

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
 Data File : BP002792.D
 Acq On : 17 Jul 2020 15:11
 Operator : CG/JU
 Sample : L3188-13 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 17 16:05:06 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

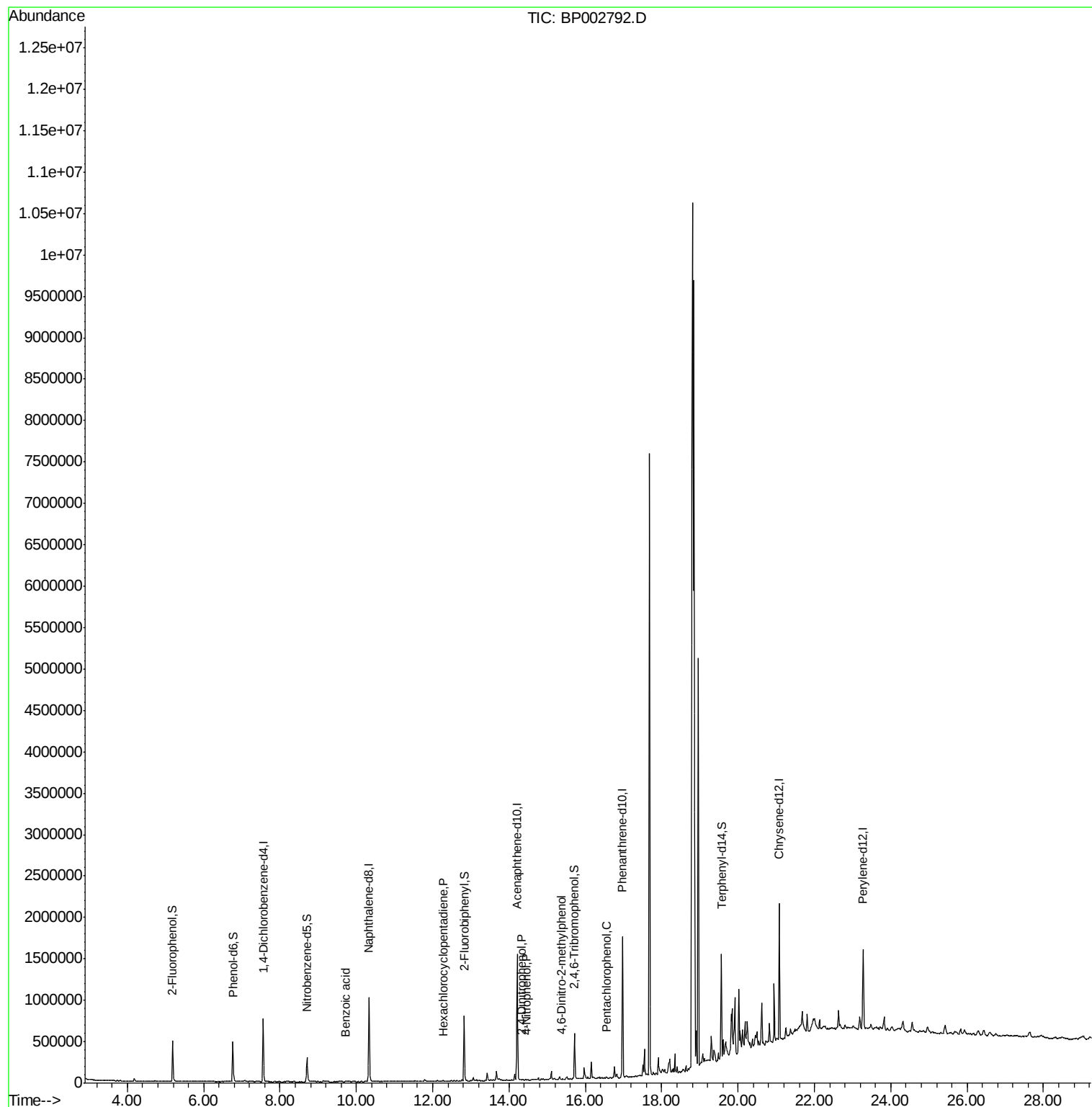
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	202440	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	835117	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	494968	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1024649	20.00	ng	0.00
76) Chrysene-d12	21.08	240	720877	20.00	ng	0.00
86) Perylene-d12	23.27	264	651239	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	225696	18.81	ng	0.00
7) Phenol-d6	6.76	99	315209	18.41	ng	0.00
23) Nitrobenzene-d5	8.70	82	189429	12.13	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	98608	19.09	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	414583	12.96	ng	0.00
79) Terphenyl-d14	19.56	244	466695	14.84	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	97	7.071	ng	# 1
41) Hexachlorocyclopentadiene	12.29	237	20	7.437	ng	# 80
54) 2,4-Dinitrophenol	14.33	184	37	11.381	ng	# 1
56) 4-Nitrophenol	14.46	139	79	4.982	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	17	5.269	ng	# 1
70) Pentachlorophenol	16.54	266	22	7.445	ng	# 85

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

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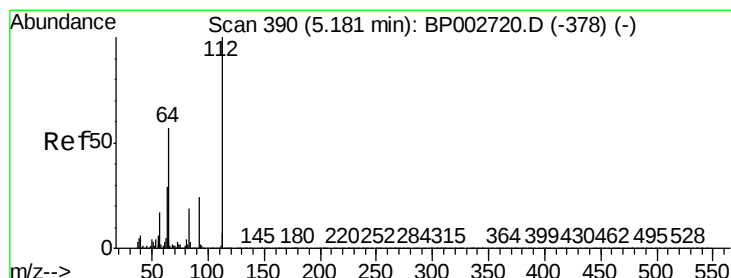
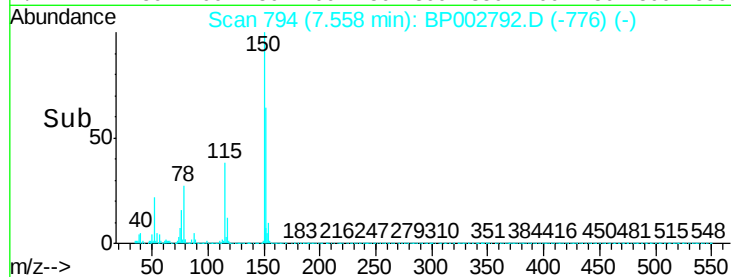
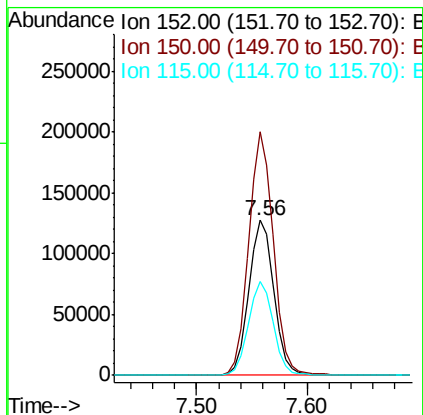
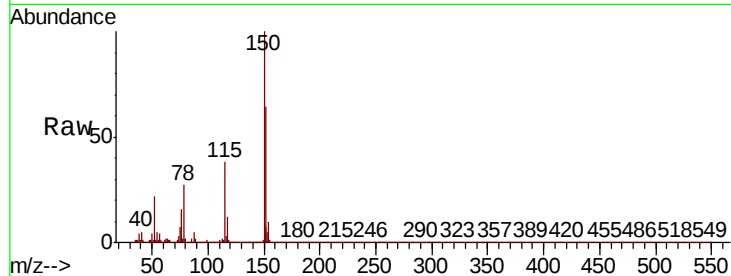


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

Instrument :
BNA_P
ClientSampleId :

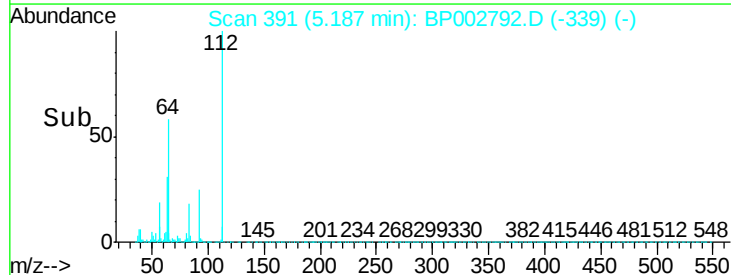
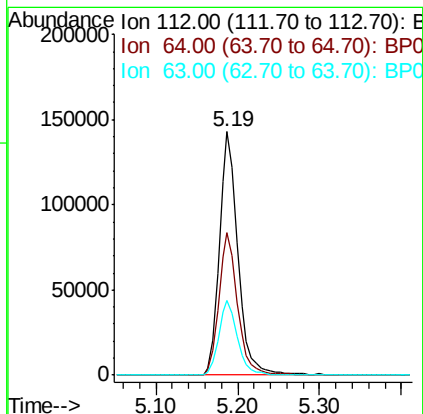
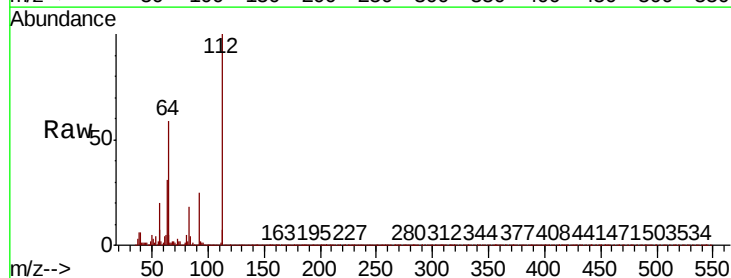
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.7	185.5
115	60.3	47.2	70.8

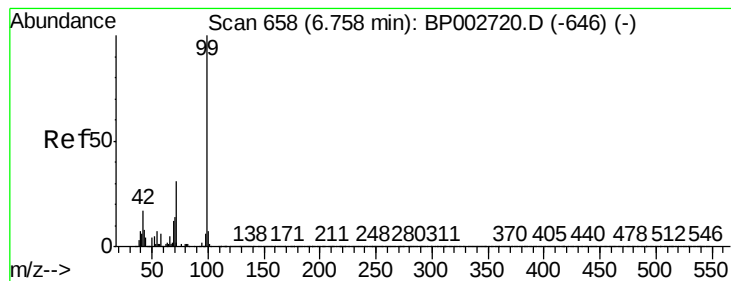


#5

2-Fluorophenol
Concen: 18.810 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.6	68.4
63	30.5	23.5	35.3





#7

Phenol-d6

Concen: 18.407 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002792.D

Acq: 17 Jul 2020 15:11

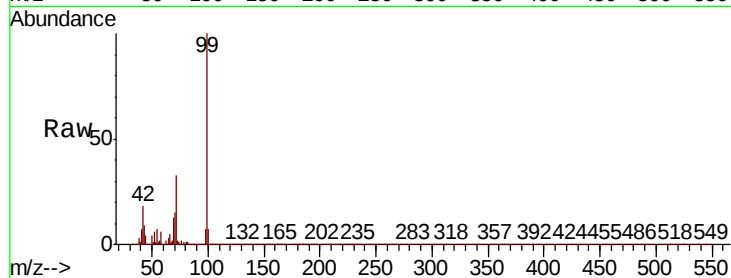
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 315209

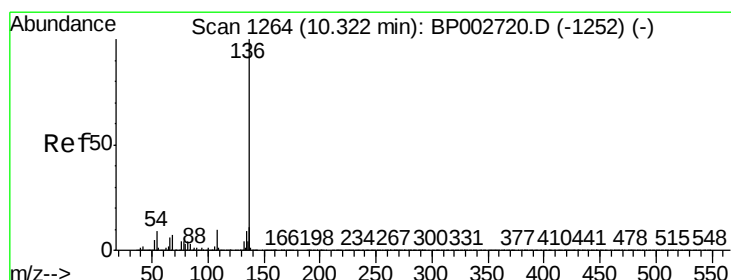
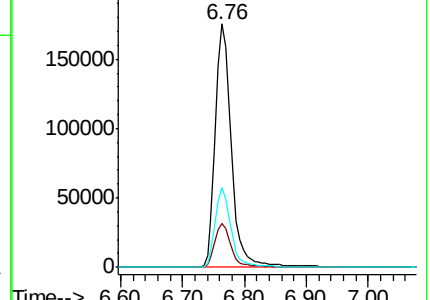
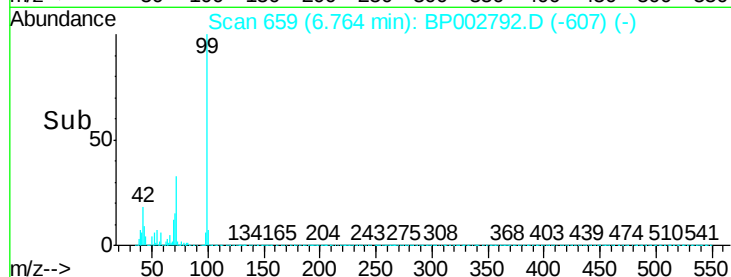
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.4	20.2
71	32.9	24.6	36.8



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: 10.33 min Scan# 1265

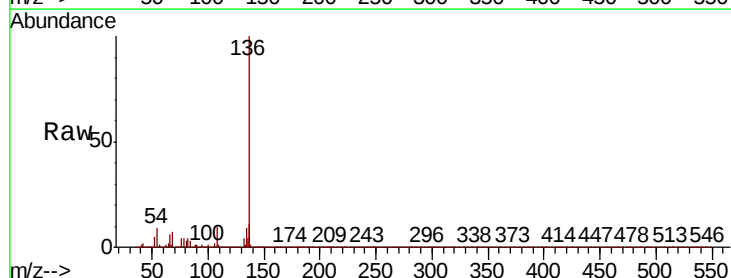
Delta R.T. 0.00 min

Lab File: BP002792.D

Acq: 17 Jul 2020 15:11

Tgt Ion: 136 Resp: 835117

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	6.9	10.3
68	7.4	5.7	8.5

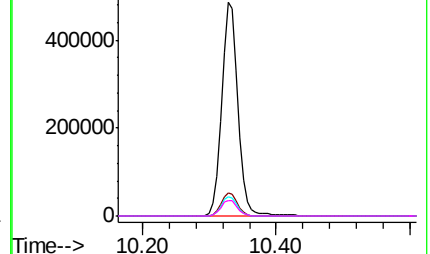
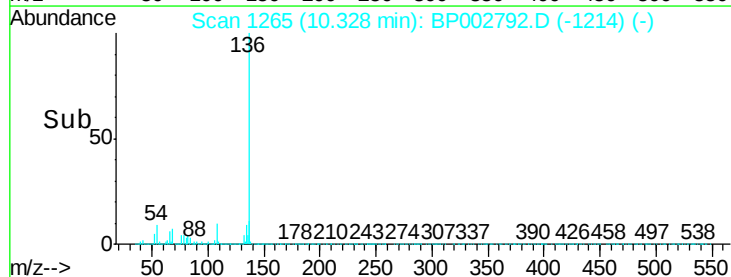


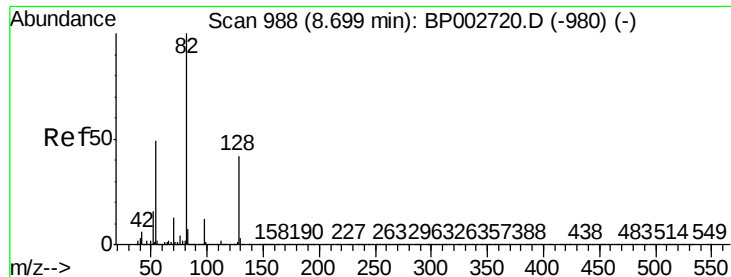
Abundance Ion 136.00 (135.70 to 136.70): E

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

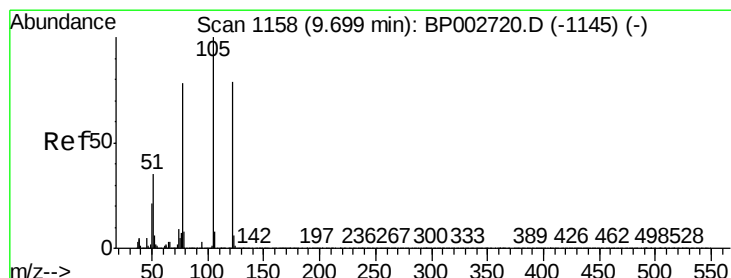
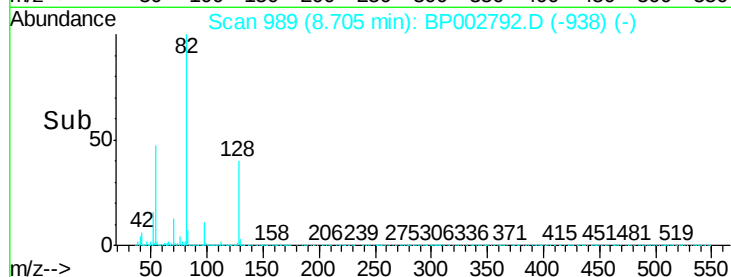
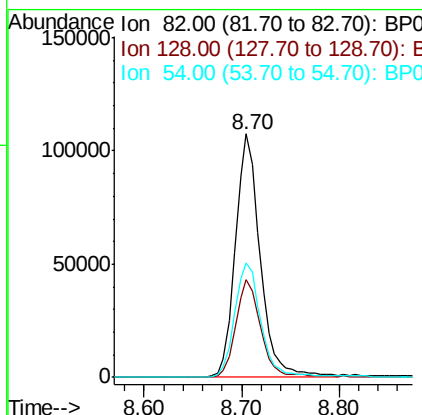
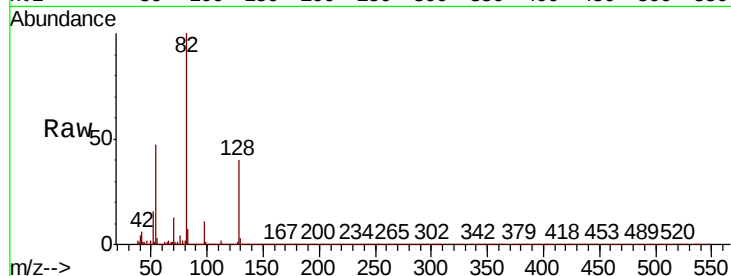




#23
Nitrobenzene-d5
Concen: 12.132 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

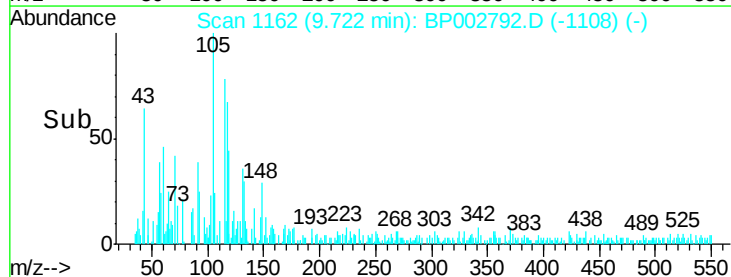
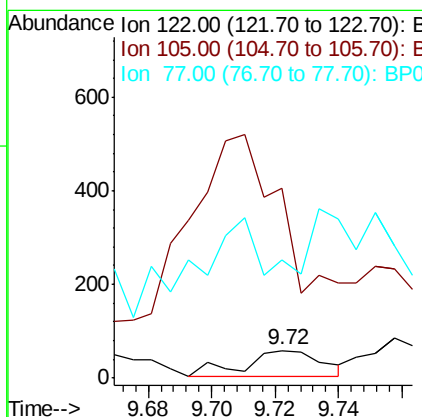
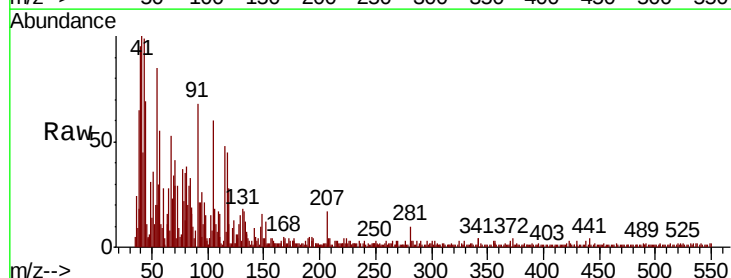
Instrument :
BNA_P
ClientSampled :

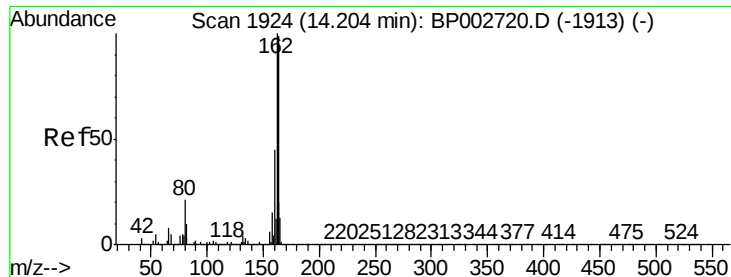
Tot Ion	82	Resp	189429
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.8	50.8
54	47.1	38.8	58.2



#32
Benzoic acid
Concen: 7.071 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

Tgt Ion	122	Resp	97
Ion Ratio	Lower	Upper	
122	100		
105	686.4	105.4	145.4#
77	425.4	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BP002792.D

Acq: 17 Jul 2020 15:11

Instrument :

BNA_P

ClientSampleId :

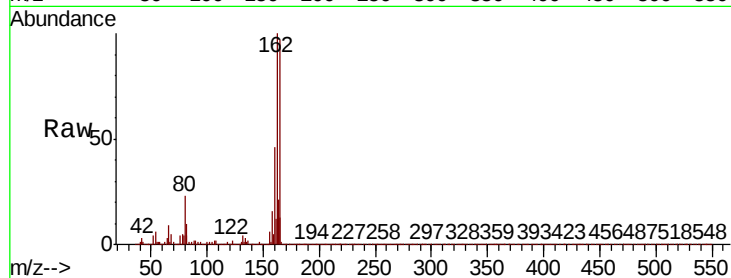
Tot Ion:164 Resp: 494968

Ion Ratio Lower Upper

164 100

162 103.2 80.6 121.0

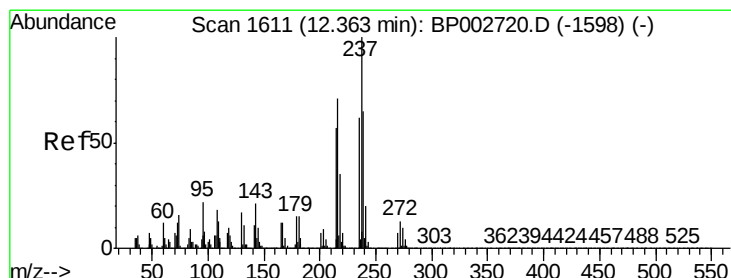
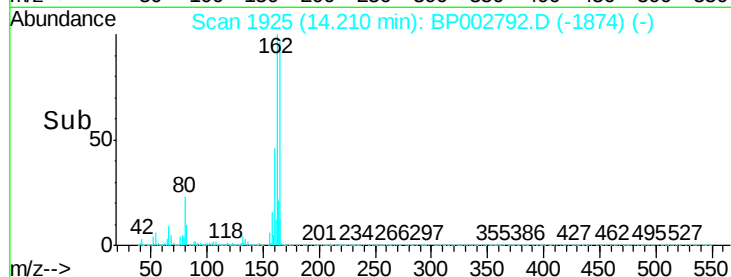
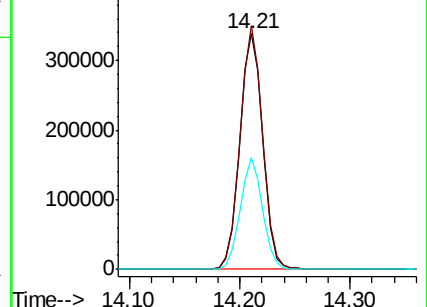
160 47.3 36.4 54.6



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: 7.437 ng

RT: 12.29 min Scan# 1599

Delta R.T. -0.07 min

Lab File: BP002792.D

Acq: 17 Jul 2020 15:11

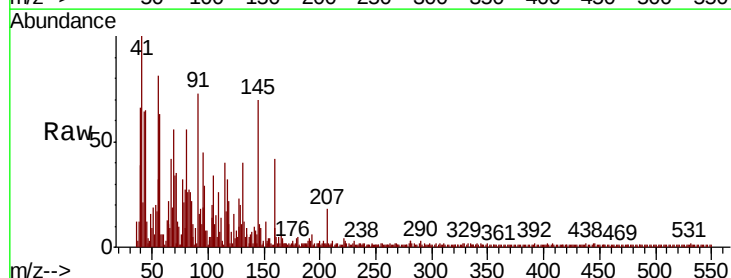
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 75.9 42.3 82.3

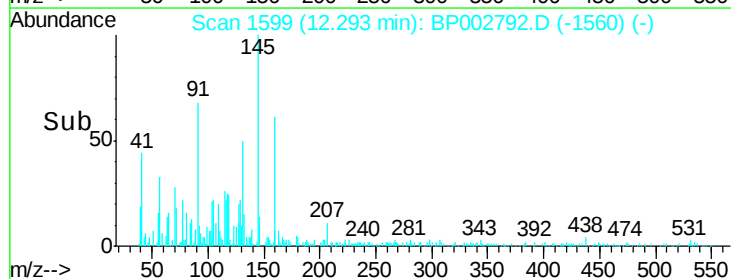
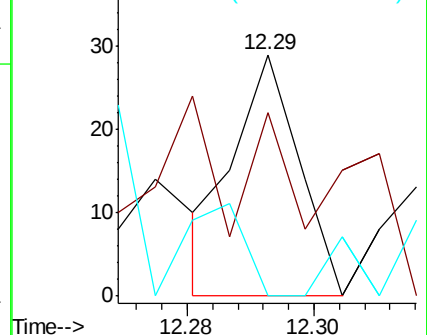
272 0.0 0.0 32.5

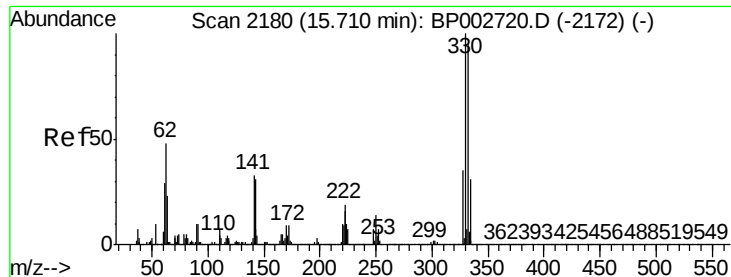


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

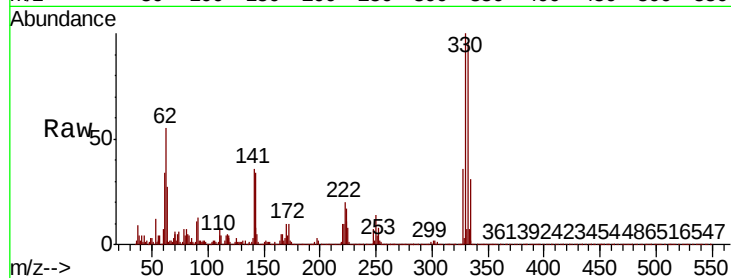




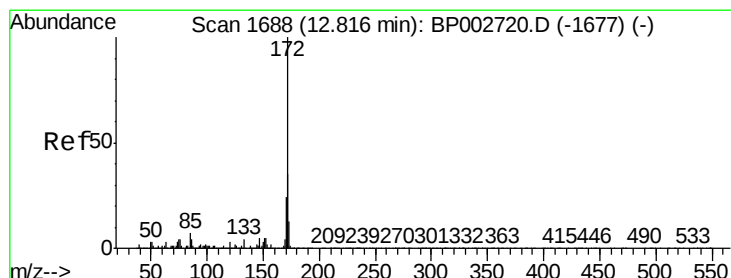
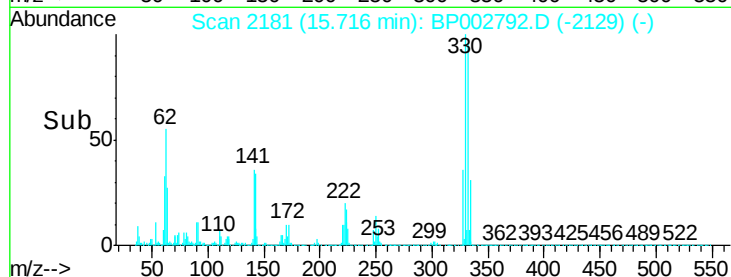
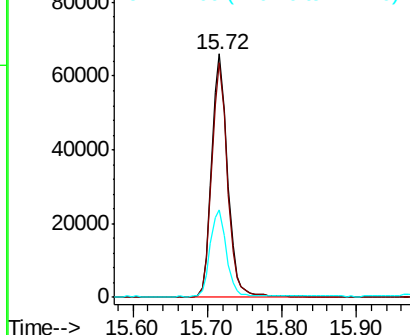
#42
2,4,6-Tribromophenol
Concen: 19.085 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 98608
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 35.5 28.8 43.2

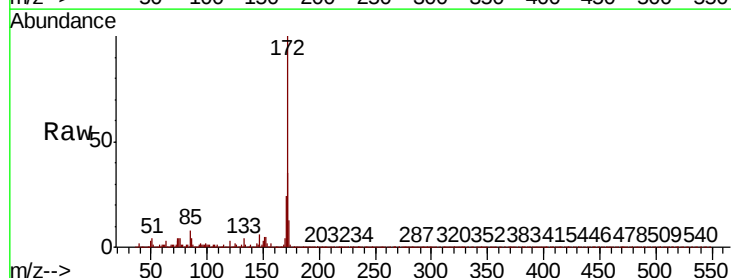


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

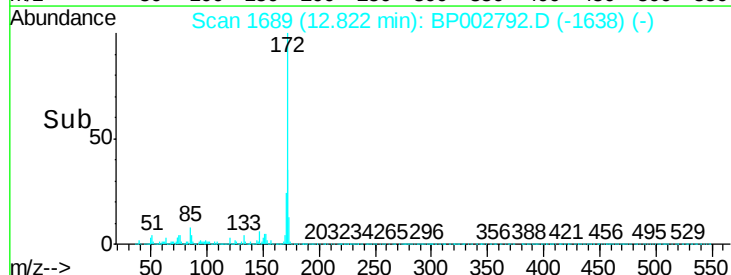
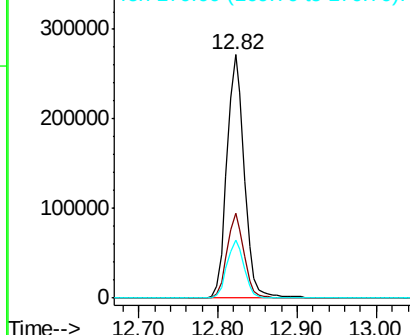


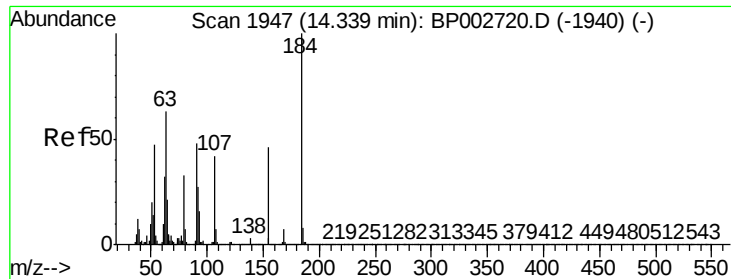
#45
2-Fluorobiphenyl
Concen: 12.957 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

Tgt Ion:172 Resp: 414583
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 24.1 19.3 28.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

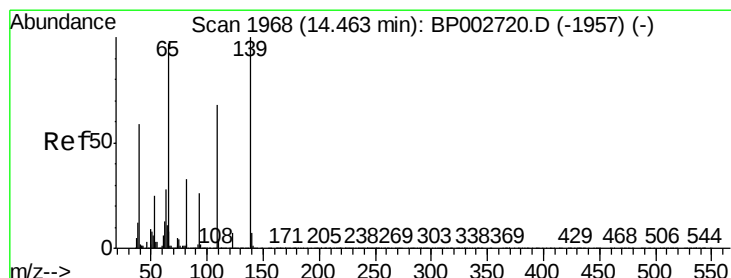
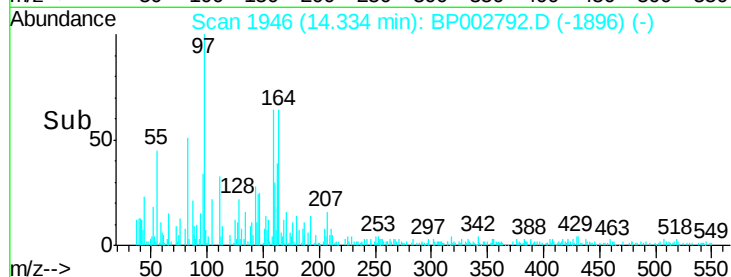
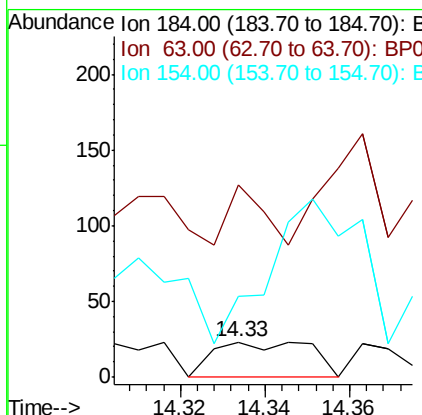
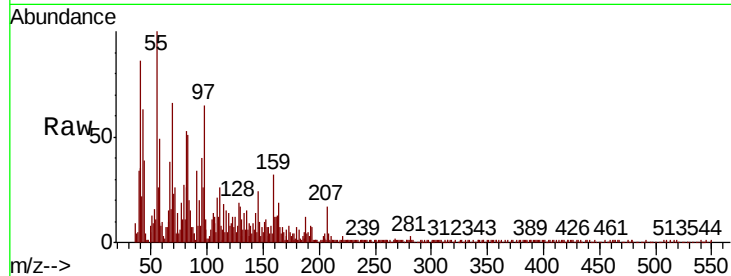




#54
2,4-Dinitrophenol
Concen: 11.381 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

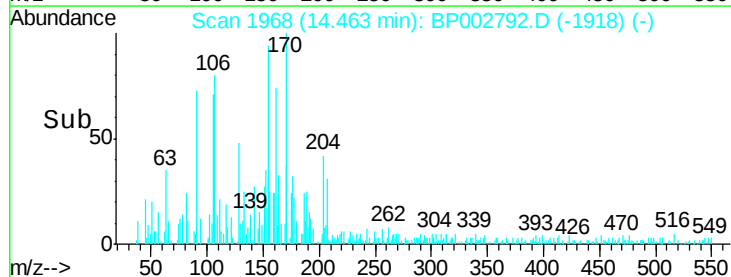
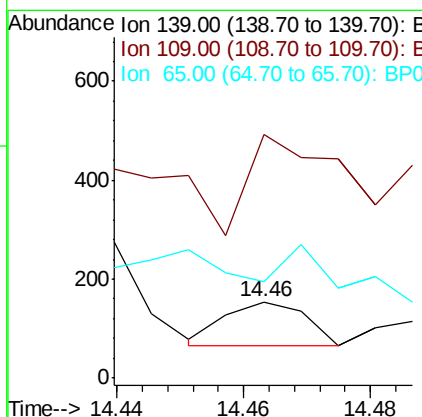
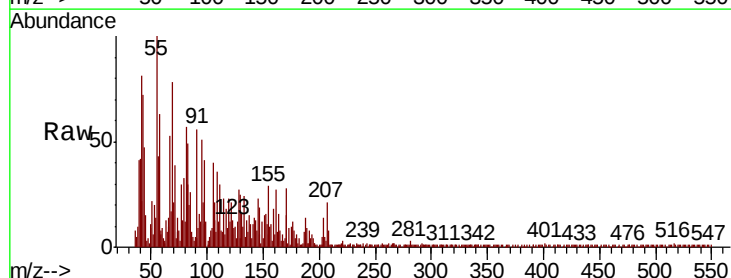
Instrument :
BNA_P
ClientSampled :

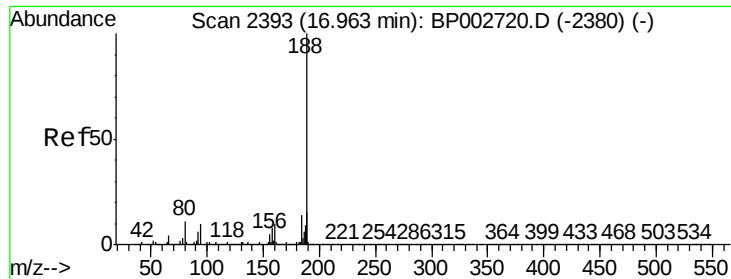
Tot Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 552.2 51.6 77.4#
154 230.4 45.0 67.6#



#56
4-Nitrophenol
Concen: 4.982 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

Tgt Ion:139 Resp: 79
Ion Ratio Lower Upper
139 100
109 319.5 48.1 88.1#
65 127.3 77.9 117.9#

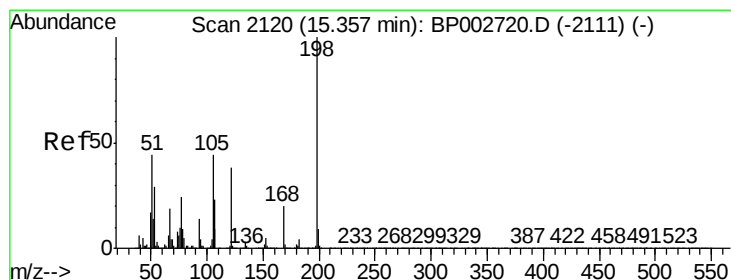
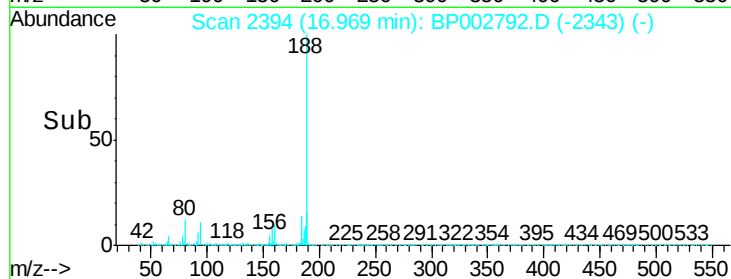
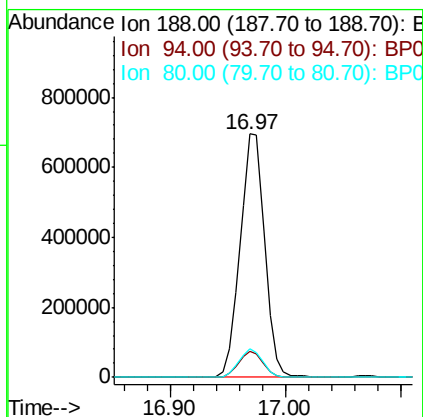
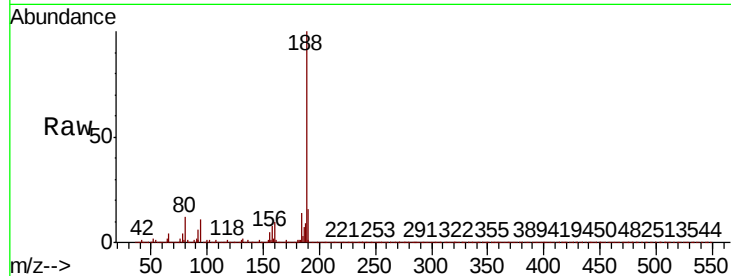




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

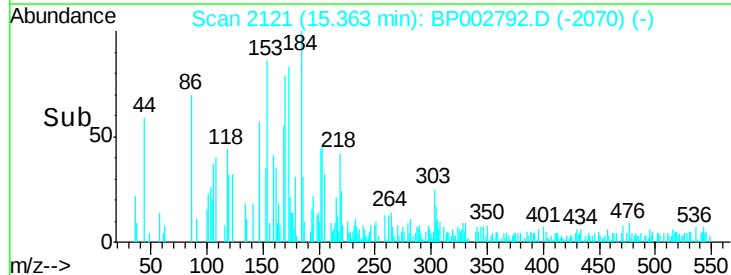
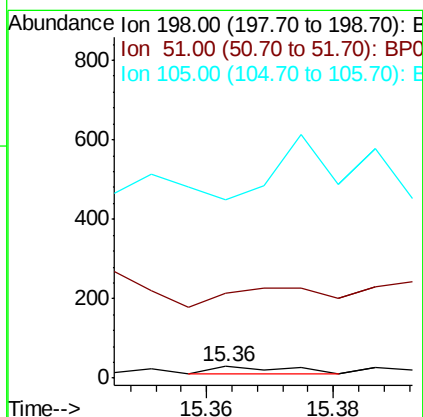
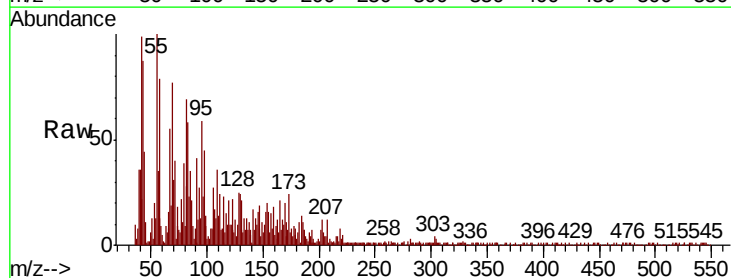
Instrument :
BNA_P
ClientSampleId :

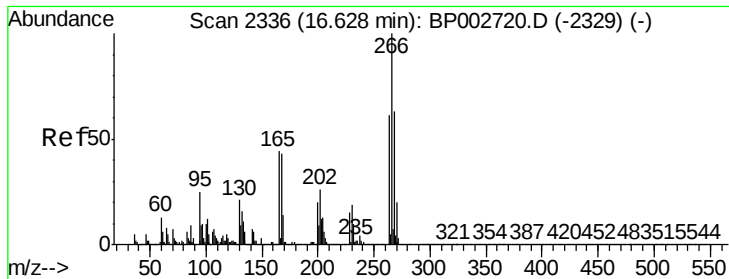
Tot Ion:188 Resp: 1024649
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 11.9 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.269 ng
RT: 15.36 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BP002792.D
Acq: 17 Jul 2020 15:11

Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 741.4 27.1 67.1#
105 1544.8 24.9 64.9#





#70

Pentachlorophenol

Concen: 7.445 ng

RT: 16.54 min Scan# 2321

Delta R.T. -0.09 min

Lab File: BP002792.D

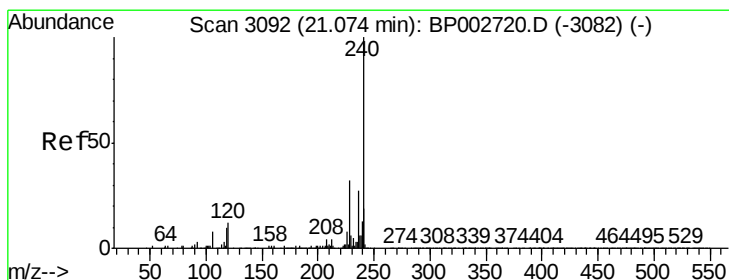
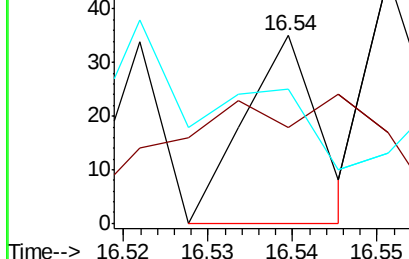
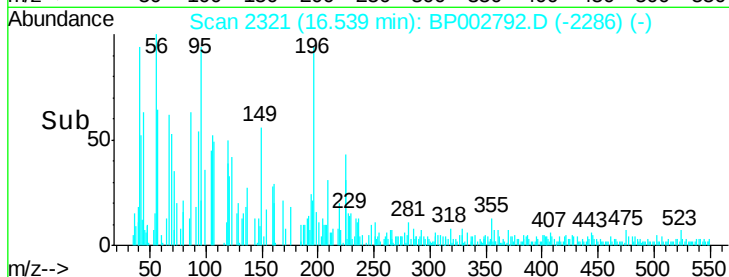
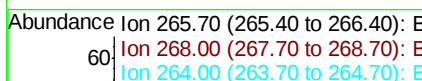
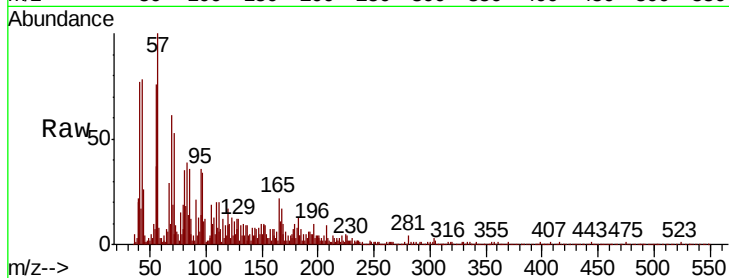
Acq: 17 Jul 2020 15:11

Instrument :

BNA_P

ClientSampled :

Tot Ion:	266	Resp:	22
Ion	Ratio	Lower	Upper
266	100		
268	51.4	50.6	75.8
264	71.4	48.6	72.8



#76

Chrysene-d12

Concen: 20.000 ng

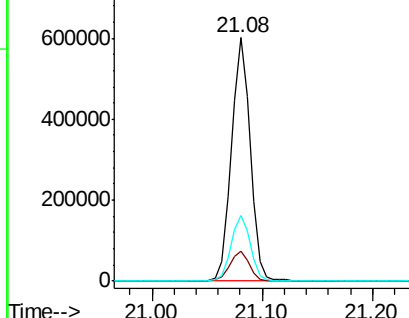
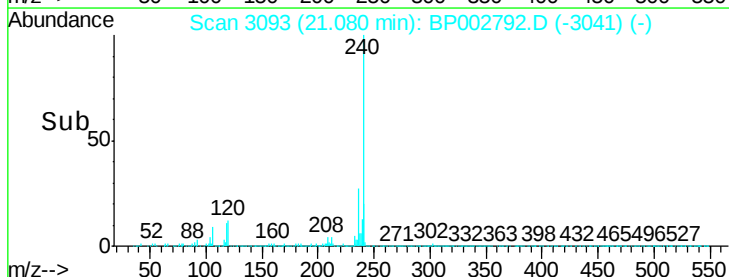
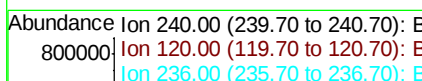
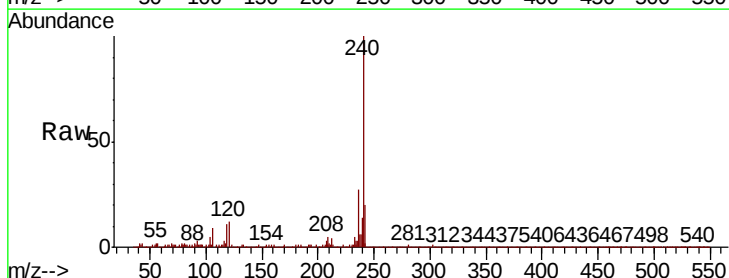
RT: 21.08 min Scan# 3093

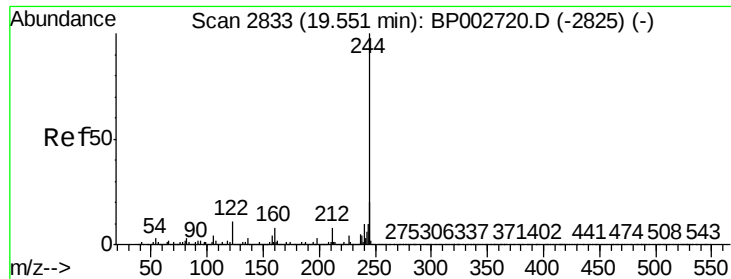
Delta R.T. 0.01 min

Lab File: BP002792.D

Acq: 17 Jul 2020 15:11

Tgt Ion:	240	Resp:	720877
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	26.9	21.3	31.9





#79

Terphenyl-d14

Concen: 14.843 ng

RT: 19.56 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BP002792.D

Acq: 17 Jul 2020 15:11

Instrument :

BNA_P

ClientSampled :

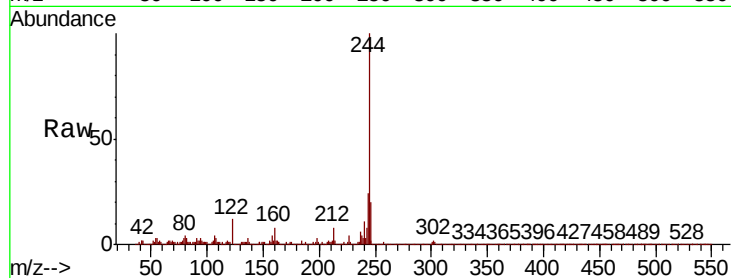
Tot Ion:244 Resp: 466695

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

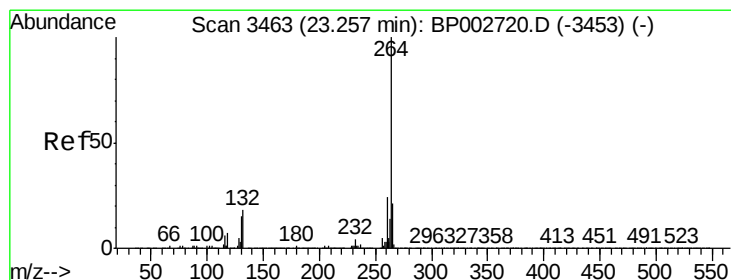
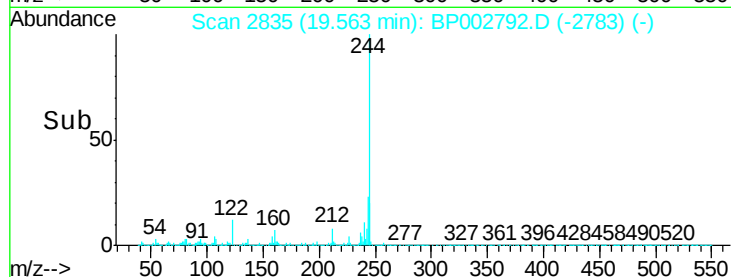
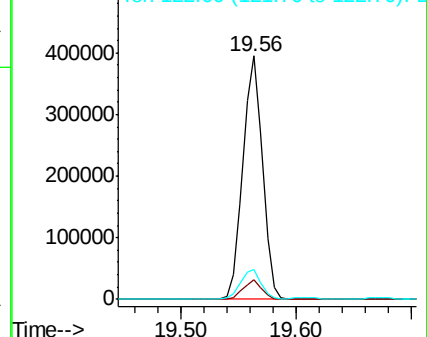
122 12.3 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.27 min Scan# 3466

Delta R.T. 0.01 min

Lab File: BP002792.D

Acq: 17 Jul 2020 15:11

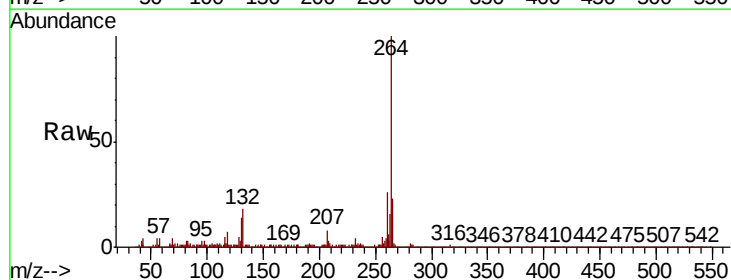
Tgt Ion:264 Resp: 651239

Ion Ratio Lower Upper

264 100

260 26.4 19.3 28.9

265 22.5 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

