

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002847.D
 Acq On : 23 Jul 2020 19:02
 Operator : CG/JU
 Sample : L3381-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 24 00:59:55 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

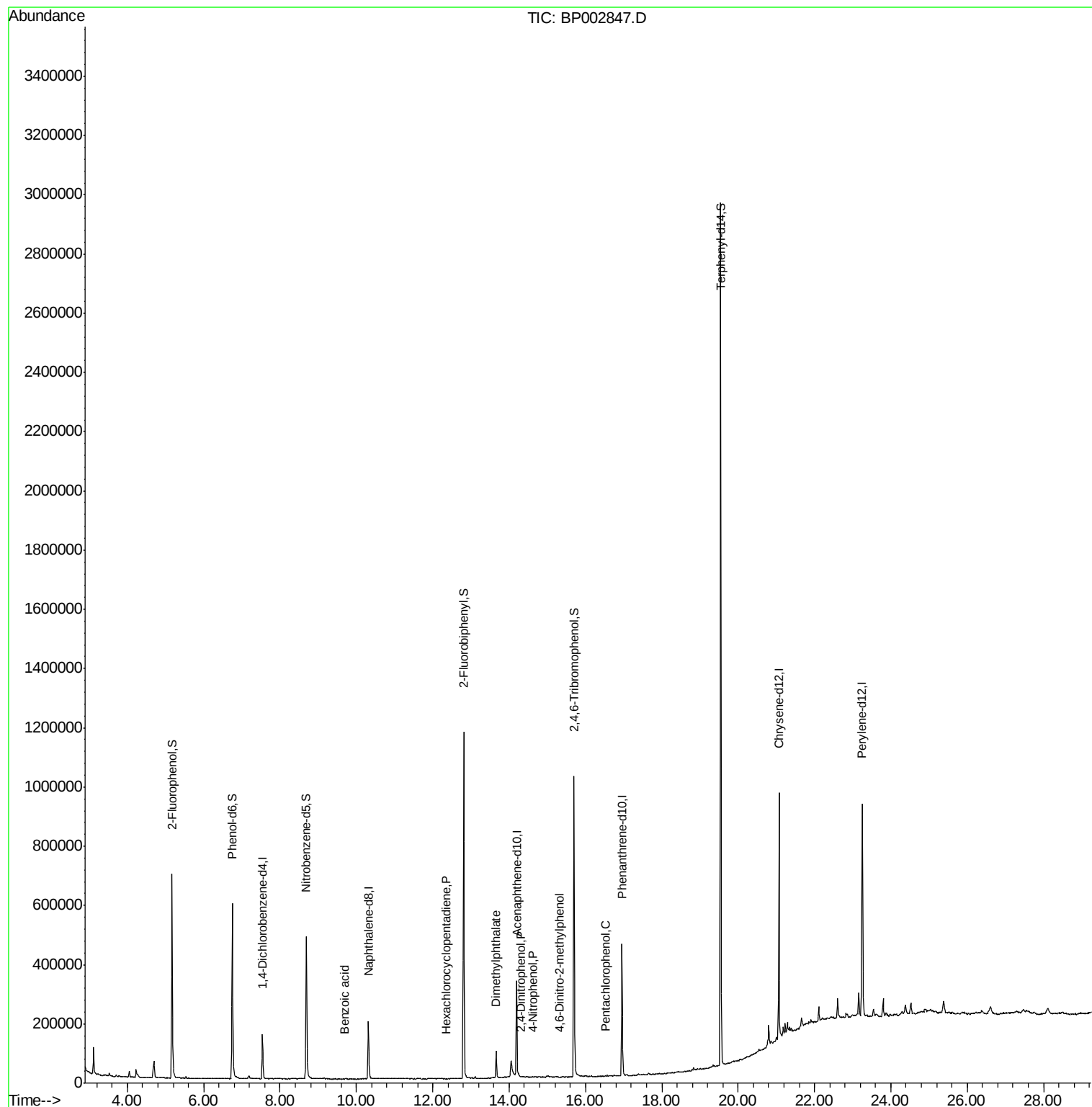
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	41897	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	175323	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	114542	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	267062	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	380550	20.00	ng	0.00
86) Perylene-d12	23.25	264	492339	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	332822	134.03	ng	-0.01
7) Phenol-d6	6.75	99	405360	114.38	ng	-0.01
23) Nitrobenzene-d5	8.69	82	312237	95.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	190903	159.67	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	649849	87.77	ng	-0.01
79) Terphenyl-d14	19.54	244	1242997	74.89	ng	-0.01
Target Compounds						
32) Benzoic acid	9.70	122	10	7.067	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.36	237	43	7.459	ng	92
50) Dimethylphthalate	13.66	163	64089	7.337	ng	98
54) 2,4-Dinitrophenol	14.32	184	26	11.395	ng	# 1
56) 4-Nitrophenol	14.62	139	134	5.047	ng	91
65) 4,6-Dinitro-2-methylphenol	15.32	198	9	5.272	ng	# 1
70) Pentachlorophenol	16.52	266	23	7.455	ng	89

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

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Response via : Initial Calibration



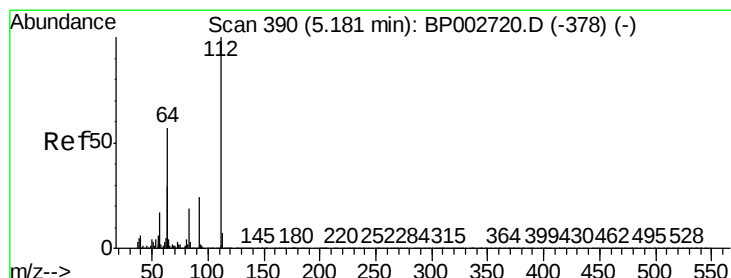
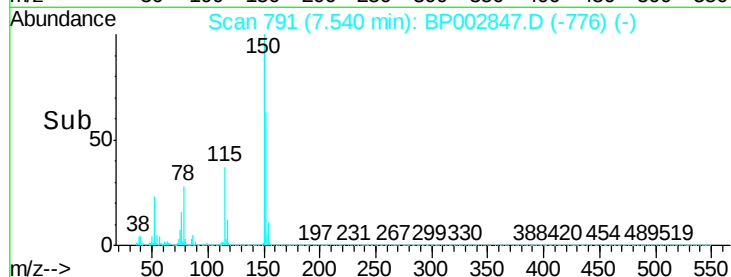
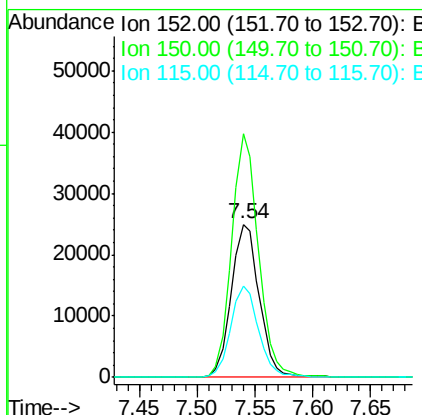
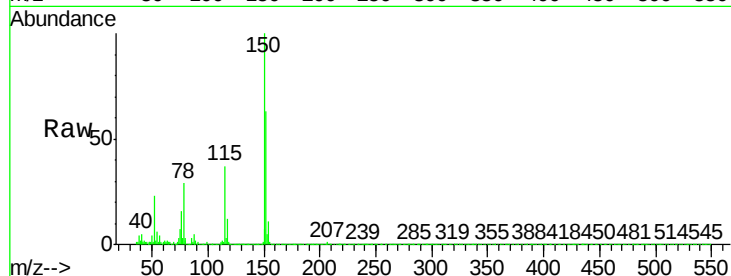


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

Instrument :
BNA_P
ClientSampleId :

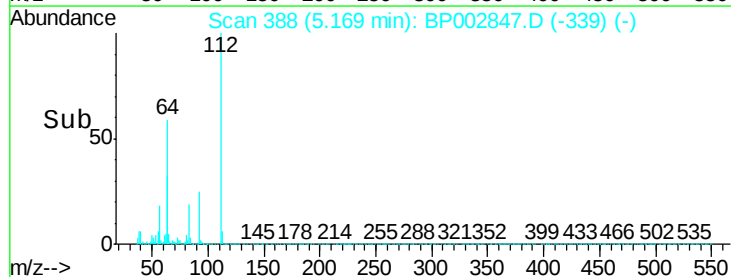
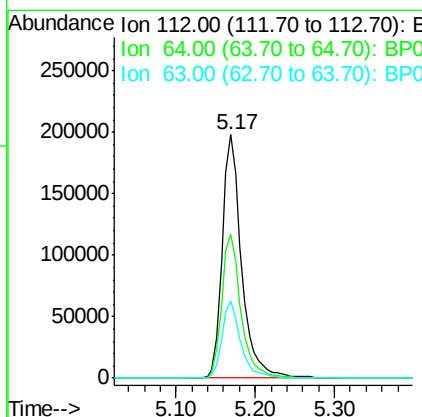
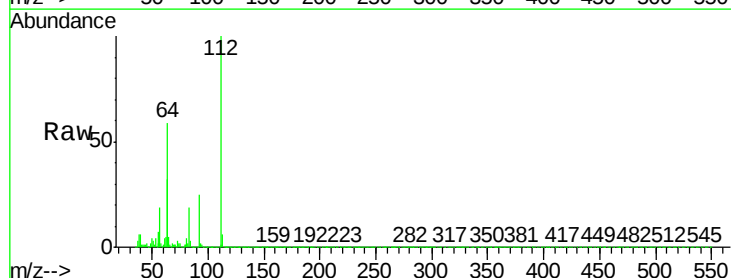
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.7	185.5
115	59.6	47.2	70.8

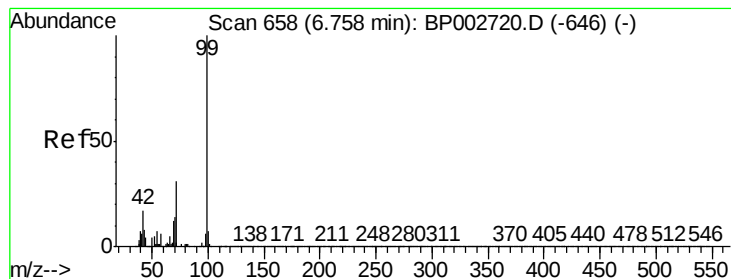


#5

2-Fluorophenol
Concen: 134.027 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.6	68.4
63	31.6	23.5	35.3





#7

Phenol-d6

Concen: 114.379 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BP002847.D

Acq: 23 Jul 2020 19:02

Instrument :

BNA_P

ClientSampled :

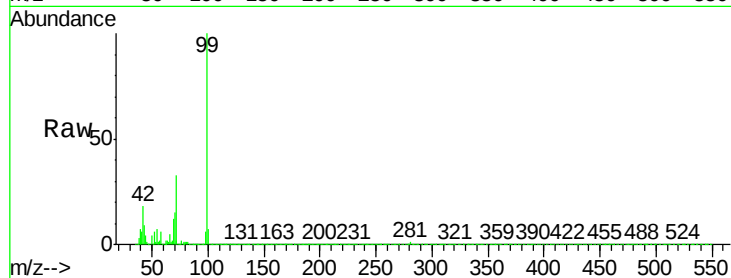
Tot Ion: 99 Resp: 405360

Ion Ratio Lower Upper

99 100

42 18.2 13.4 20.2

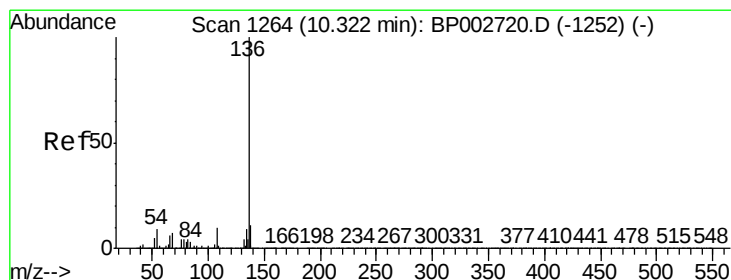
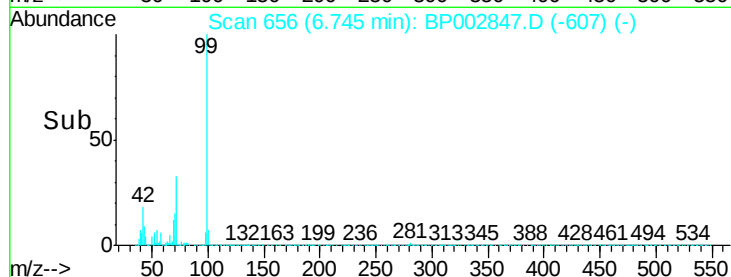
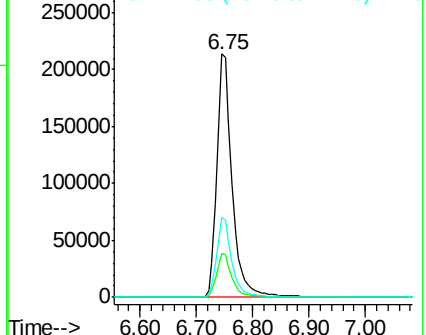
71 32.9 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002847.D

Acq: 23 Jul 2020 19:02

Tgt Ion: 136 Resp: 175323

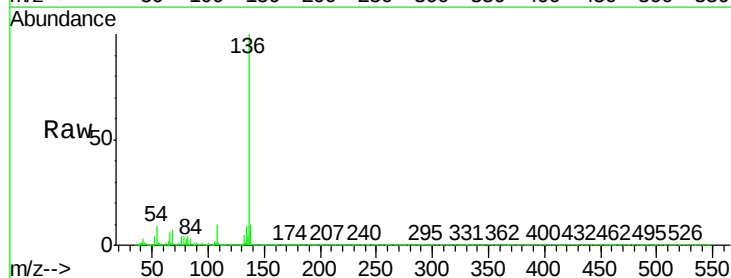
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 8.7 6.9 10.3

68 7.0 5.7 8.5

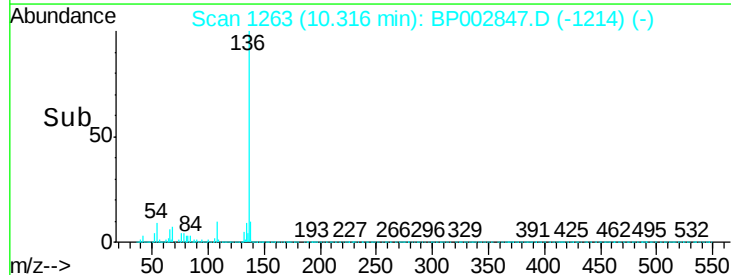
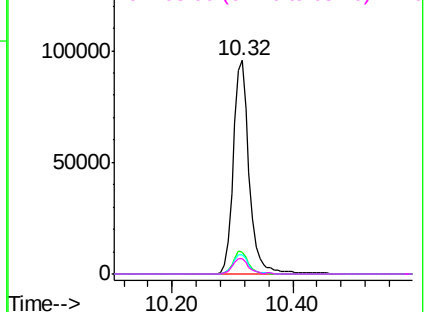


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

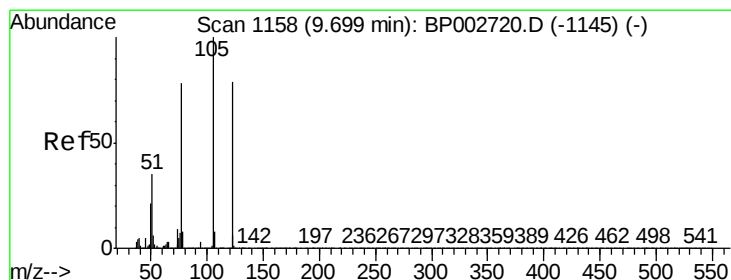
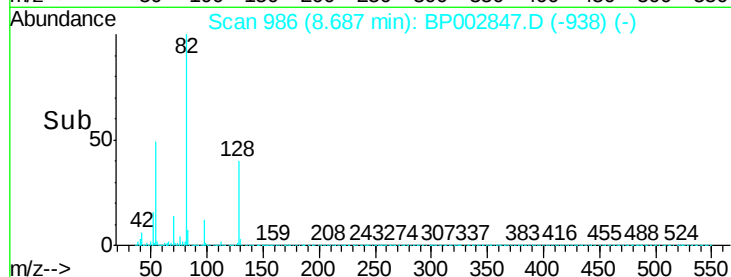
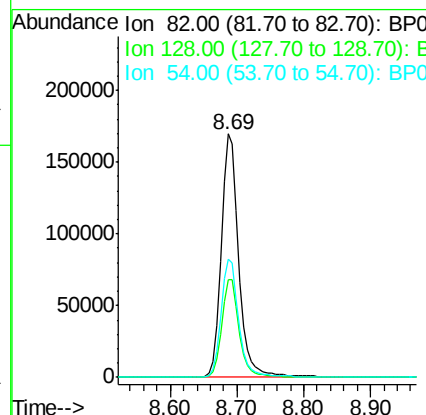
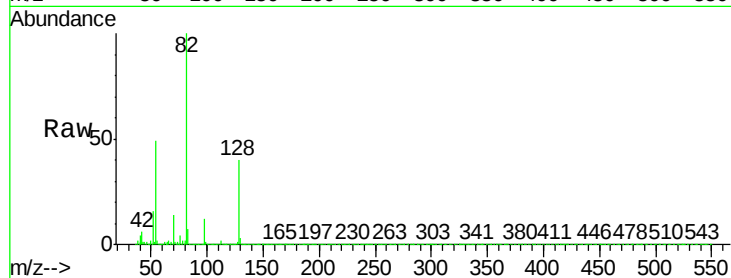




#23
 Nitrobenzene-d5
 Concen: 95.250 ng
 RT: 8.69 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BP002847.D
 Acq: 23 Jul 2020 19:02

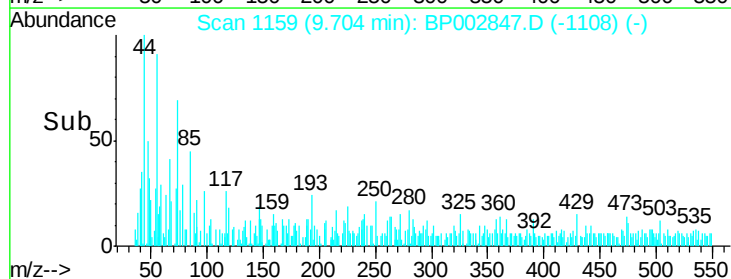
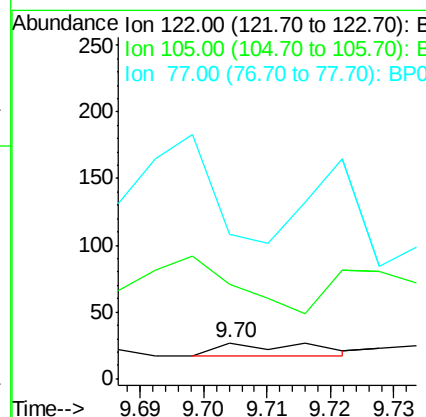
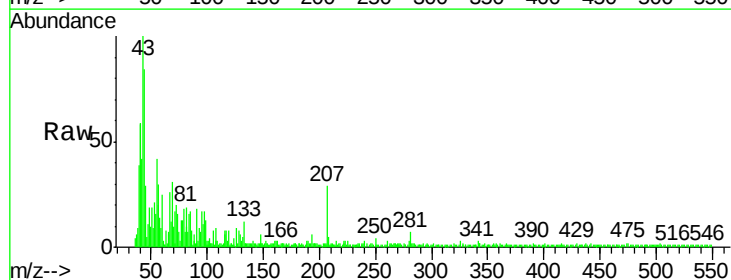
Instrument :
 BNA_P
 ClientSampled :

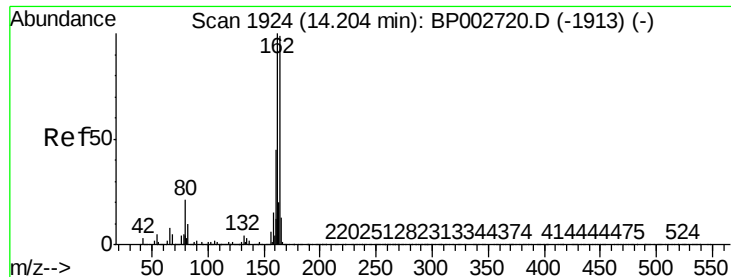
Tot Ion:	82	Resp:	312237
Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.8	50.8
54	48.6	38.8	58.2



#32
 Benzoic acid
 Concen: 7.067 ng
 RT: 9.70 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BP002847.D
 Acq: 23 Jul 2020 19:02

Tgt Ion:	122	Resp:	10
Ion	Ratio	Lower	Upper
122	100		
105	263.0	105.4	145.4#
77	400.0	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002847.D

Acq: 23 Jul 2020 19:02

Instrument :

BNA_P

ClientSampled :

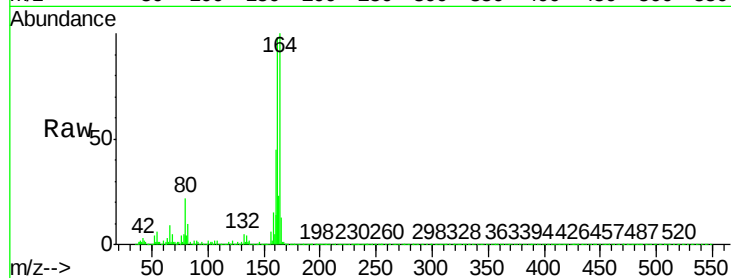
Tot Ion:164 Resp: 114542

Ion Ratio Lower Upper

164 100

162 98.4 80.6 121.0

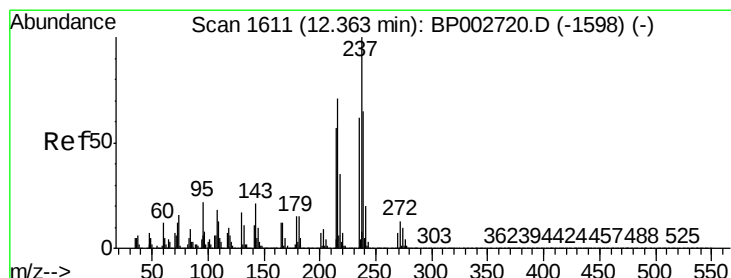
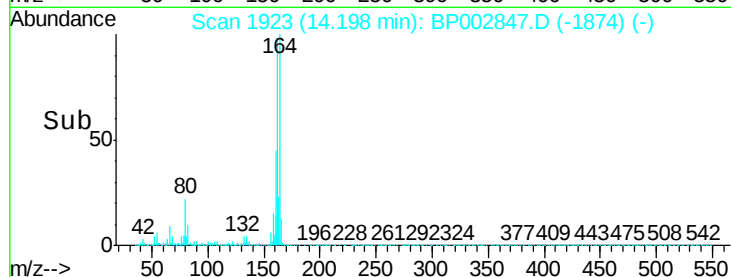
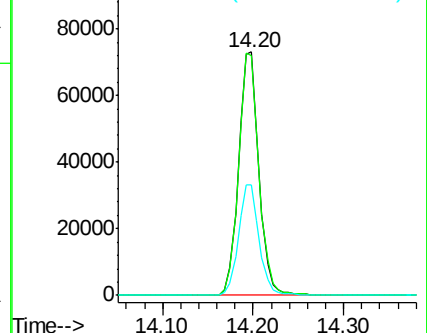
160 45.3 36.4 54.6



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: 7.459 ng

RT: 12.36 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BP002847.D

Acq: 23 Jul 2020 19:02

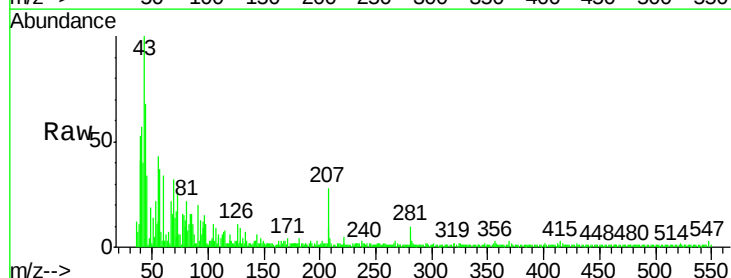
Tgt Ion:237 Resp: 43

Ion Ratio Lower Upper

237 100

235 65.4 42.3 82.3

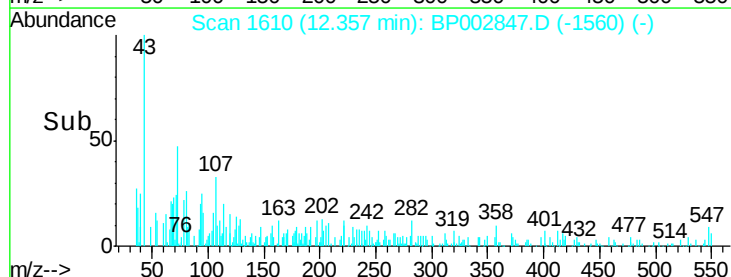
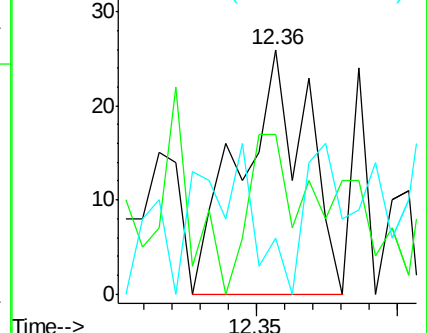
272 23.1 0.0 32.5

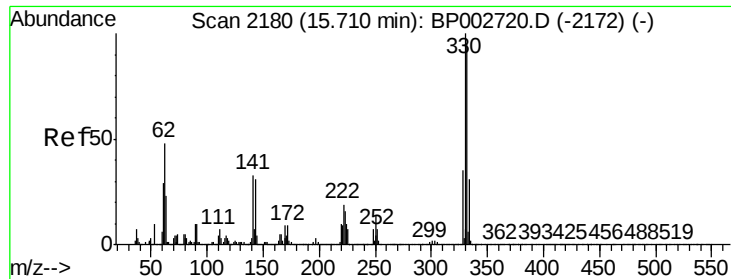


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

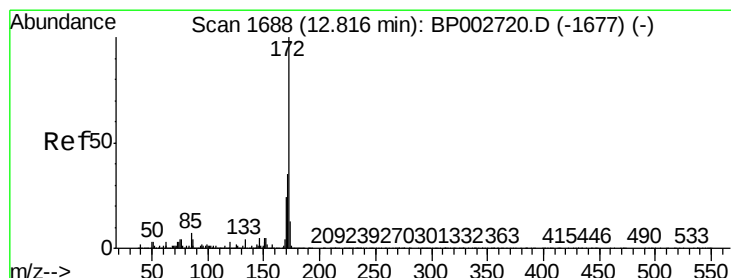
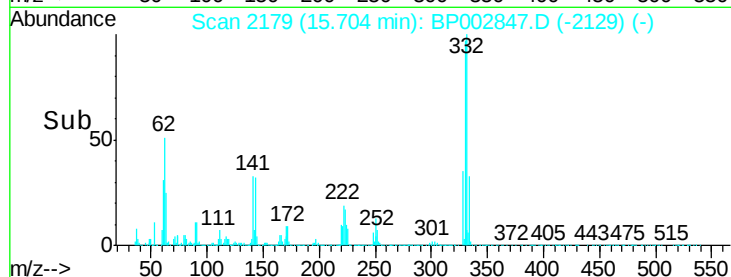
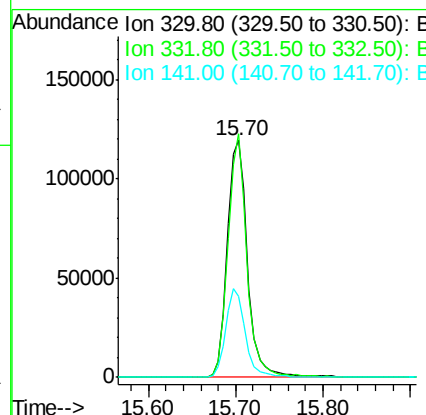
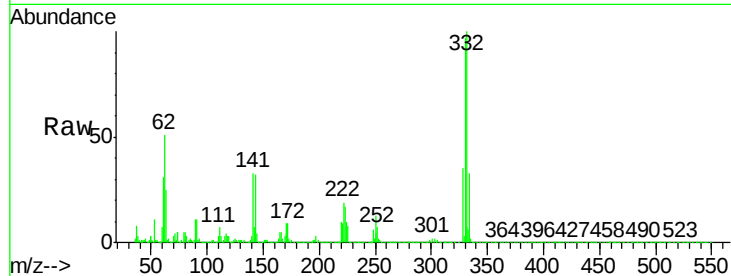




#42
 2,4,6-Tribromophenol
 Concen: 159.666 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002847.D
 Acq: 23 Jul 2020 19:02

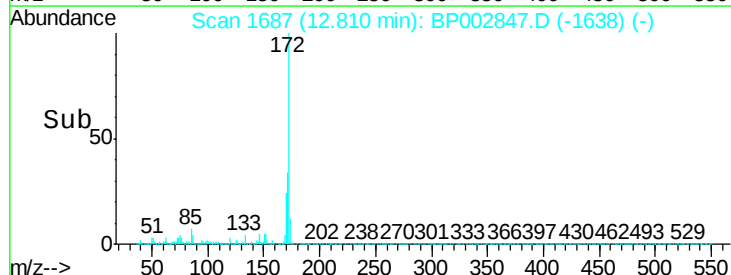
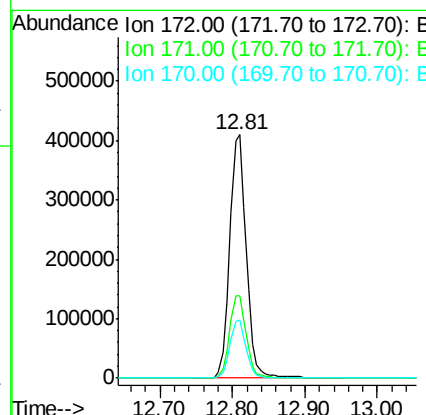
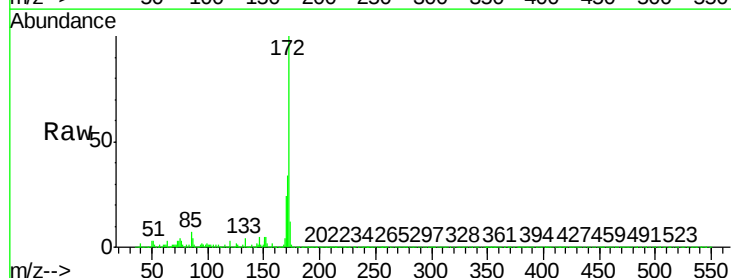
Instrument :
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 ClientSampleId :

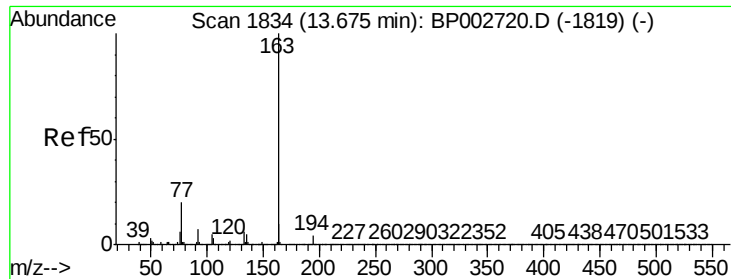
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.5	114.7
141	36.4	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 87.767 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002847.D
 Acq: 23 Jul 2020 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.1	42.1
170	23.7	19.3	28.9

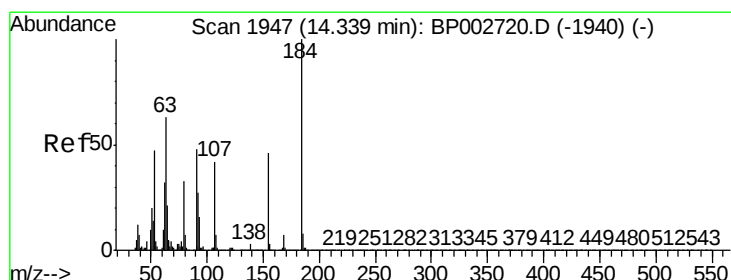
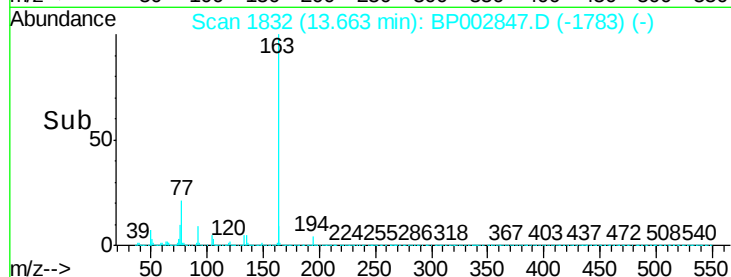
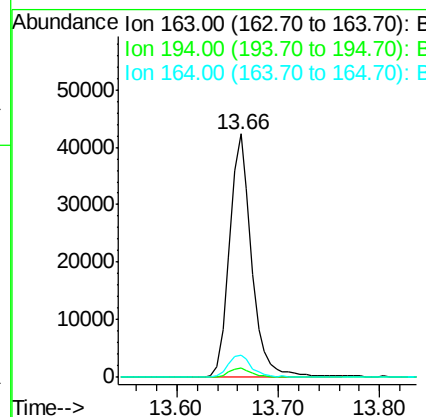
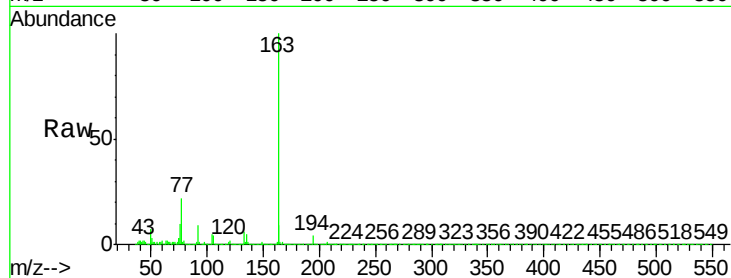




#50
Dimethylphthalate
Concen: 7.337 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

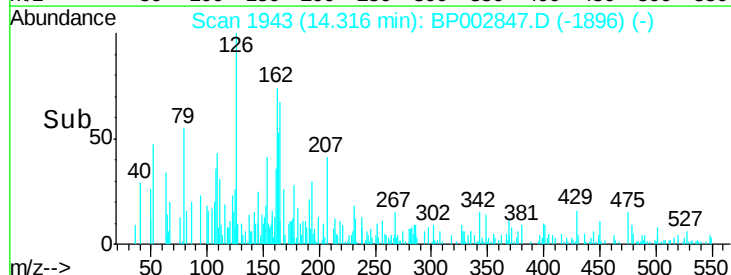
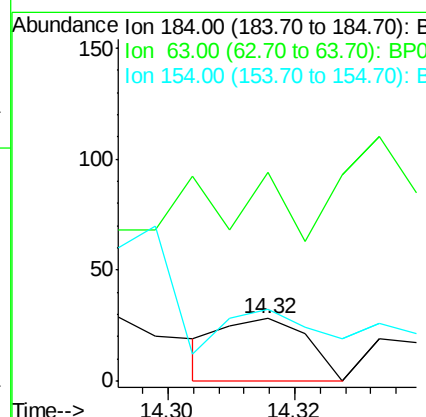
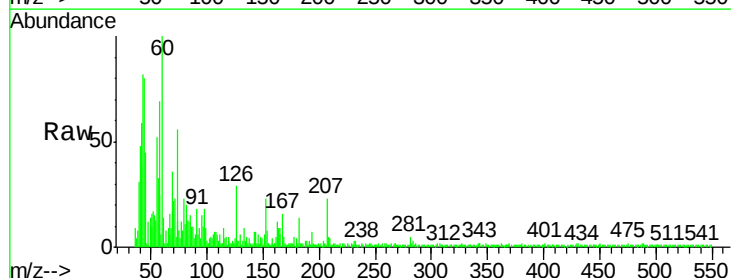
Instrument :
BNA_P
ClientSampled :

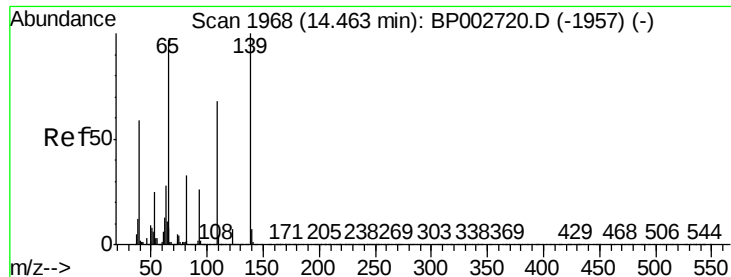
Tot Ion:163 Resp: 64089
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.0 7.8 11.8



#54
2,4-Dinitrophenol
Concen: 11.395 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 335.7 51.6 77.4#
154 114.3 45.0 67.6#

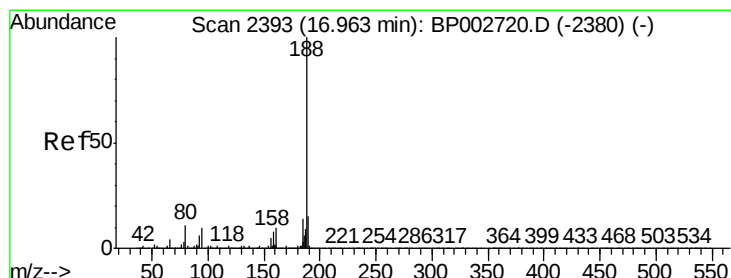
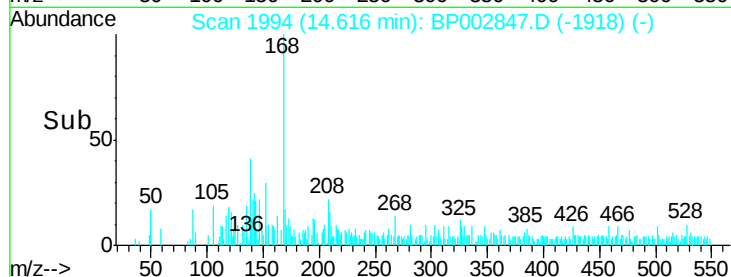
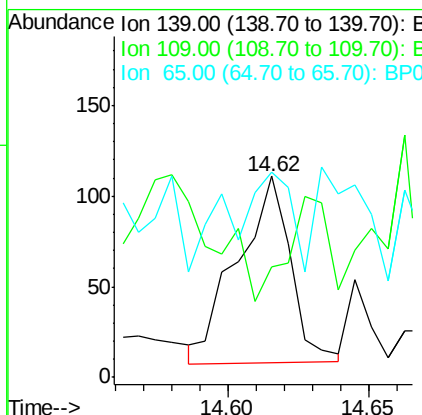
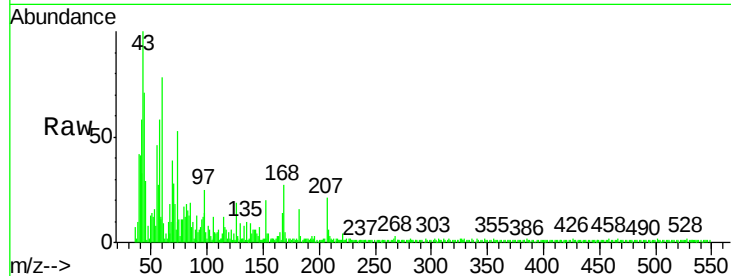




#56
4-Nitrophenol
Concen: 5.047 ng
RT: 14.62 min Scan# 1994
Delta R.T. 0.15 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

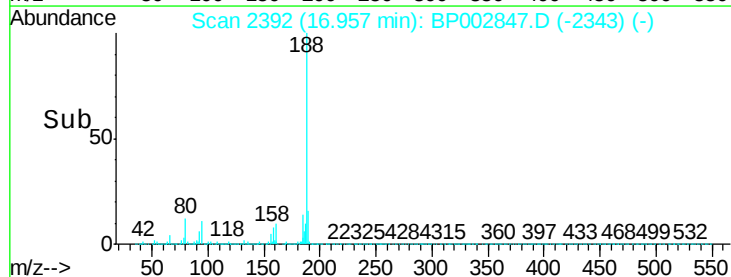
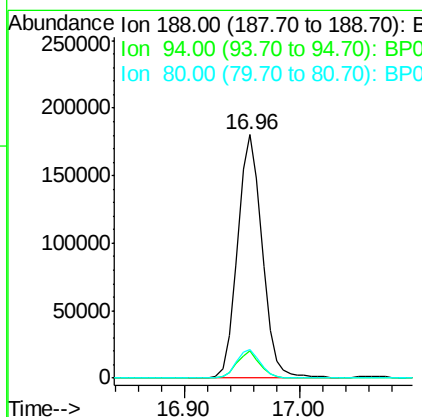
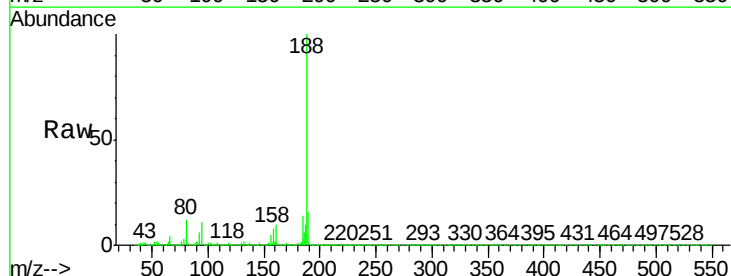
Instrument :
BNA_P
ClientSampled :

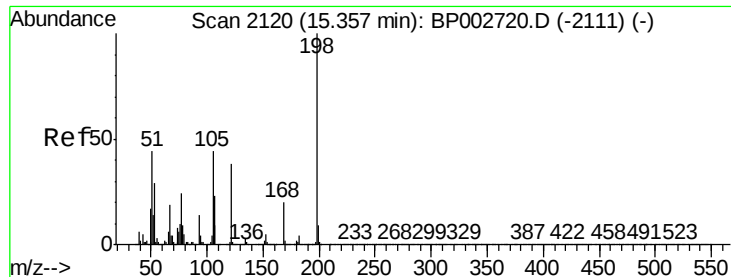
Tot Ion:139 Resp: 134
Ion Ratio Lower Upper
139 100
109 55.0 48.1 88.1
65 101.8 77.9 117.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

Tgt Ion:188 Resp: 267062
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 11.6 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 5.272 ng

RT: 15.32 min Scan# 2114

Delta R.T. -0.04 min

Lab File: BP002847.D

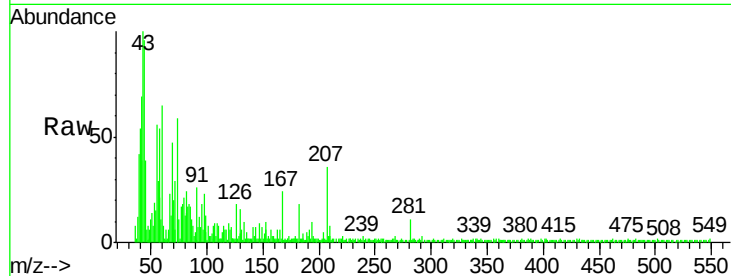
Acq: 23 Jul 2020 19:02

Instrument :

BNA_P

ClientSampleId :

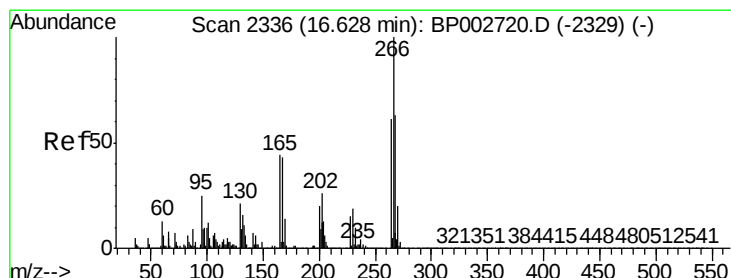
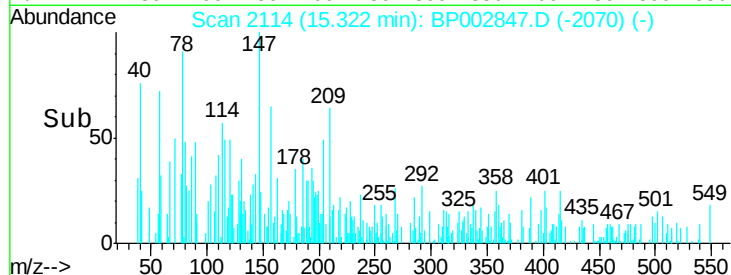
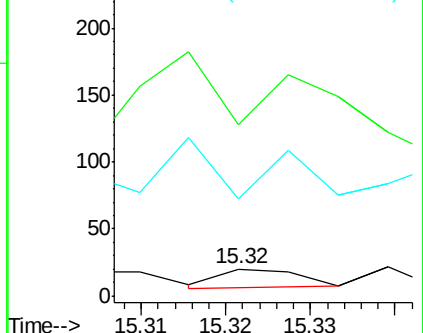
Tot Ion:	198	Resp:	9
Ion	Ratio	Lower	Upper
198	100		
51	640.0	27.1	67.1#
105	360.0	24.9	64.9#



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



#70

Pentachlorophenol

Concen: 7.455 ng

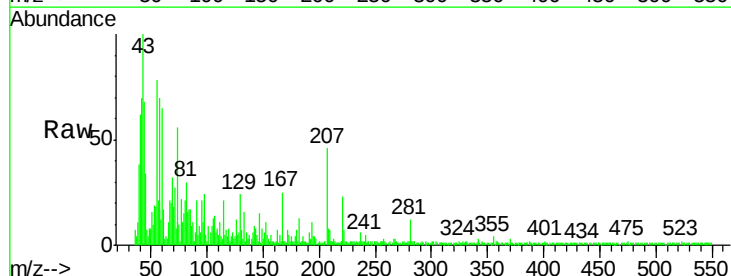
RT: 16.52 min Scan# 2317

Delta R.T. -0.12 min

Lab File: BP002847.D

Acq: 23 Jul 2020 19:02

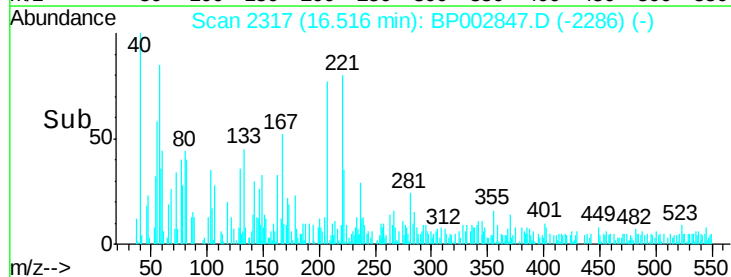
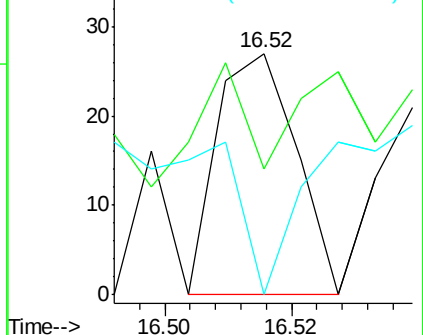
Tgt Ion:	266	Resp:	23
Ion	Ratio	Lower	Upper
266	100		
268	51.9	50.6	75.8
264	55.6	48.6	72.8

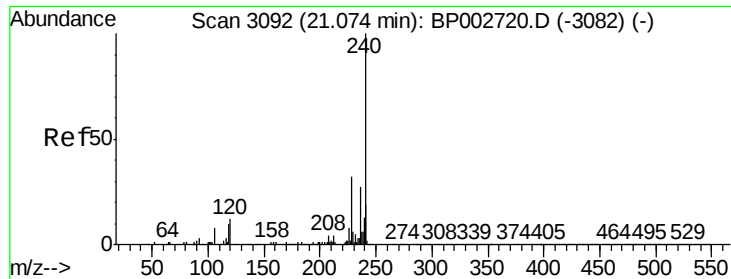


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

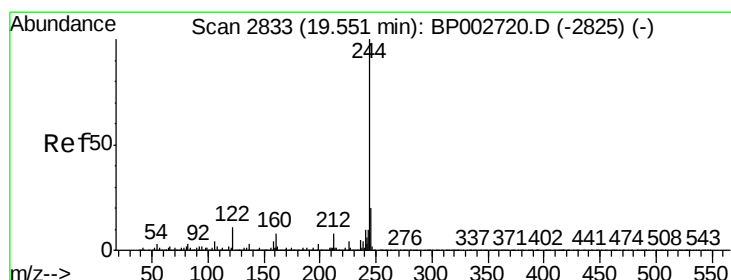
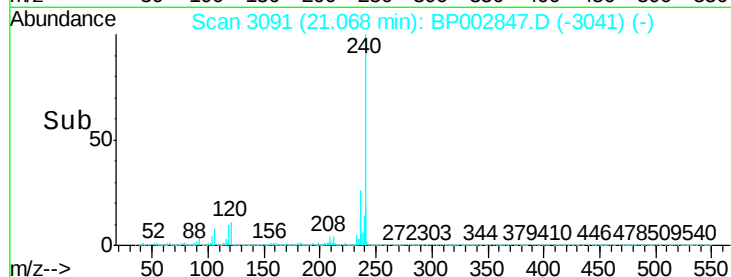
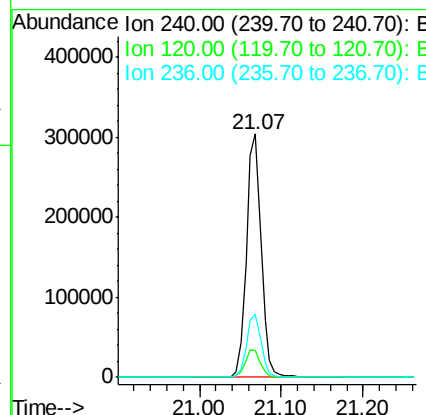
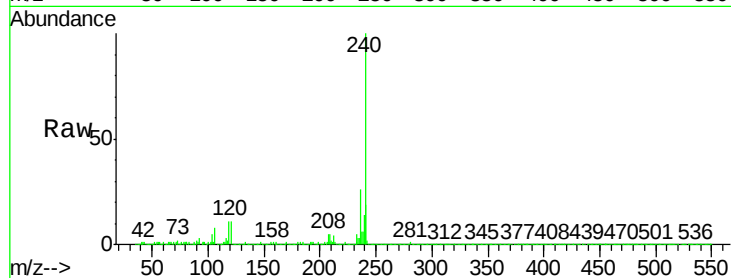




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

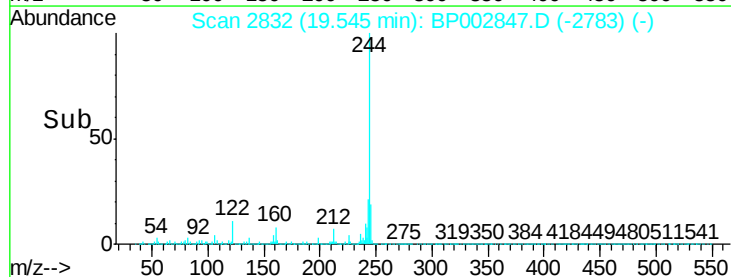
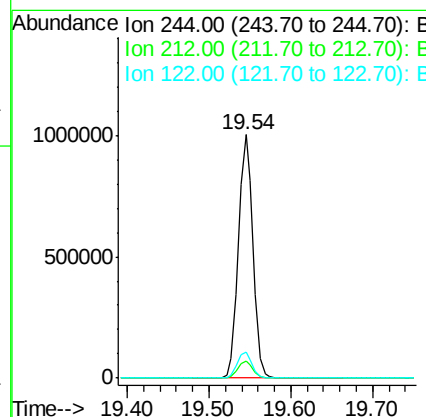
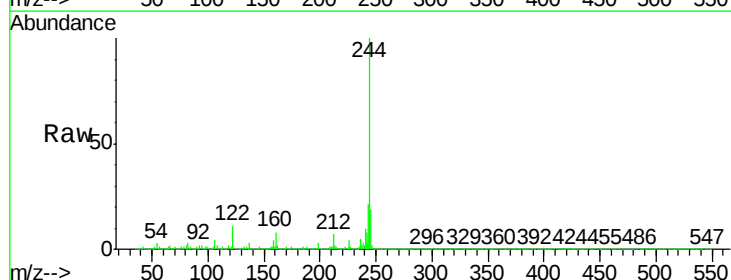
Instrument :
BNA_P
ClientSampleId :

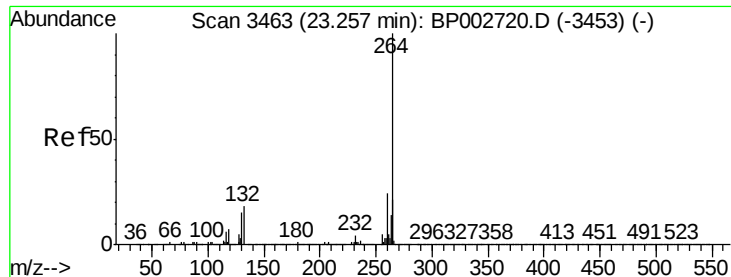
Tot Ion:240 Resp: 380550
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.8 21.3 31.9



#79
Terphenyl-d14
Concen: 74.888 ng
RT: 19.54 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

Tgt Ion:244 Resp: 1242997
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.5 8.9 13.3

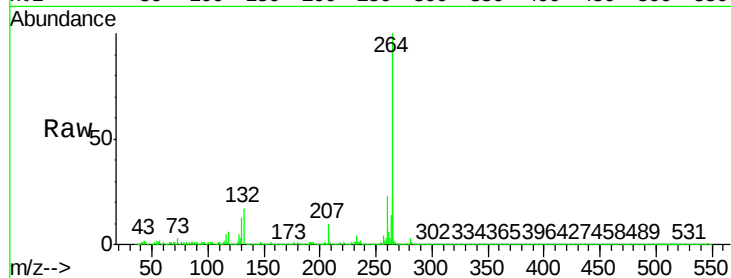




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	20.7	16.8	25.2



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

