

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 :
 365-GRID-B6-B8

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

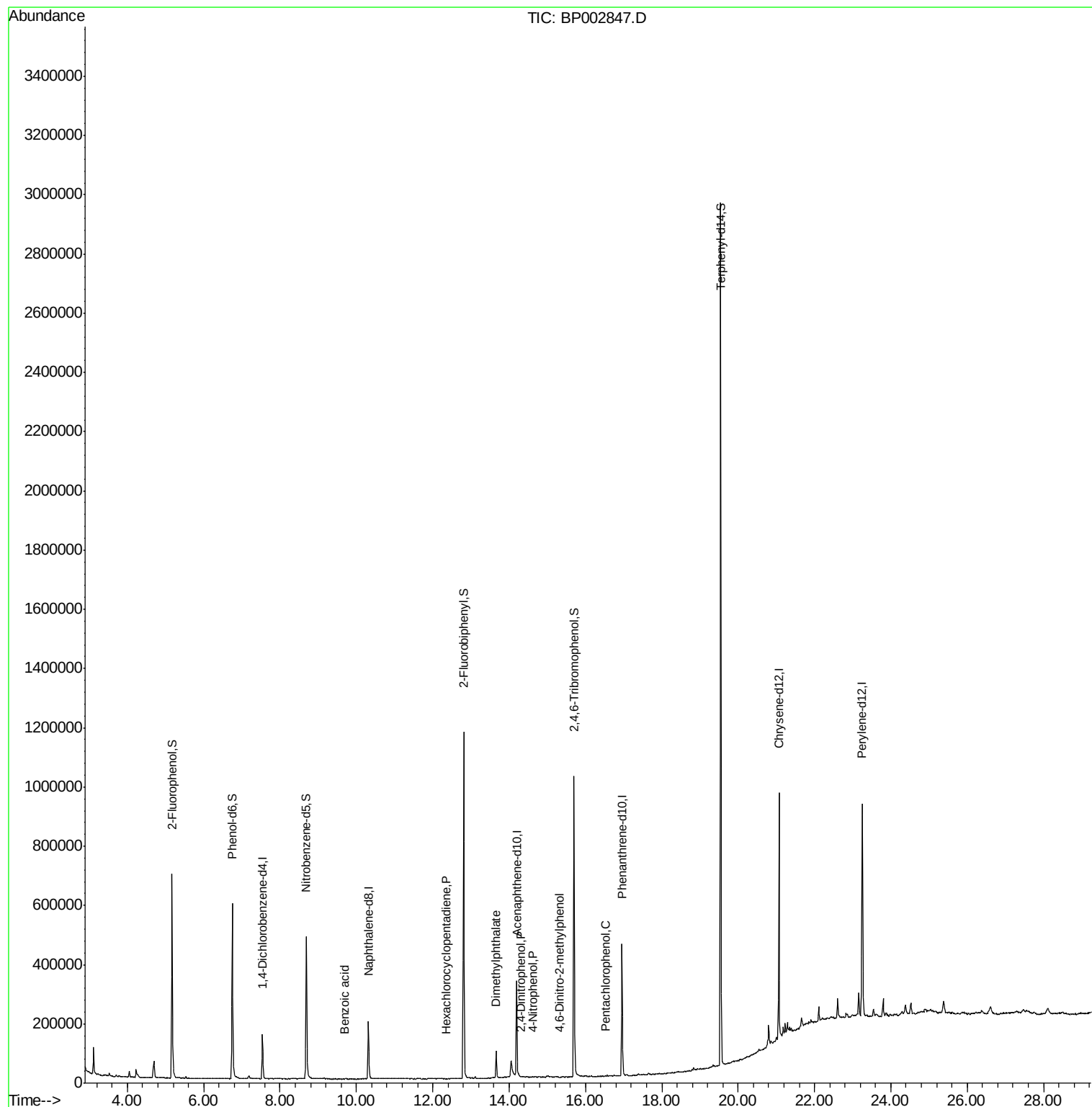
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	41897	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	175323	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	114542	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	267062	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	380550	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	# 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

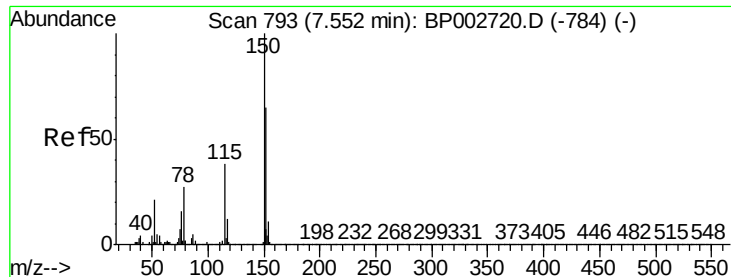
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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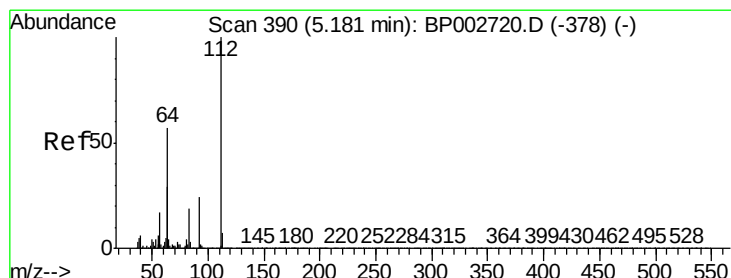
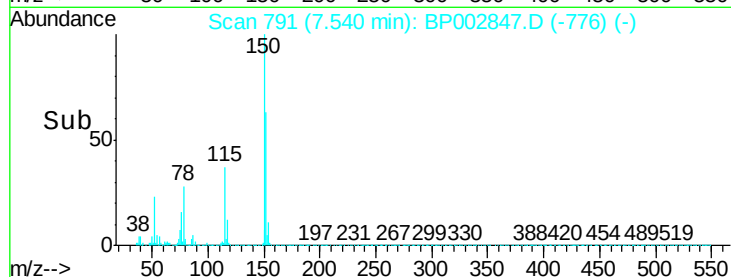
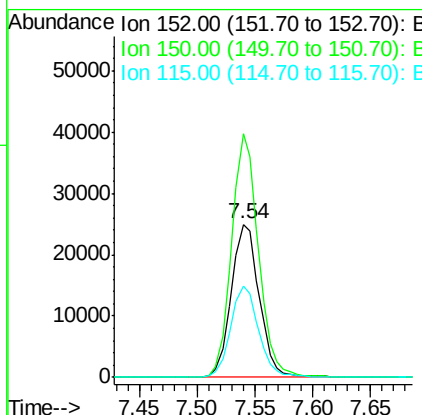
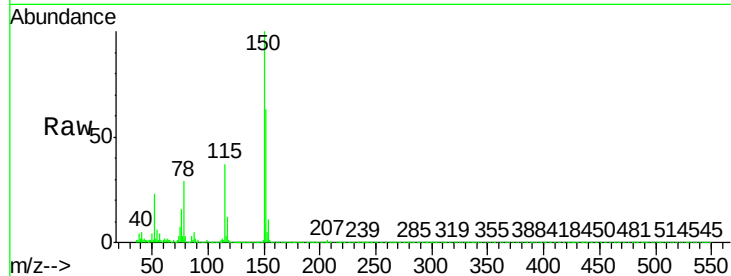


#1

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 :
365-GRID-B6-B8

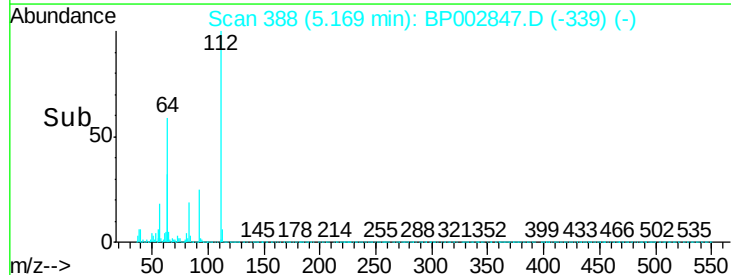
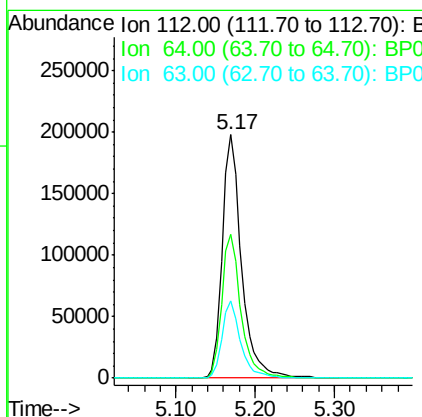
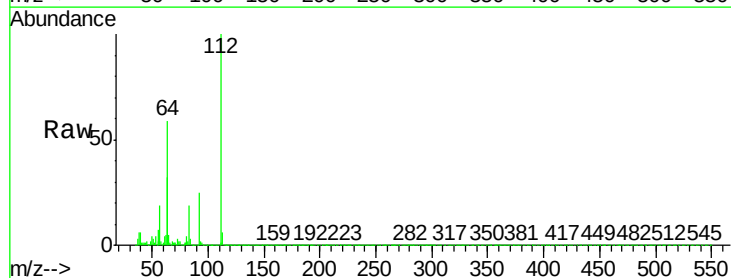
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.7	185.5
115	59.6	47.2	70.8

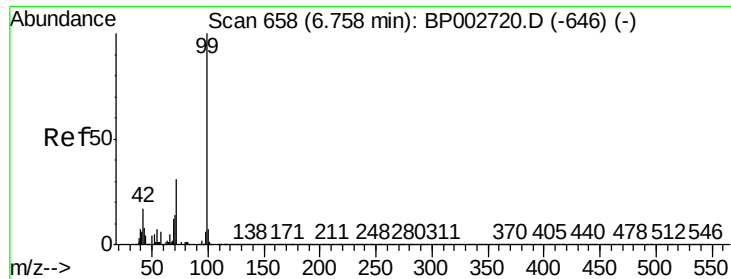


#5

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 :

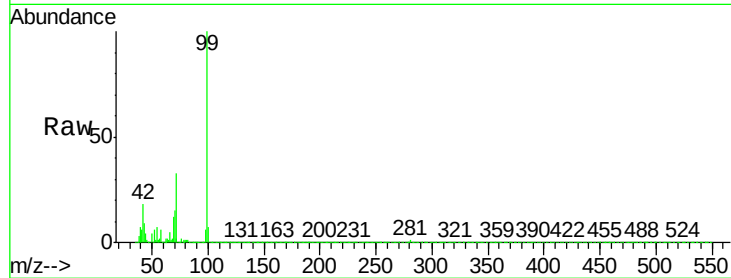
BNA_P

ClientSampleId :

365-GRID-B6-B8

Tot Ion: 99 Resp: 405360

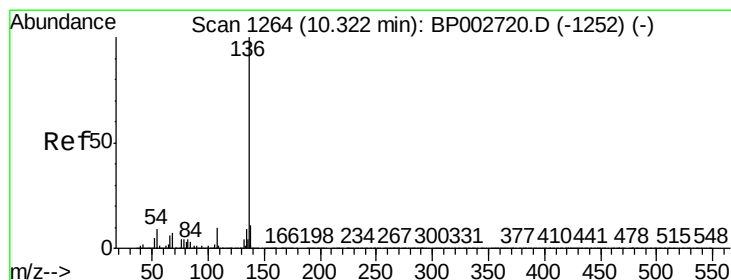
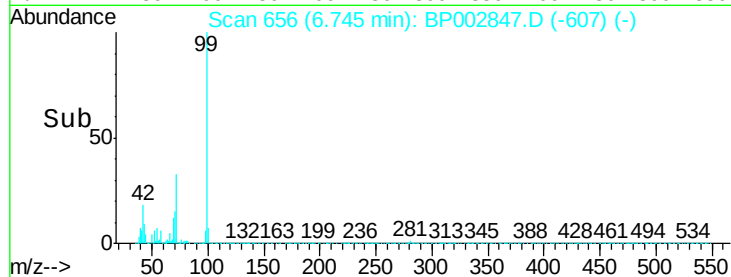
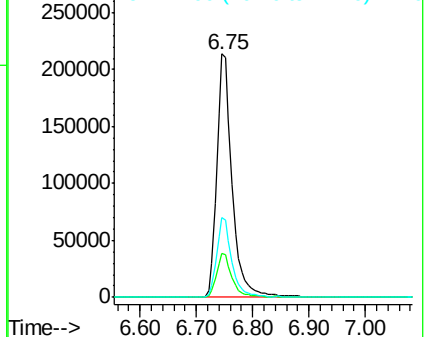
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.4	20.2
71	32.9	24.6	36.8



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

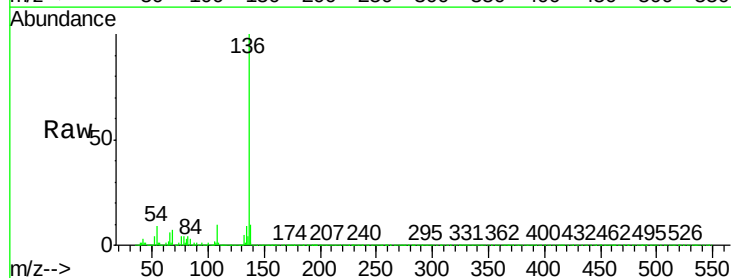
Delta R.T. -0.01 min

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

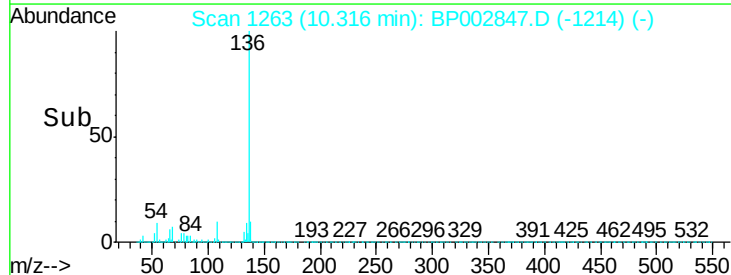
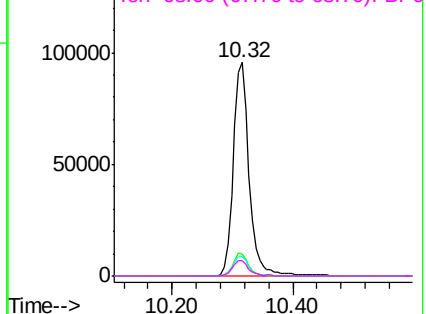


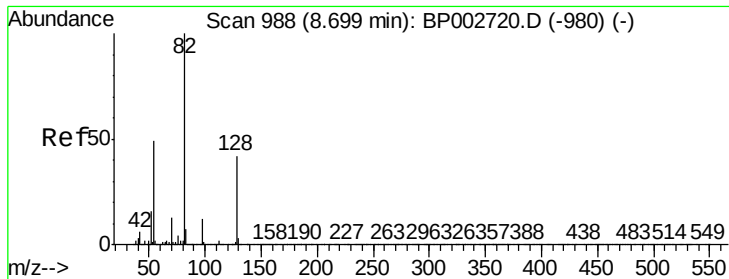
Abundance Ion 136.00 (135.70 to 136.70): E

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

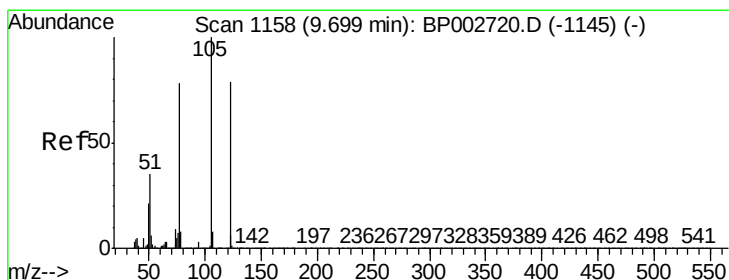
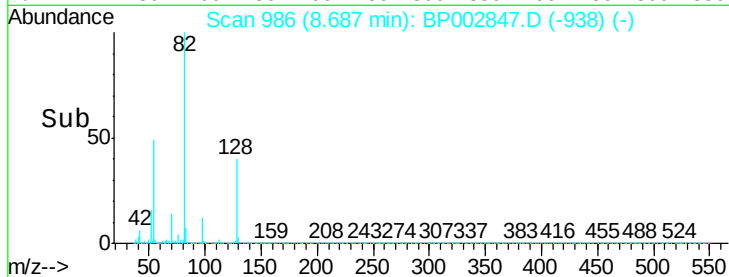
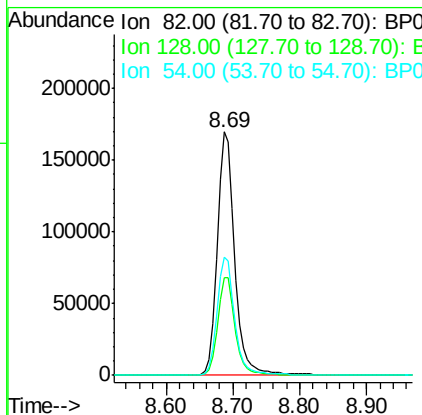
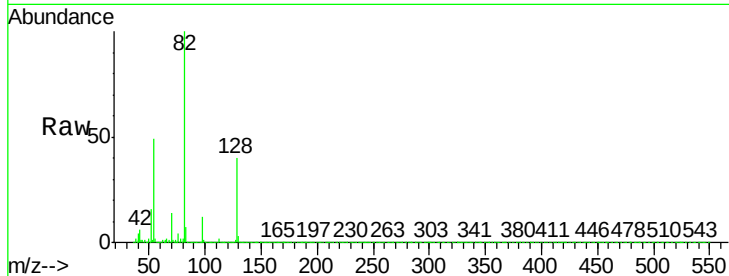




#23
 Nitrobenzene-d5
 Concen: 95.250 ng
 RT: 8.69 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BP002847.D
 Acq: 23 Jul 2020 19:02

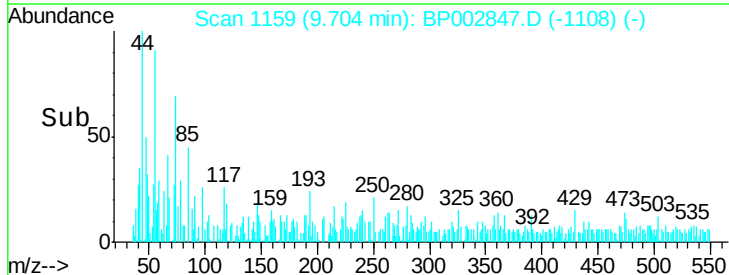
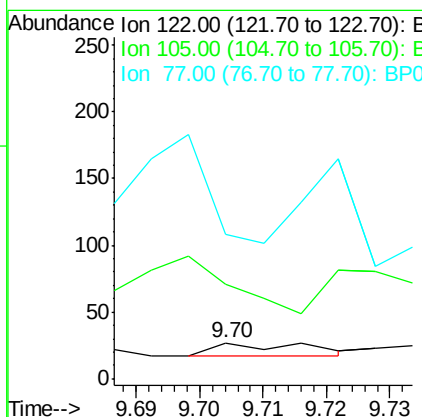
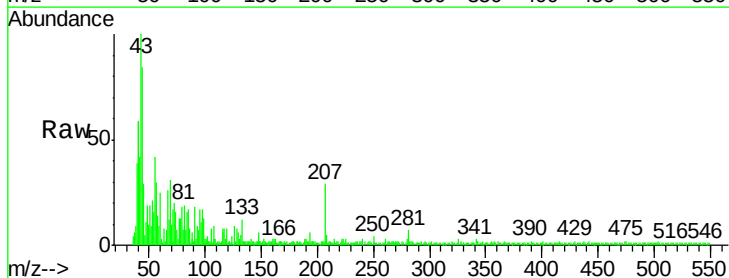
Instrument :
 BNA_P
 ClientSampleId :
 365-GRID-B6-B8

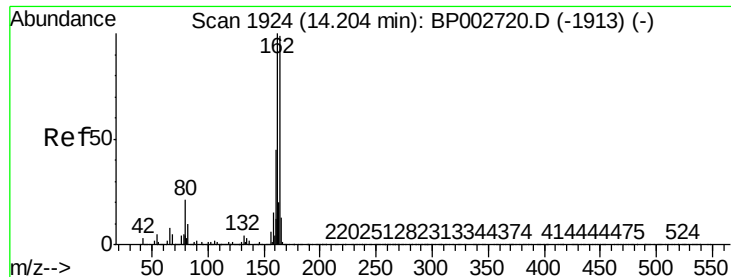
Tot Ion	82	Resp	312237
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.8	50.8
54	48.6	38.8	58.2



#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

ClientSampleId :

365-GRID-B6-B8

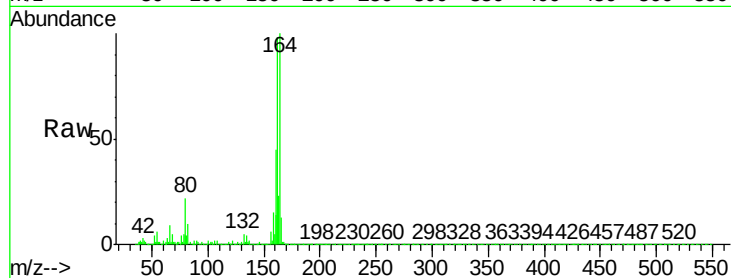
Tot Ion:164 Resp: 114542

Ion Ratio Lower Upper

164 100

162 98.4 80.6 121.0

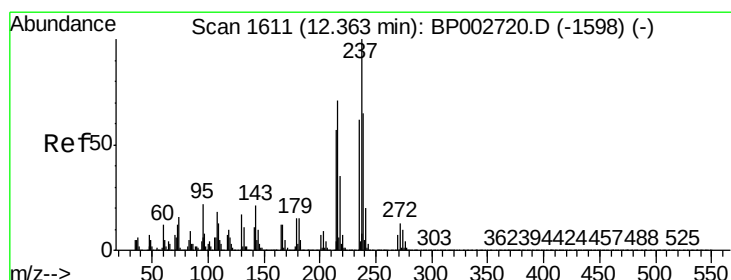
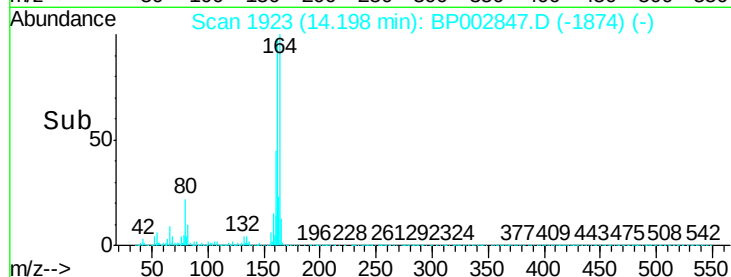
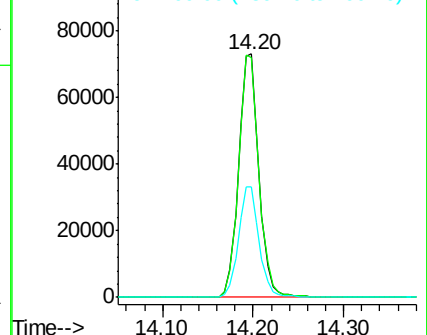
160 45.3 36.4 54.6



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

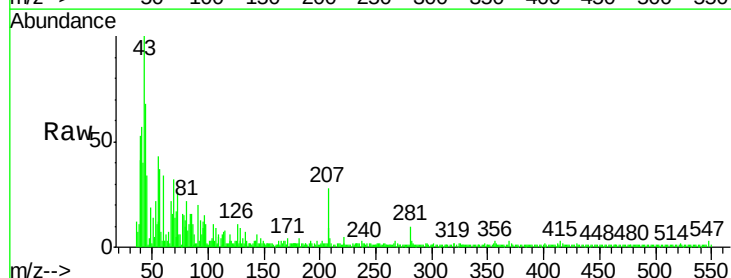
Tgt Ion:237 Resp: 43

Ion Ratio Lower Upper

237 100

235 65.4 42.3 82.3

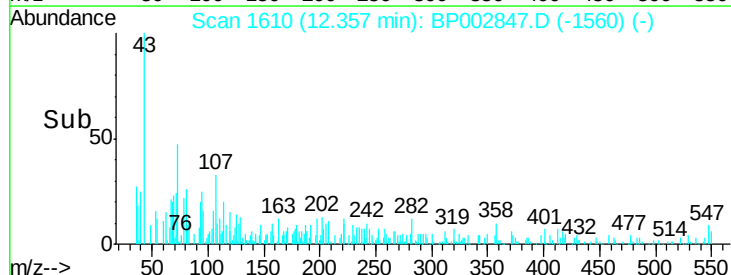
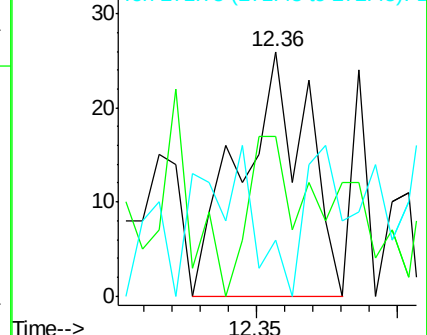
272 23.1 0.0 32.5

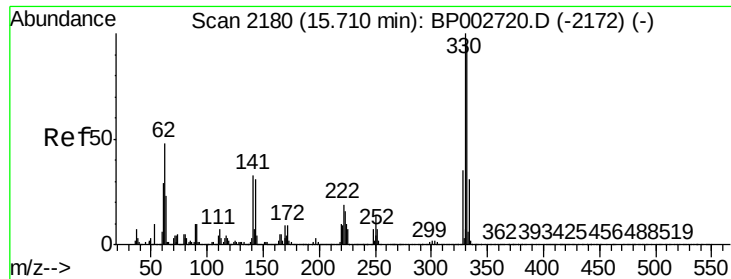


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

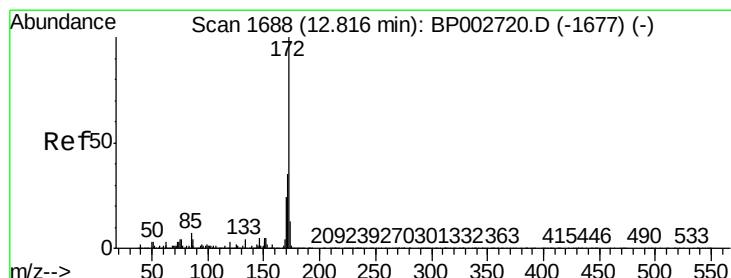
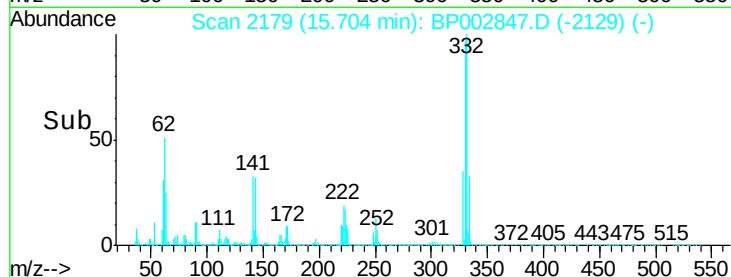
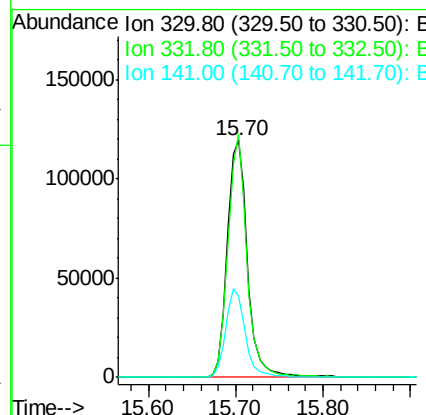
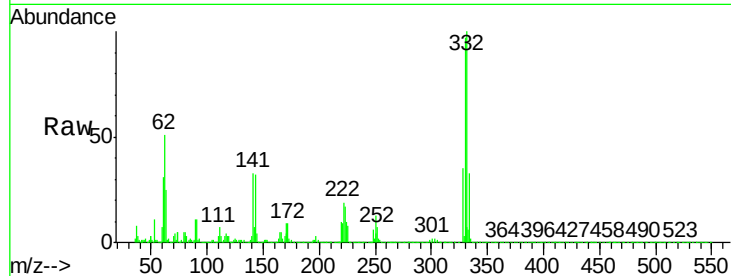




#42
 2,4,6-Tribromophenol
 Concen: 159.666 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002847.D
 Acq: 23 Jul 2020 19:02

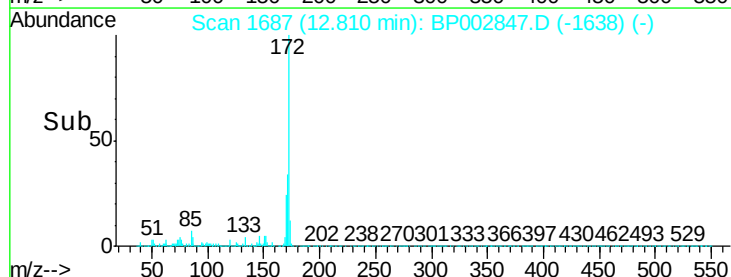
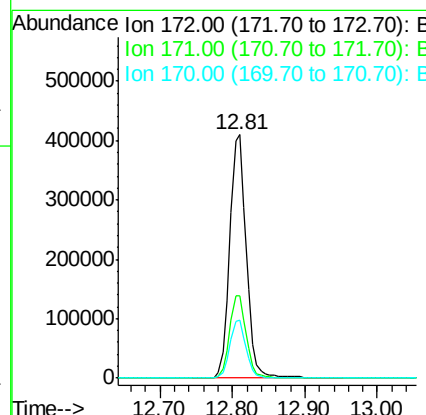
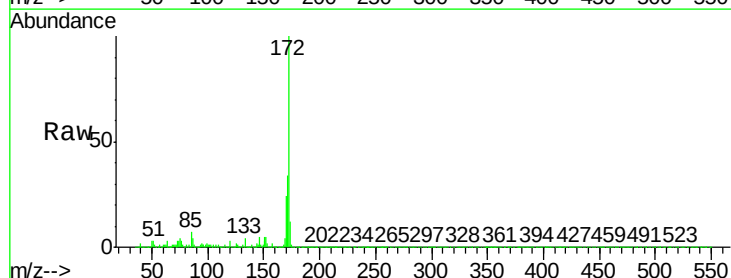
Instrument :
 BNA_P
 ClientSampleId :
 365-GRID-B6-B8

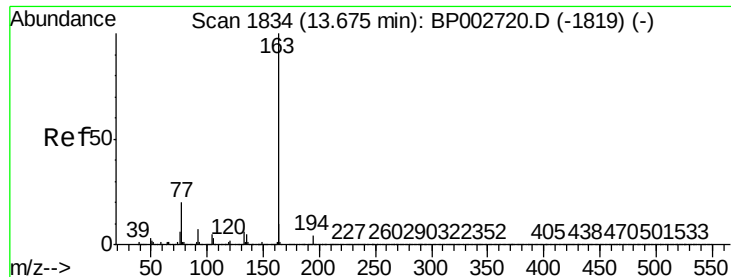
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.5	114.7
141	36.4	28.8	43.2



#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

ClientSampleId :

365-GRID-B6-B8

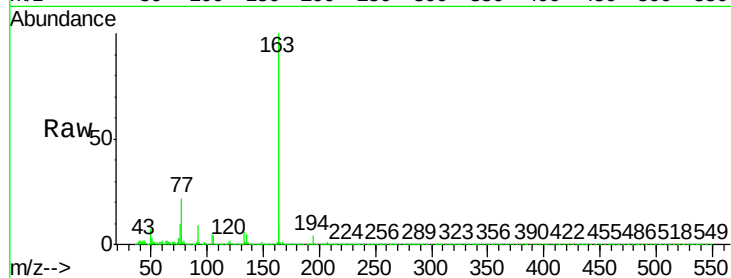
Tot Ion:163 Resp: 64089

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

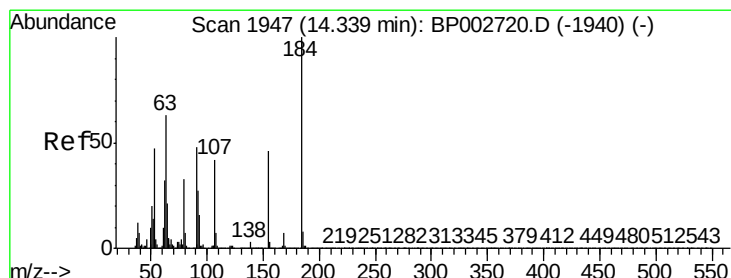
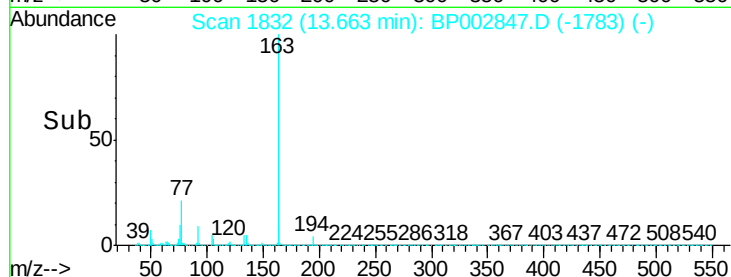
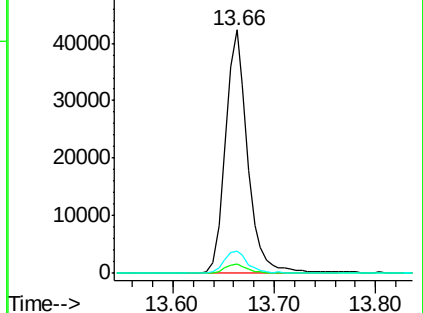
164 9.0 7.8 11.8



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: 11.395 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BP002847.D

Acq: 23 Jul 2020 19:02

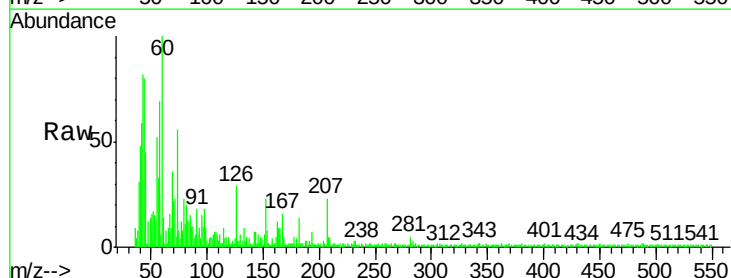
Tgt Ion:184 Resp: 26

Ion Ratio Lower Upper

184 100

63 335.7 51.6 77.4#

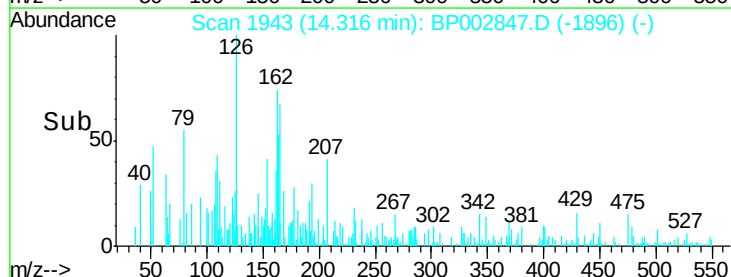
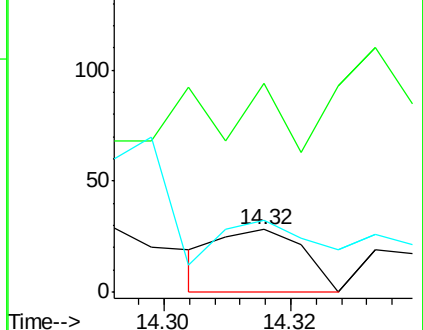
154 114.3 45.0 67.6#

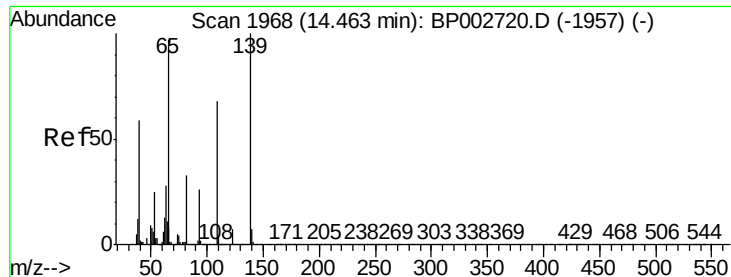


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

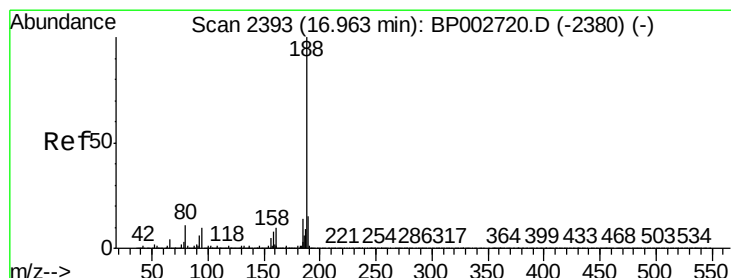
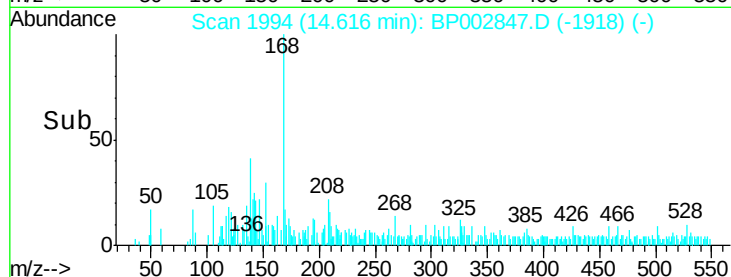
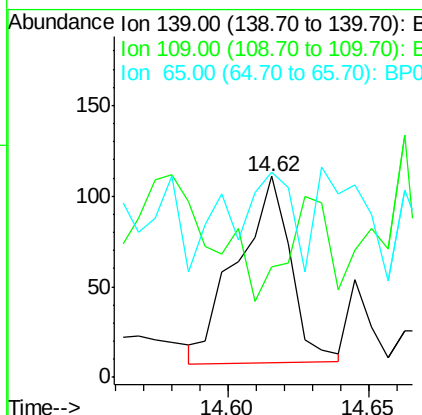
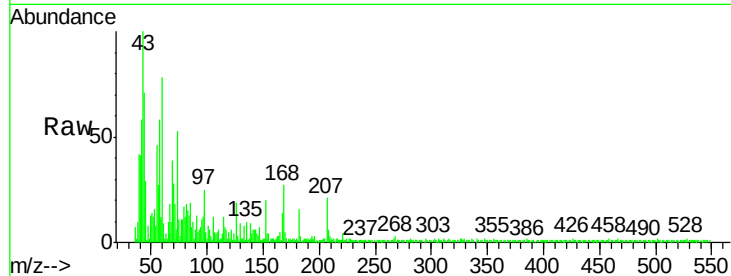




#56
4-Nitrophenol
Concen: 5.047 ng
RT: 14.62 min Scan# 1994
Delta R.T. 0.15 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

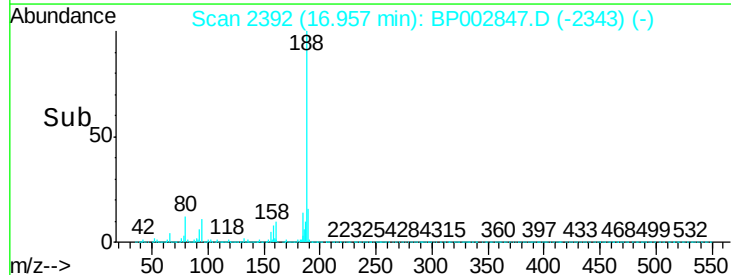
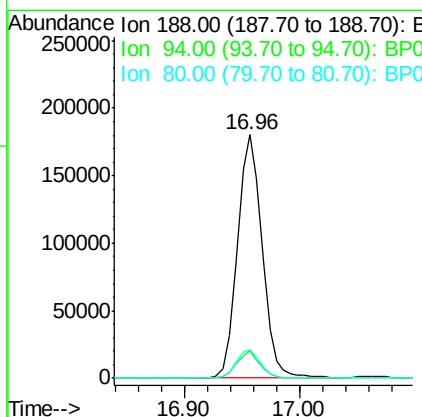
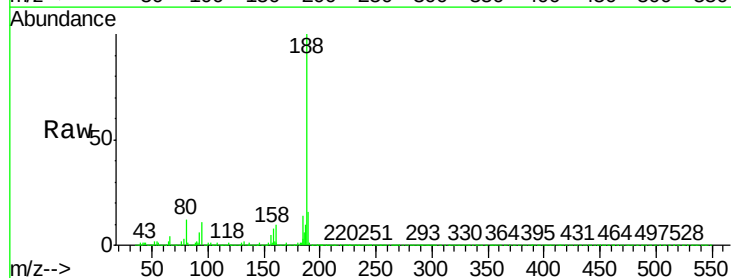
Instrument :
BNA_P
ClientSampleId :
365-GRID-B6-B8

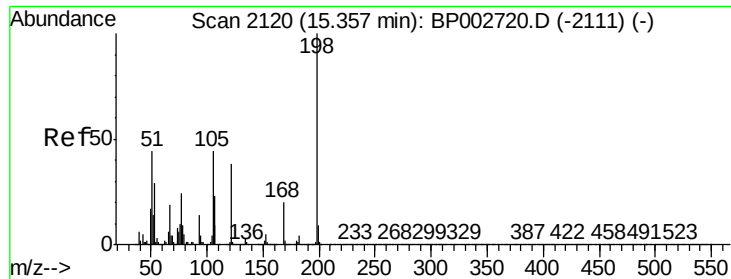
Tot Ion:139 Resp: 134
Ion Ratio Lower Upper
139 100
109 55.0 48.1 88.1
65 101.8 77.9 117.9



#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

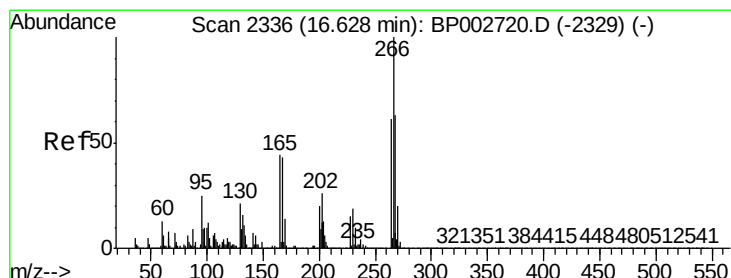
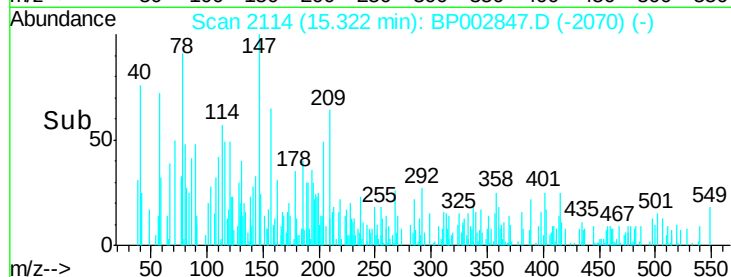
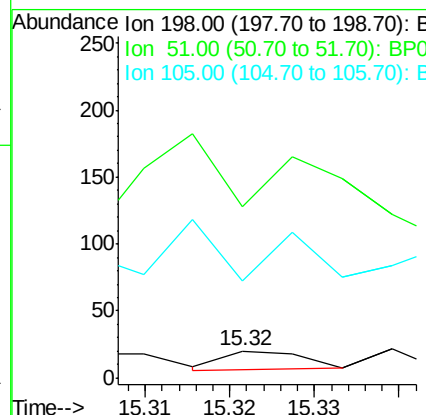
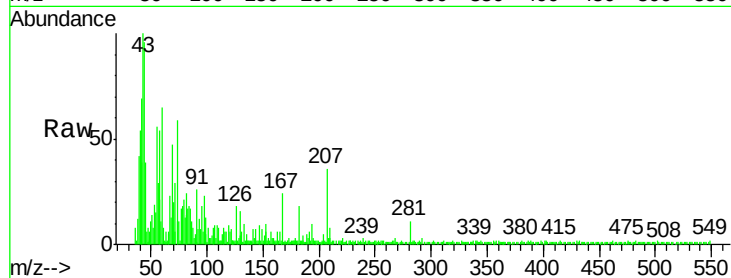




#65
4,6-Dinitro-2-methylphenol
Concen: 5.272 ng
RT: 15.32 min Scan# 2114
Delta R.T. -0.04 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

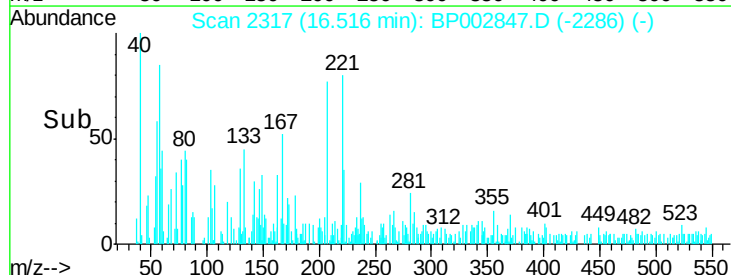
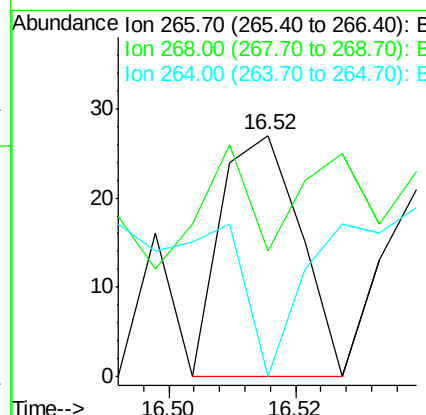
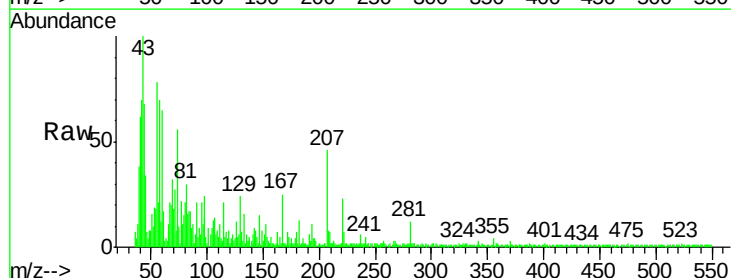
Instrument :
BNA_P
ClientSampleId :
365-GRID-B6-B8

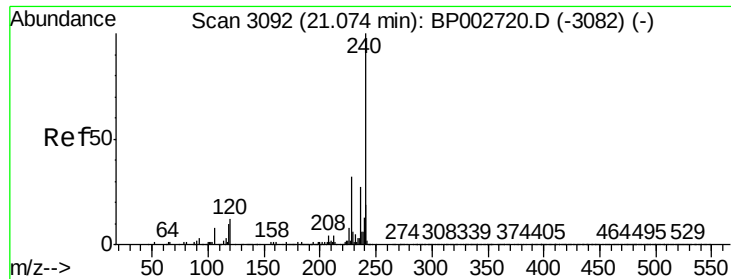
Tot Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 640.0 27.1 67.1#
105 360.0 24.9 64.9#



#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

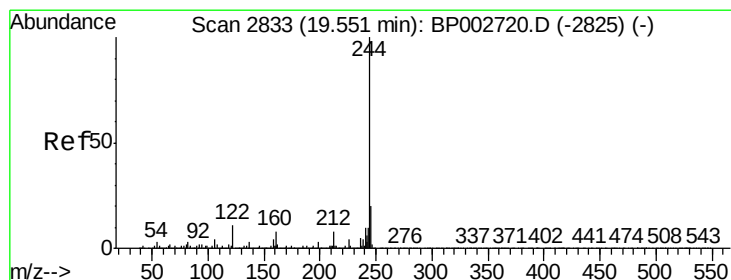
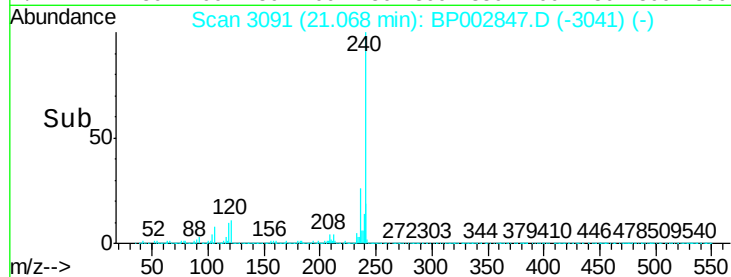
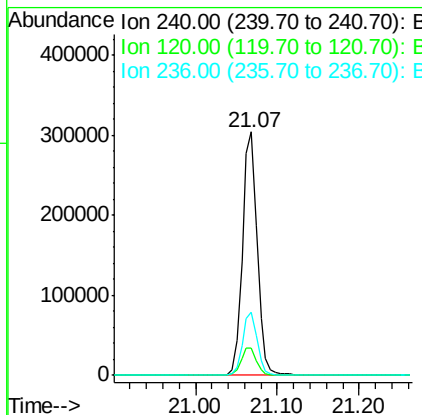
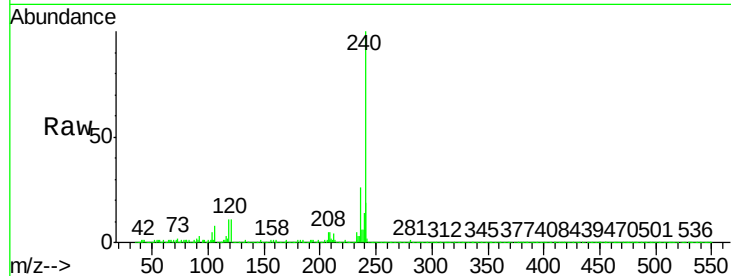




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

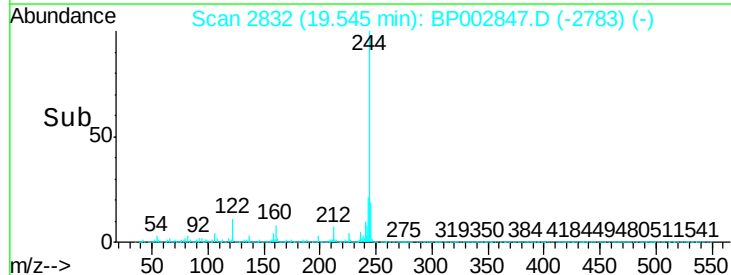
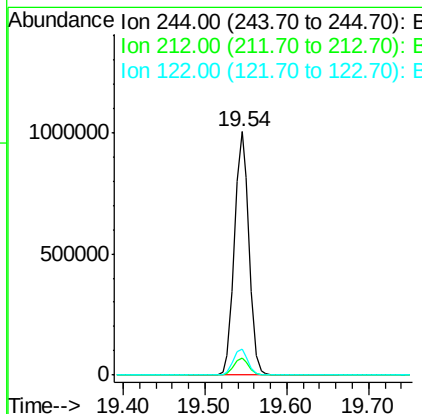
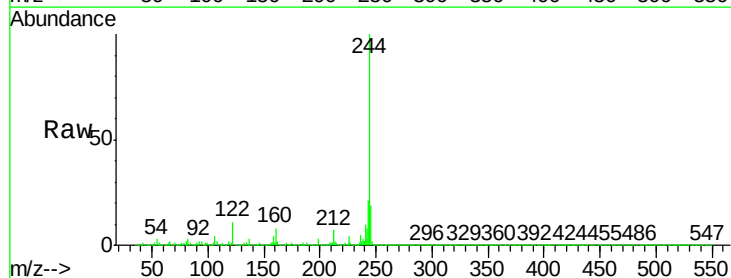
Instrument :
BNA_P
ClientSampleId :
365-GRID-B6-B8

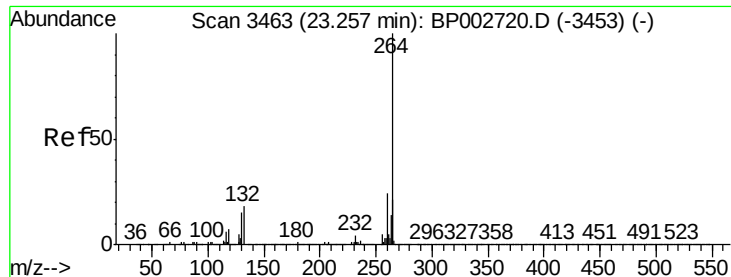
Tot Ion:240 Resp: 380550
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.8 21.3 31.9



#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

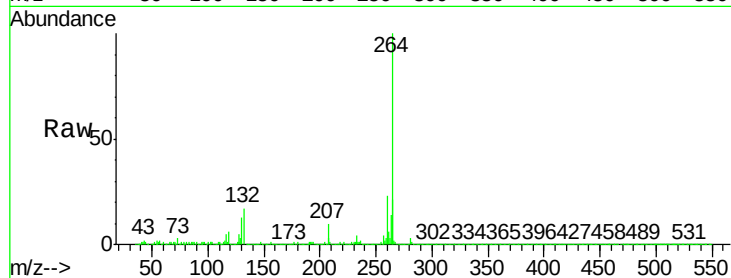




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP002847.D
Acq: 23 Jul 2020 19:02

Instrument :
BNA_P
ClientSampleId :
365-GRID-B6-B8

Tot Ion:	264	Resp:	492339
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

