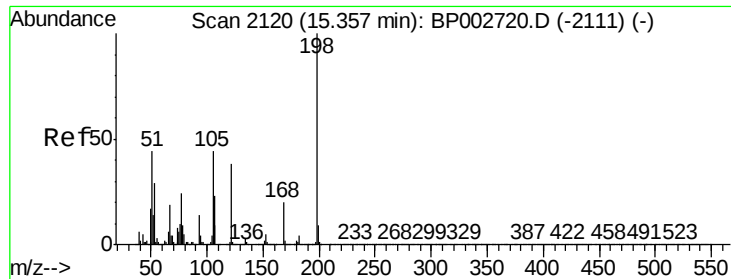
Tot Ion:139 Resp: 176
Ion Ratio Lower Upper
139 100
109 498.4 48.1 88.1#
65 120.8 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Tgt Ion:188 Resp: 762219
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.6 8.9 13.3

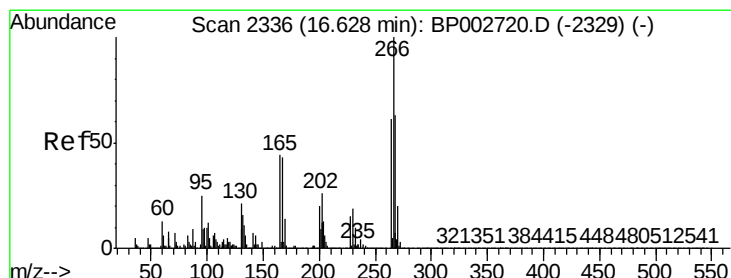
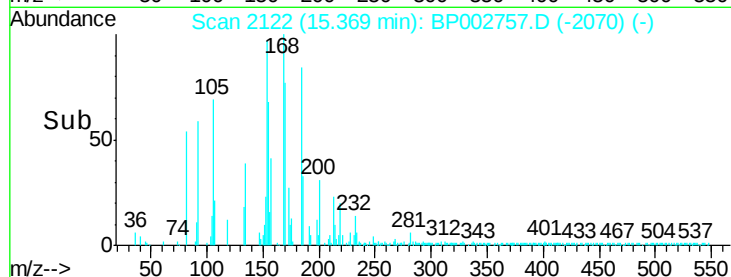
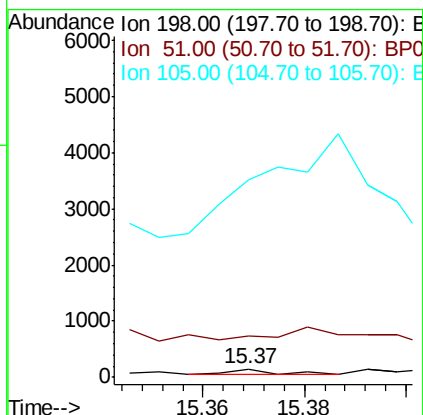
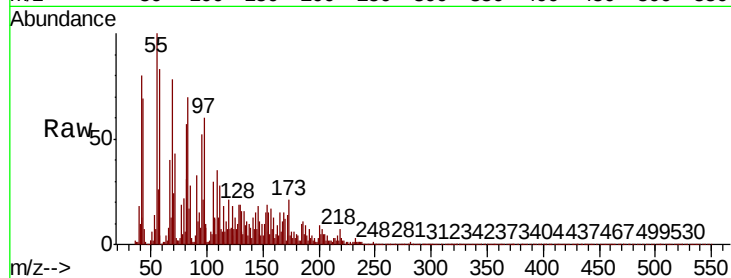




#65
4,6-Dinitro-2-methylphenol
Concen: 5.277 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

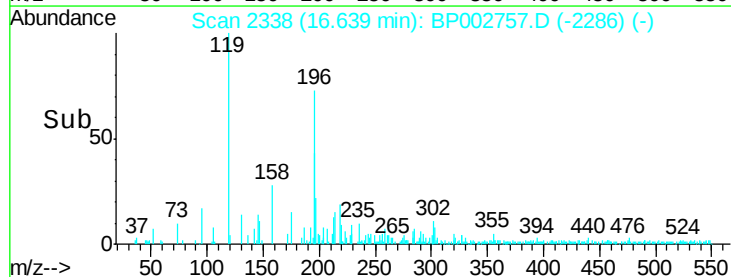
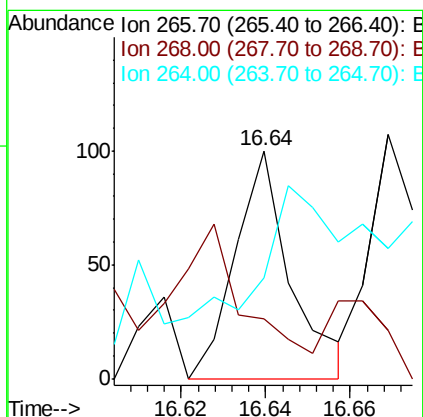
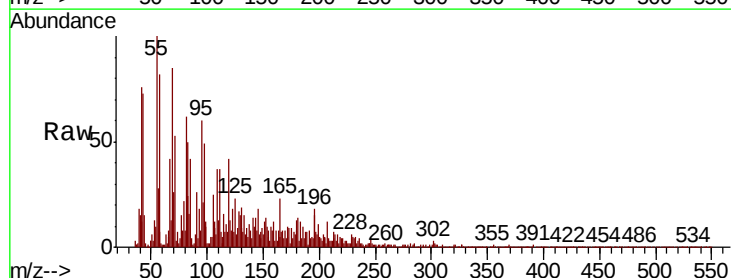
Instrument :
BNA_P
ClientSampleId :
TP-8A-D

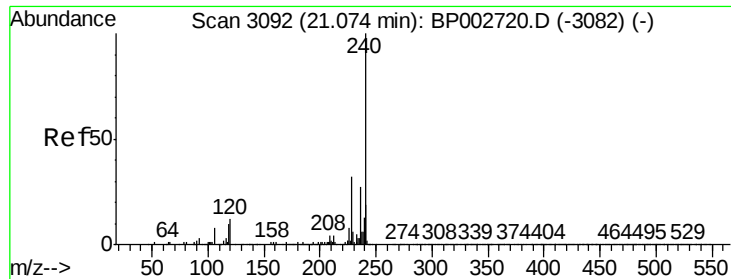
Tot Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 489.5 27.1 67.1#
105 2319.1 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.461 ng
RT: 16.64 min Scan# 2338
Delta R.T. 0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Tgt Ion:266 Resp: 91
Ion Ratio Lower Upper
266 100
268 26.0 50.6 75.8#
264 44.0 48.6 72.8#

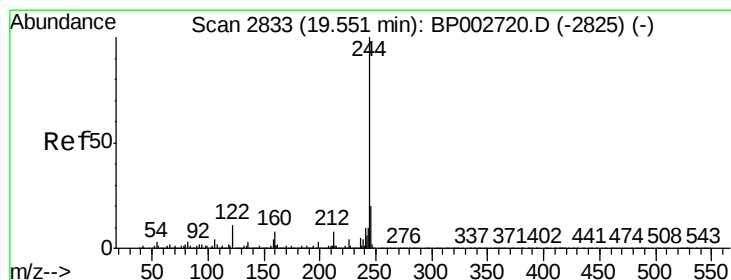
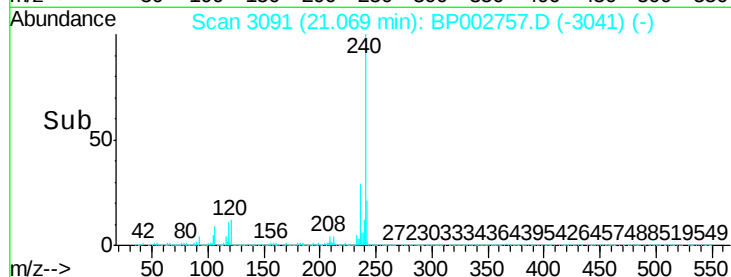
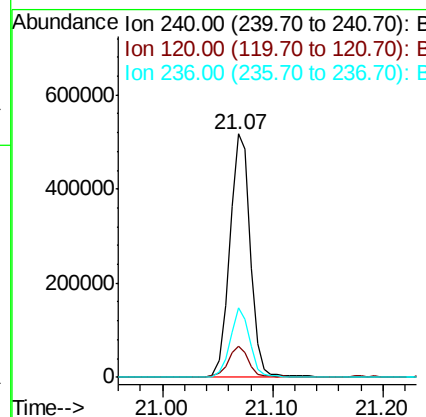
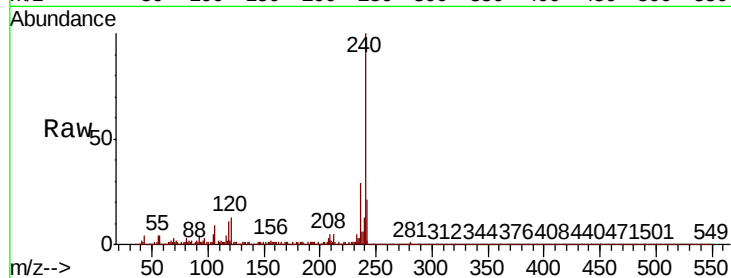




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002757.D
 Acq: 15 Jul 2020 16:47

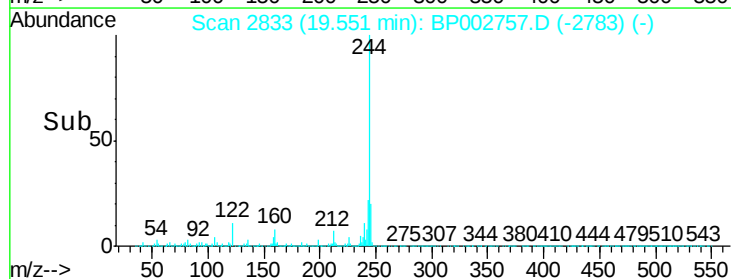
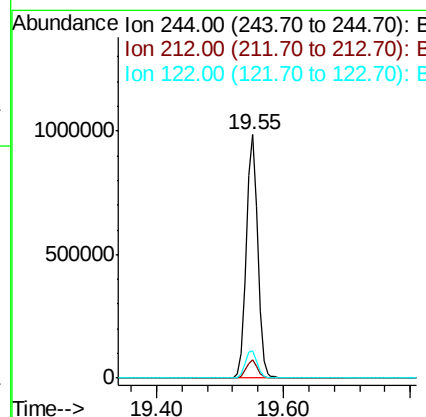
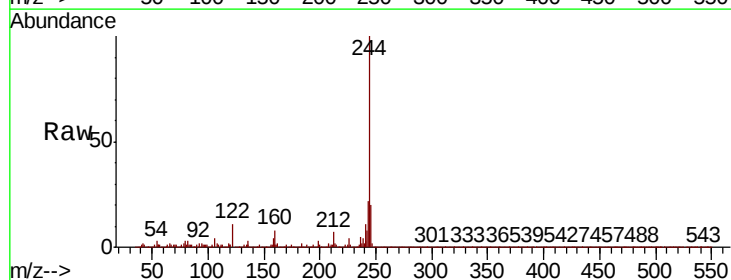
Instrument :
 BNA_P
 ClientSampleId :
 TP-8A-D

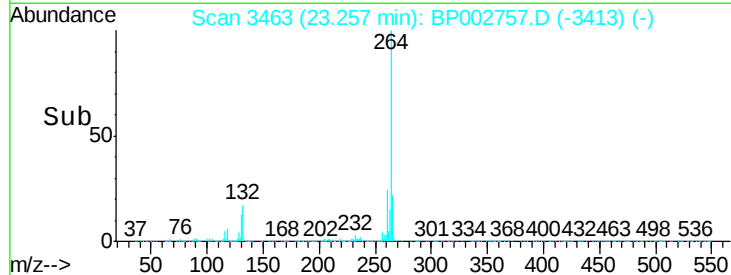
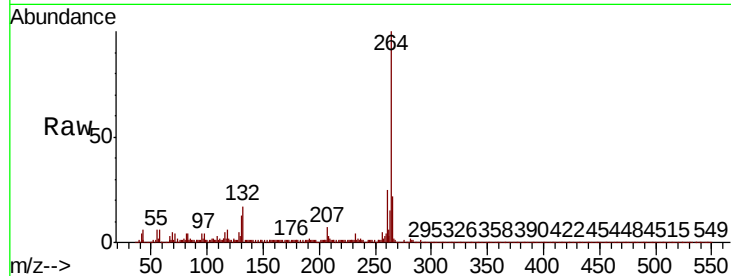
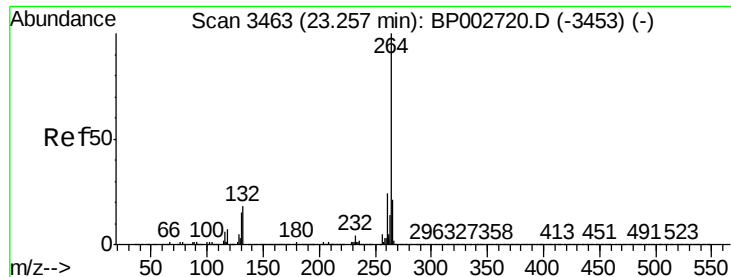
Tot Ion:240 Resp: 670009
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.4 14.2
 236 28.8 21.3 31.9



#79
 Terphenyl-d14
 Concen: 40.946 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002757.D
 Acq: 15 Jul 2020 16:47

Tgt Ion:244 Resp: 1196564
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.0 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002757.D
Acq: 15 Jul 2020 16:47

Instrument :
BNA_P
ClientSampleId :
TP-8A-D

Tot Ion:	264	Resp:	657368
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.2	16.8	25.2

