

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002801.D
 Acq On : 20 Jul 2020 15:29
 Operator : CG/JU
 Sample : L3177-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720

Quant Time: Jul 20 16:15:10 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

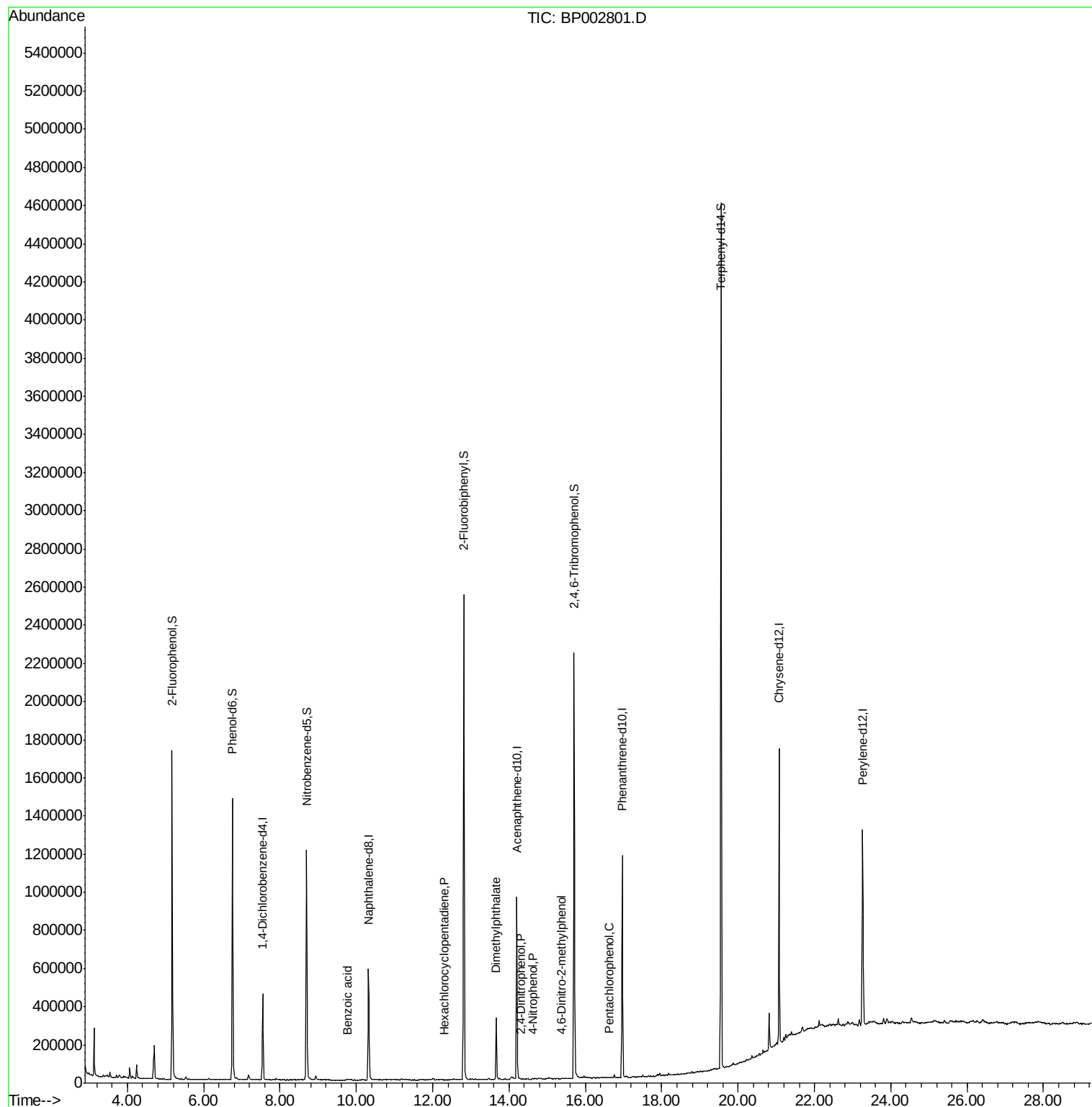
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	118993	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	499140	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	313941	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	673529	20.00	ng	0.00
76) Chrysene-d12	21.07	240	727312	20.00	ng	0.00
86) Perylene-d12	23.26	264	680283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	766640	108.70	ng	0.00
7) Phenol-d6	6.75	99	930092	92.40	ng	0.00
23) Nitrobenzene-d5	8.69	82	732547	78.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	408120	124.54	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1400276	69.00	ng	0.00
79) Terphenyl-d14	19.55	244	2042508	64.39	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	100	7.078	ng	Qvalue # 16
41) Hexachlorocyclopentadiene	12.29	237	10	7.436	ng	79
50) Dimethylphthalate	13.66	163	213566	8.920	ng	99
54) 2,4-Dinitrophenol	14.32	184	48	11.388	ng	# 1
56) 4-Nitrophenol	14.62	139	276	5.028	ng	87
65) 4,6-Dinitro-2-methylphenol	15.37	198	17	5.270	ng	# 1
70) Pentachlorophenol	16.63	266	15	7.445	ng	89

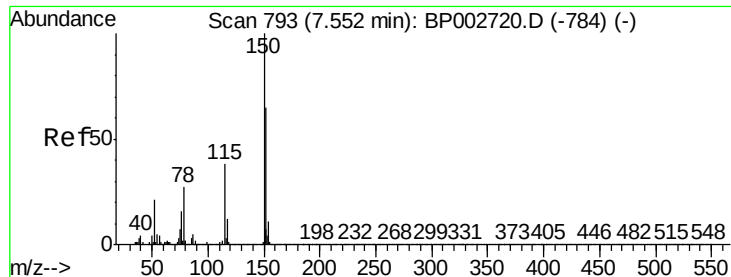
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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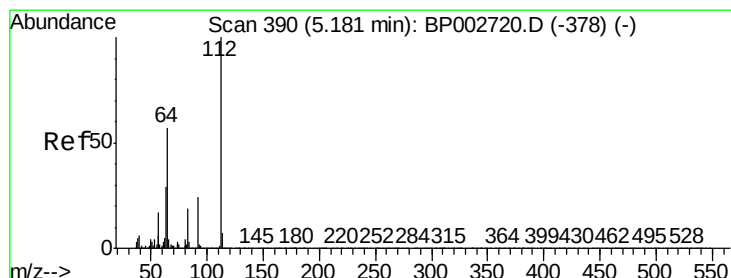
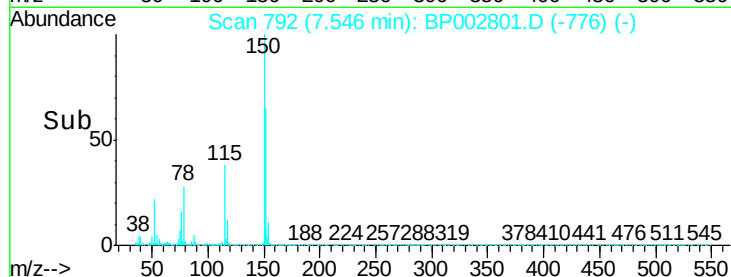
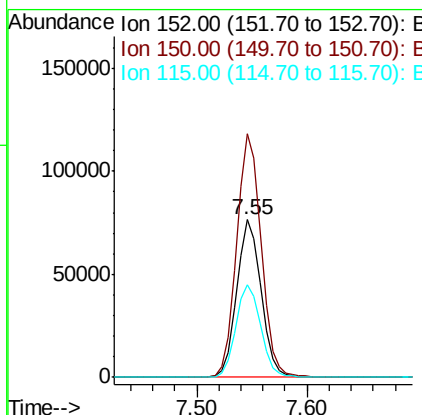
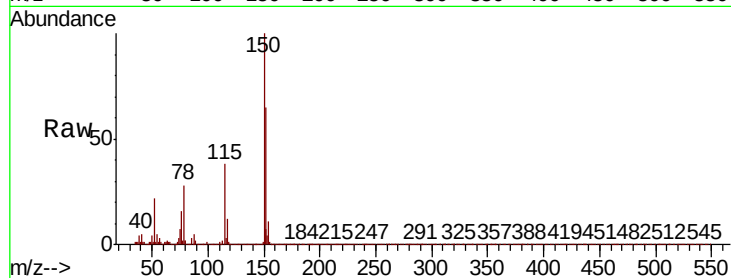


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

Instrument :
BNA_P
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AU-05-071720

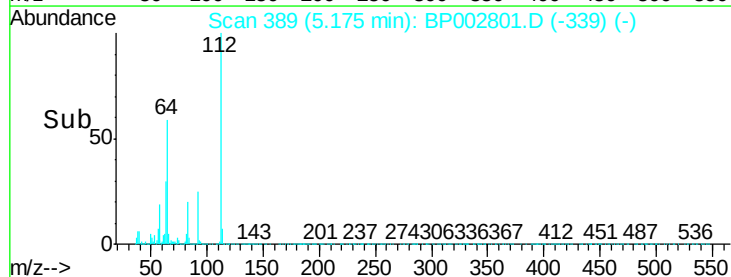
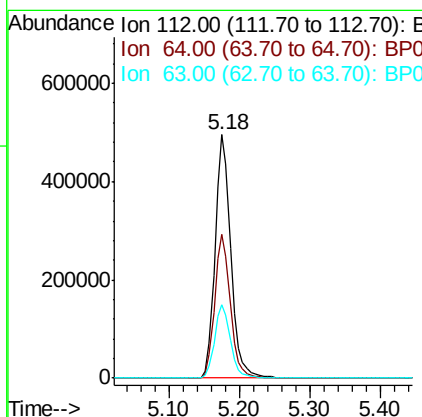
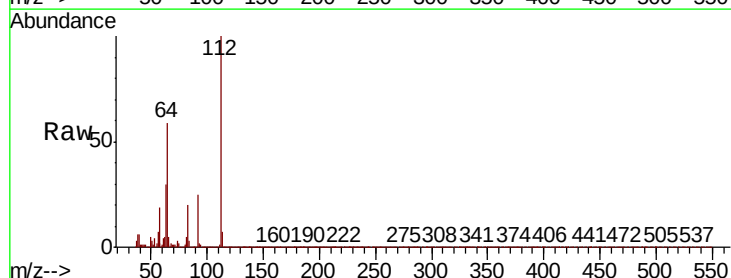
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.7	185.5
115	58.6	47.2	70.8

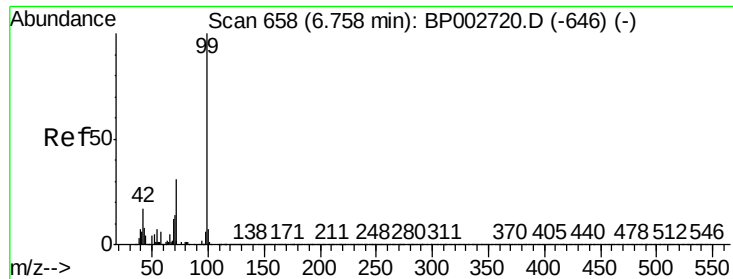


#5

2-Fluorophenol
Concen: 108.701 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.6	68.4
63	30.4	23.5	35.3





#7

Phenol-d6

Concen: 92.405 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002801.D

Acq: 20 Jul 2020 15:29

Instrument :

BNA_P

ClientSampleId :

AU-05-071720

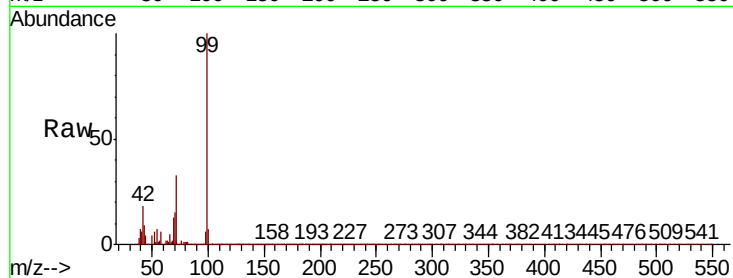
Tot Ion: 99 Resp: 930092

Ion Ratio Lower Upper

99 100

42 17.8 13.4 20.2

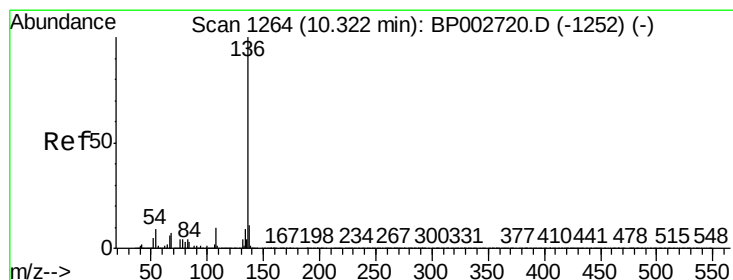
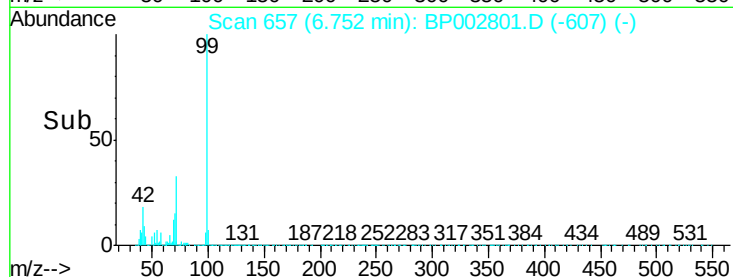
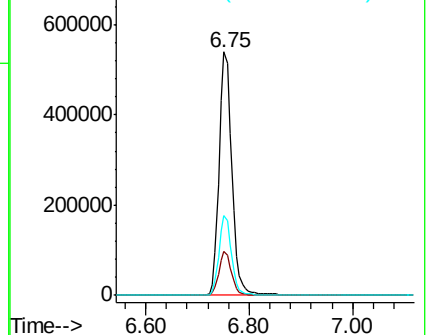
71 32.7 24.6 36.8



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: BP002801.D

Acq: 20 Jul 2020 15:29

Tgt Ion: 136 Resp: 499140

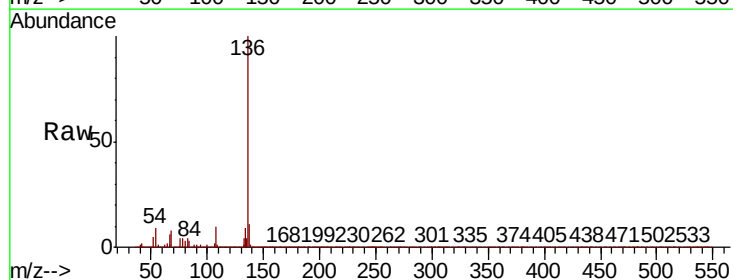
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.0 6.9 10.3

68 7.5 5.7 8.5

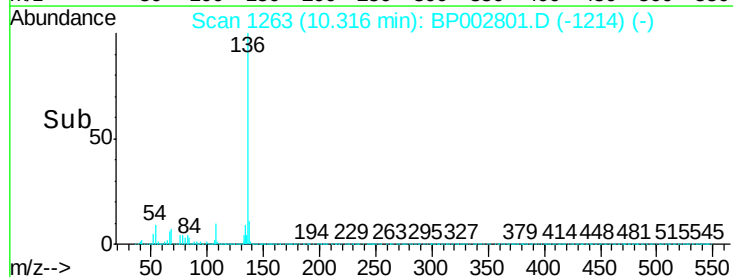
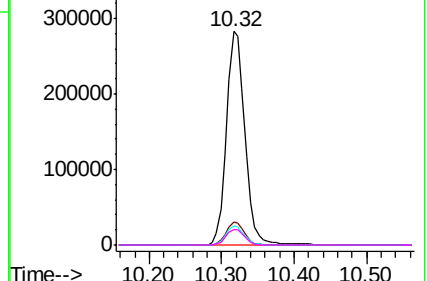


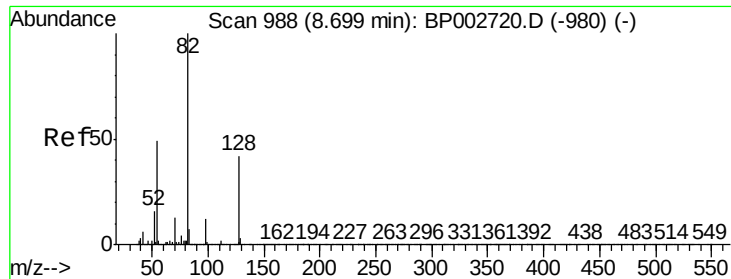
Abundance Ion 136.00 (135.70 to 136.70): E

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

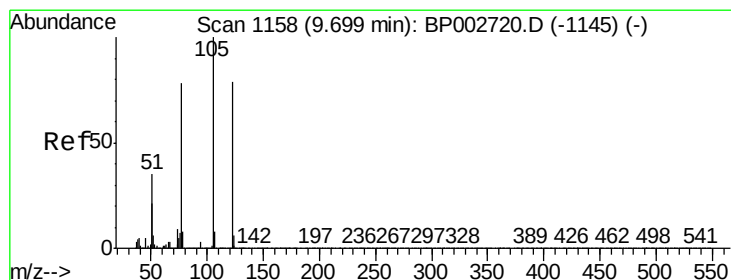
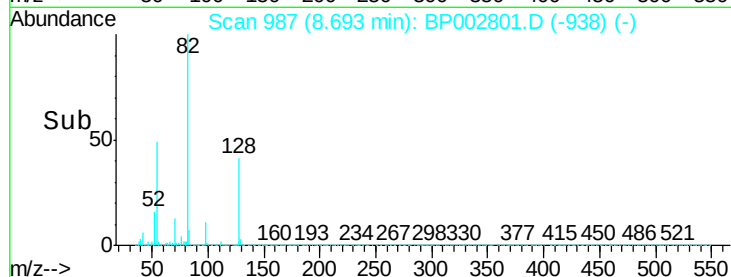
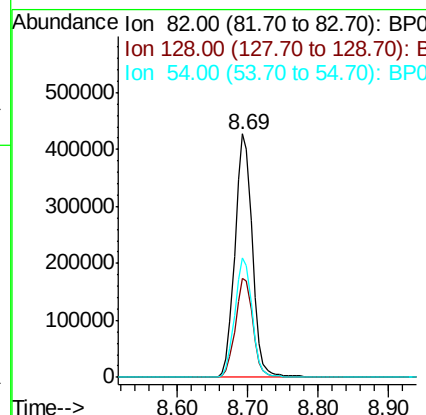
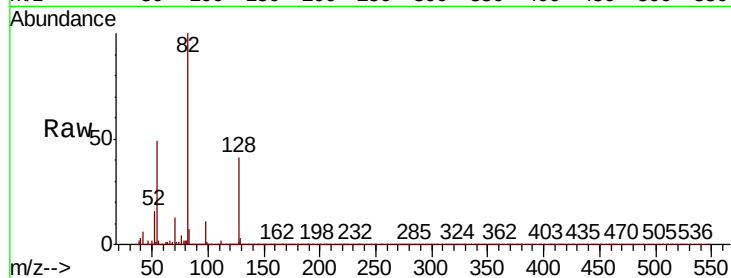




#23
 Nitrobenzene-d5
 Concen: 78.493 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BP002801.D
 Acq: 20 Jul 2020 15:29

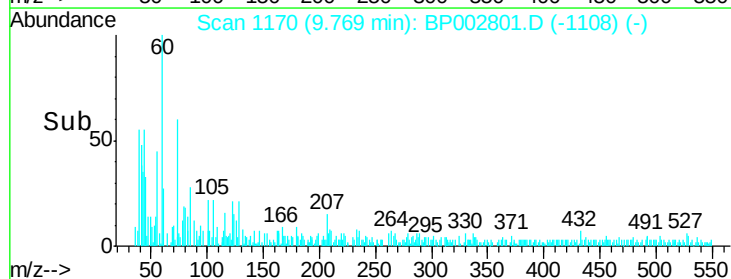
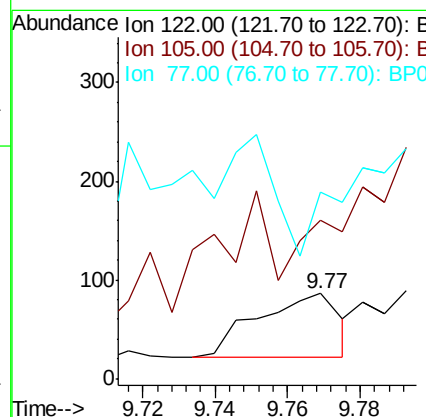
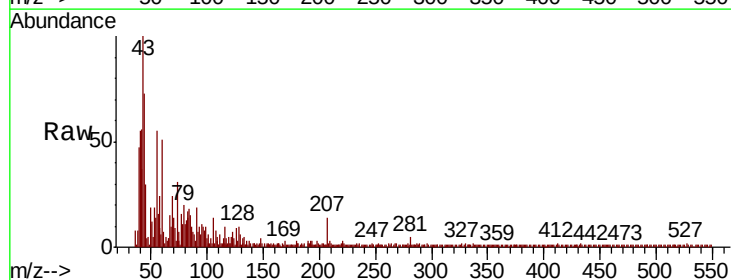
Instrument :
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 AU-05-071720

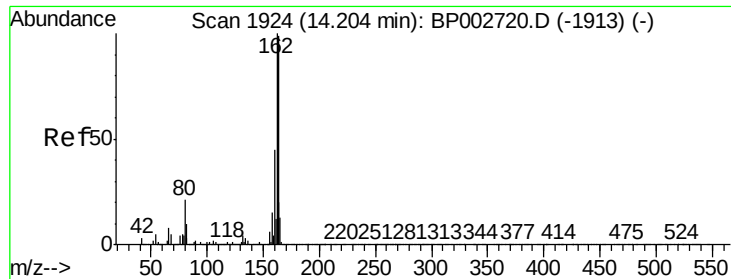
Tot Ion	82	Resp	732547
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.8	50.8
54	48.8	38.8	58.2



#32
 Benzoic acid
 Concen: 7.078 ng
 RT: 9.77 min Scan# 1170
 Delta R.T. 0.06 min
 Lab File: BP002801.D
 Acq: 20 Jul 2020 15:29

Tgt Ion	122	Resp	100
Ion Ratio	Lower	Upper	
122	100		
105	187.2	105.4	145.4#
77	219.8	78.5	118.5#

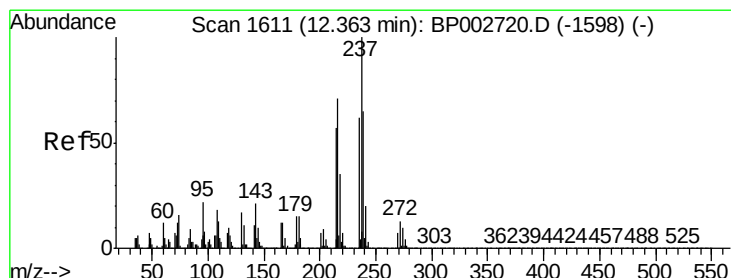
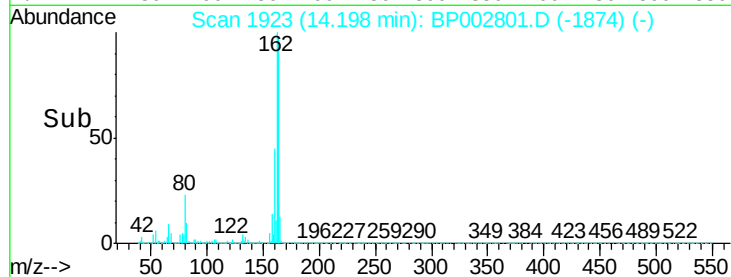
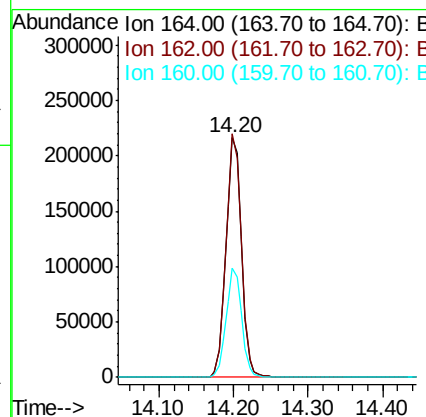
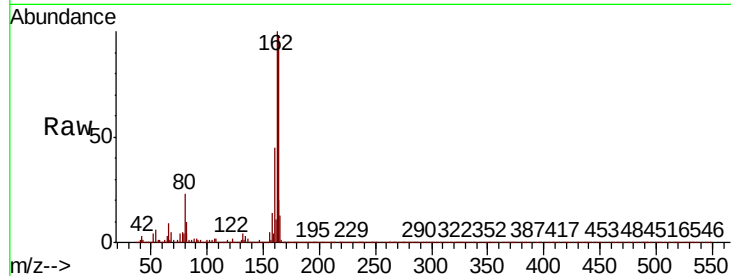




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

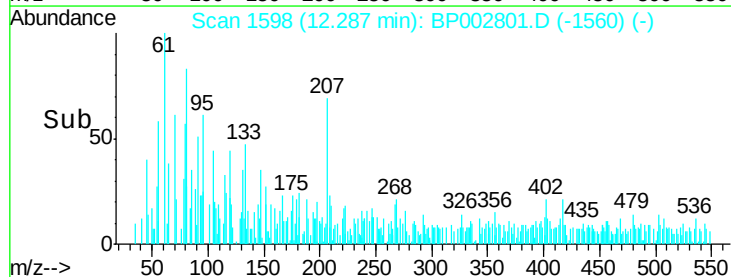
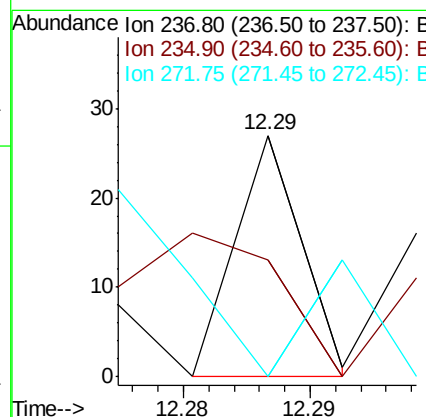
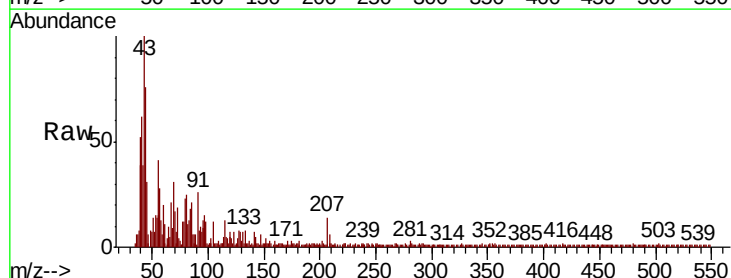
Instrument :
BNA_P
ClientSampleId :
AU-05-071720

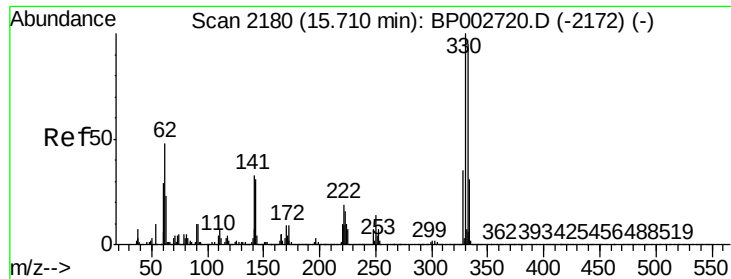
Tot Ion:164 Resp: 313941
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 45.8 36.4 54.6



#41
Hexachlorocyclopentadiene
Concen: 7.436 ng
RT: 12.29 min Scan# 1598
Delta R.T. -0.08 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 48.1 42.3 82.3
272 0.0 0.0 32.5

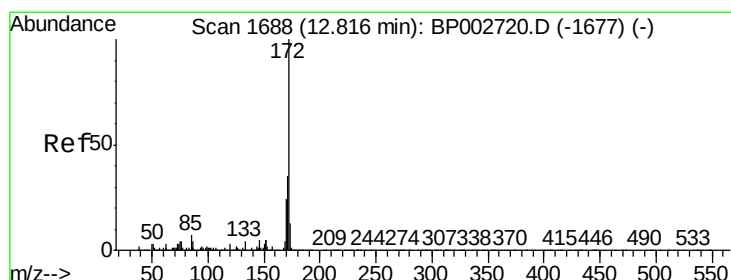
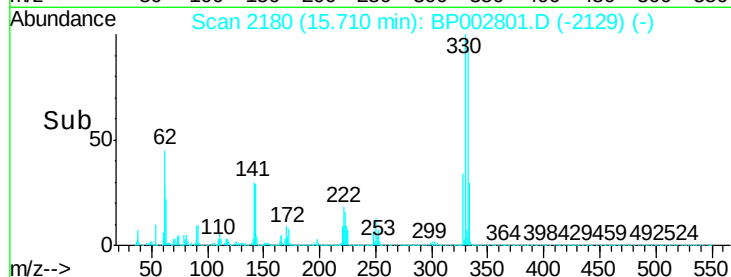
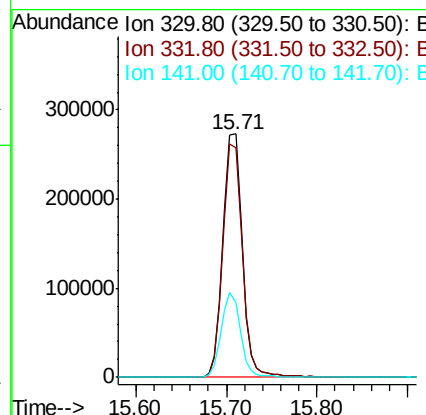
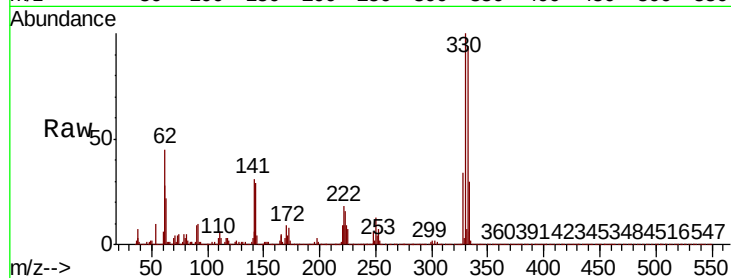




#42
 2,4,6-Tribromophenol
 Concen: 124.539 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002801.D
 Acq: 20 Jul 2020 15:29

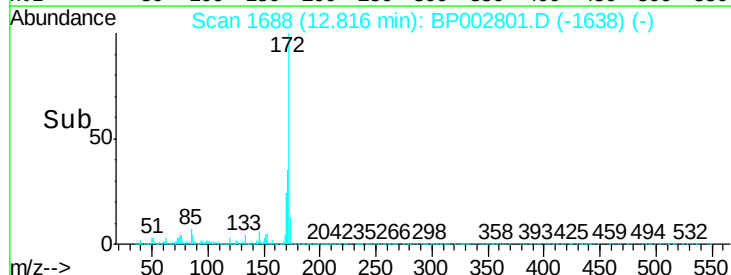
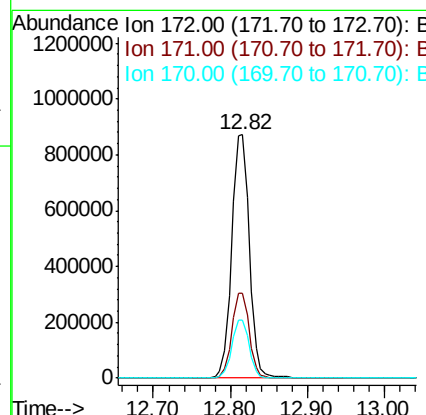
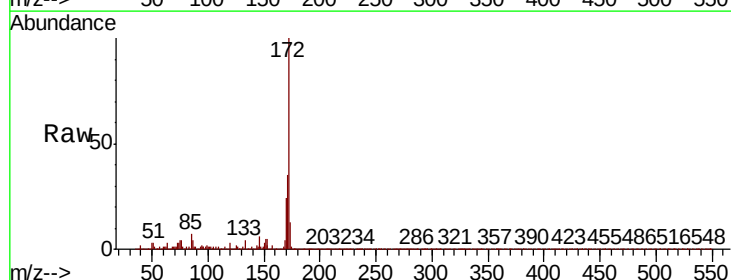
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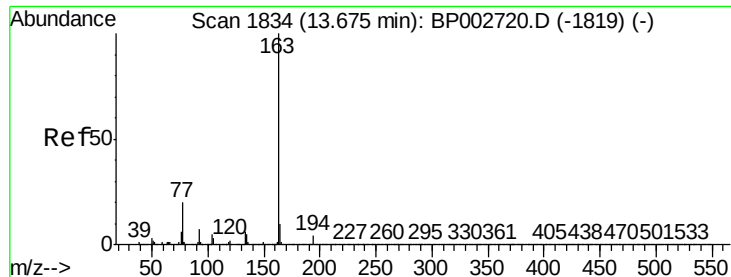
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.5	114.7
141	34.3	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 69.000 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002801.D
 Acq: 20 Jul 2020 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	24.0	19.3	28.9





#50

Dimethylphthalate

Concen: 8.920 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002801.D

Acq: 20 Jul 2020 15:29

Instrument :

BNA_P

ClientSampleId :

AU-05-071720

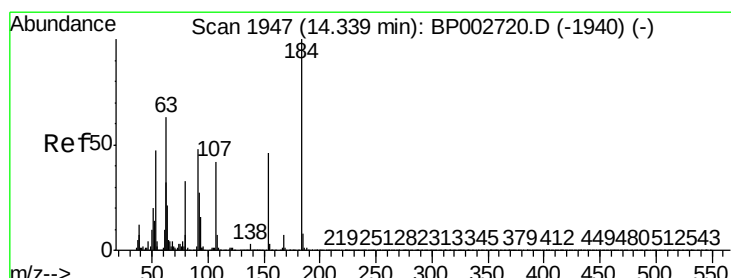
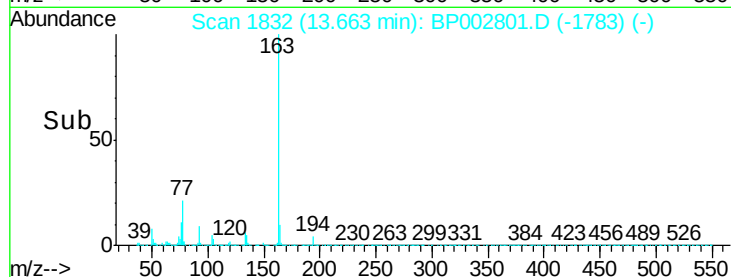
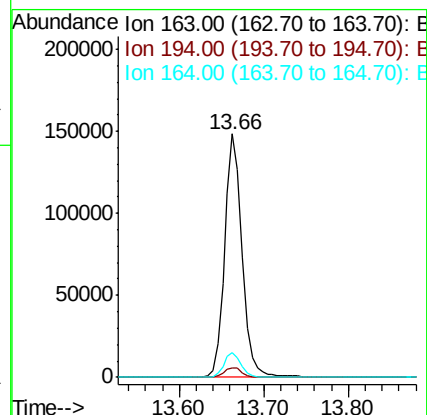
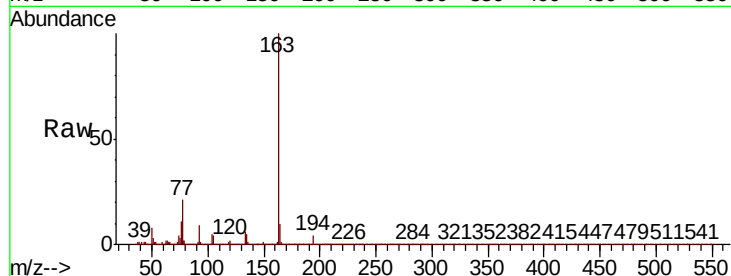
Tot Ion:163 Resp: 213566

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 10.0 7.8 11.8



#54

2,4-Dinitrophenol

Concen: 11.388 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BP002801.D

Acq: 20 Jul 2020 15:29

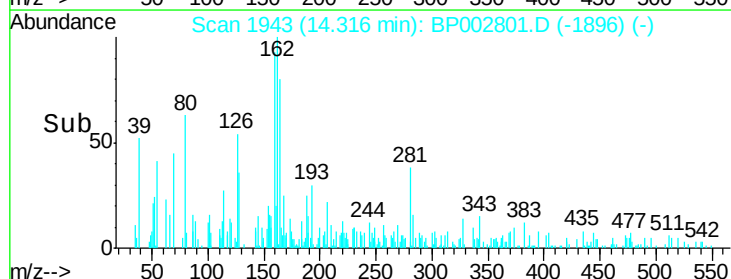
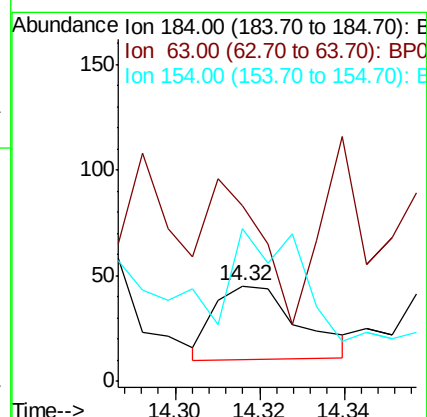
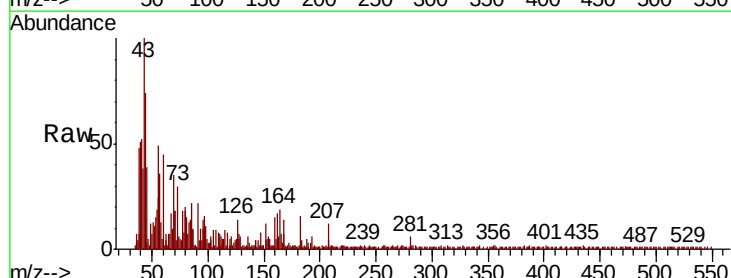
Tgt Ion:184 Resp: 48

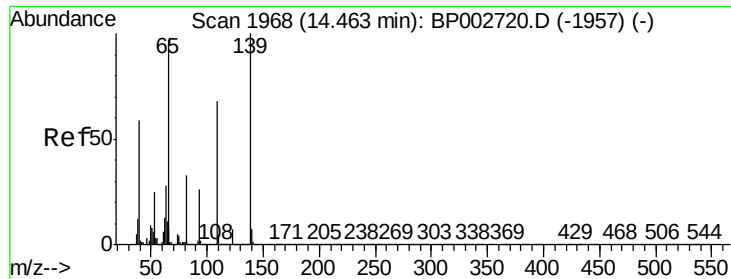
Ion Ratio Lower Upper

184 100

63 184.4 51.6 77.4#

154 160.0 45.0 67.6#

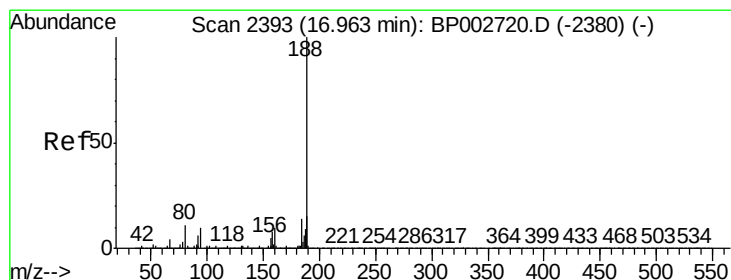
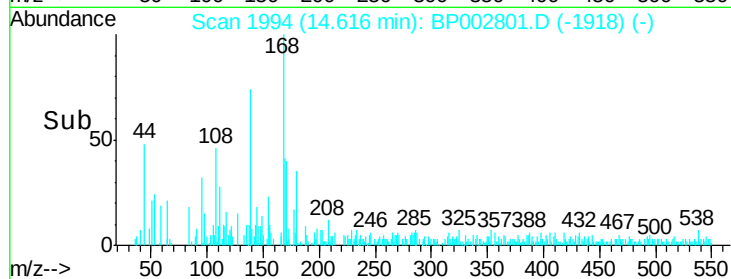
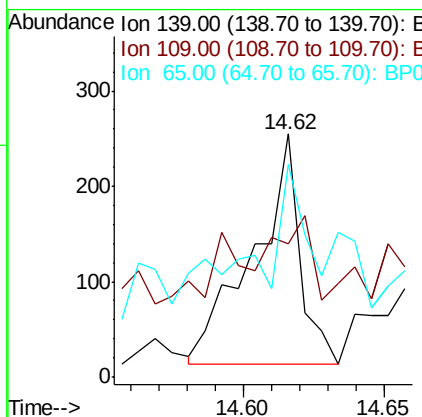
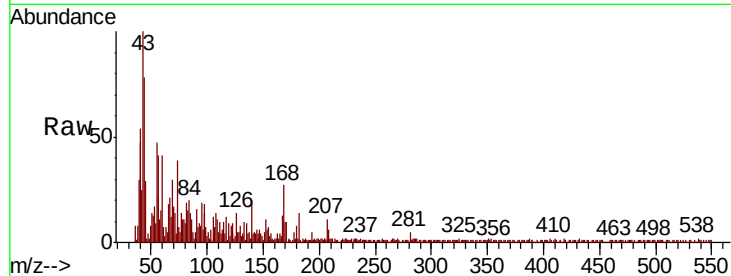




#56
4-Nitrophenol
Concen: 5.028 ng
RT: 14.62 min Scan# 1994
Delta R.T. 0.15 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

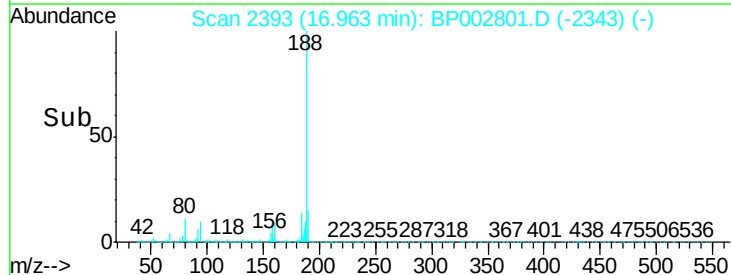
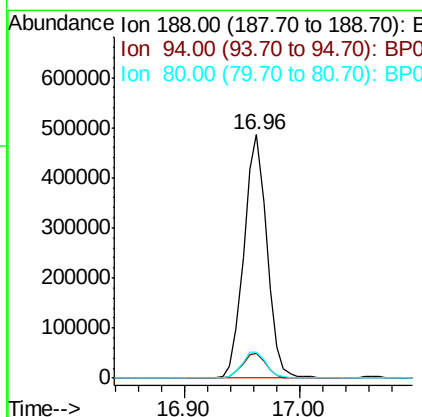
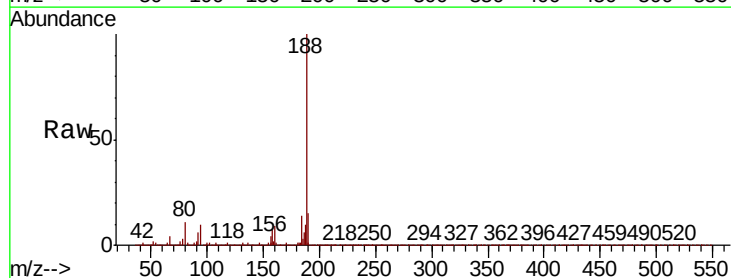
Instrument :
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AU-05-071720

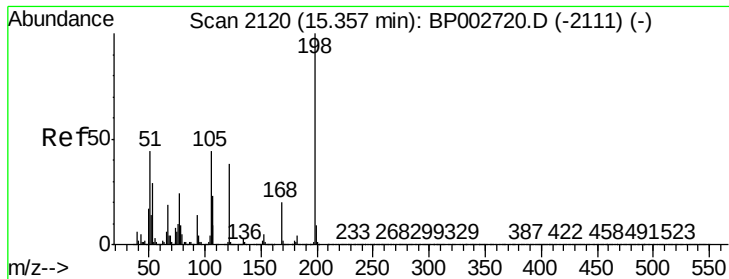
Tot Ion:139 Resp: 276
Ion Ratio Lower Upper
139 100
109 54.9 48.1 88.1
65 87.5 77.9 117.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

Tgt Ion:188 Resp: 673529
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 10.9 8.9 13.3

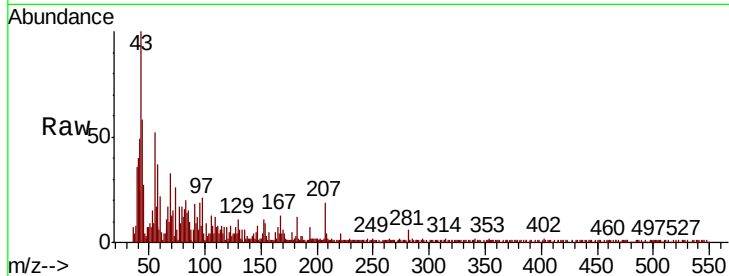




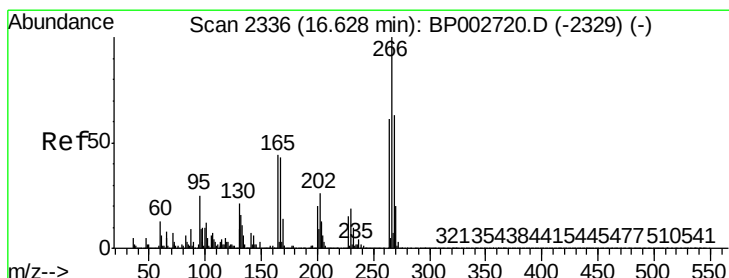
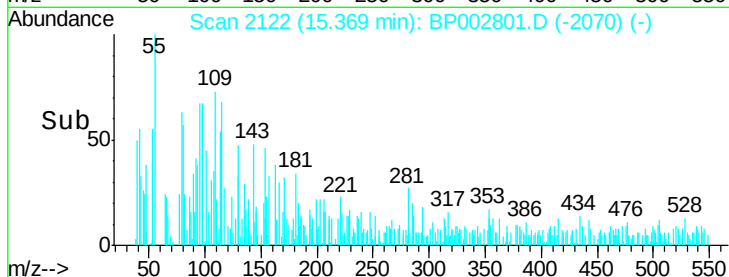
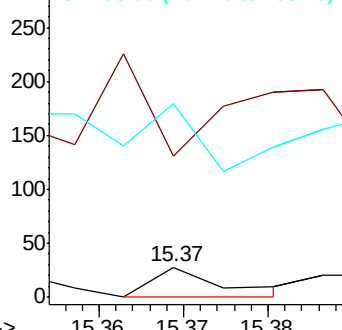
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.270 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: BP002801.D
 Acq: 20 Jul 2020 15:29

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720

Tot Ion	Ratio	Lower	Upper
198	100		
51	467.9	27.1	67.1#
105	639.3	24.9	64.9#

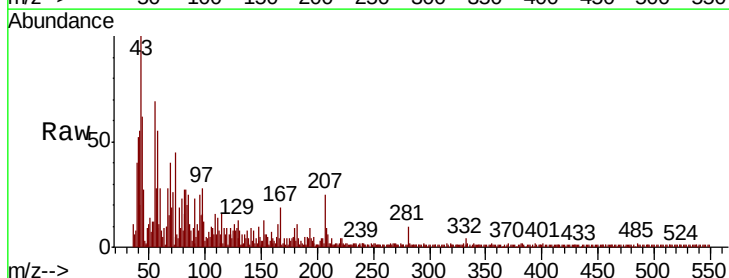


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BP0
 Ion 105.00 (104.70 to 105.70): E

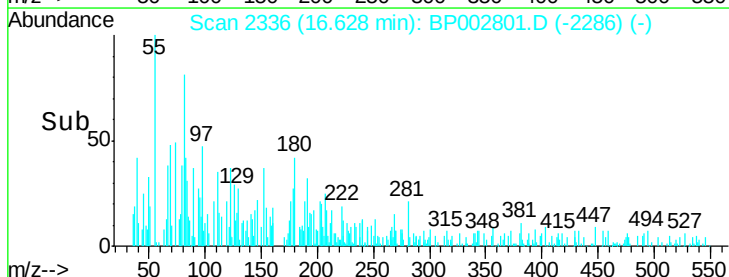
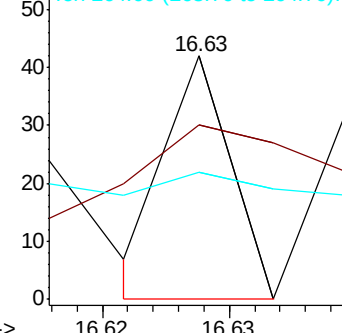


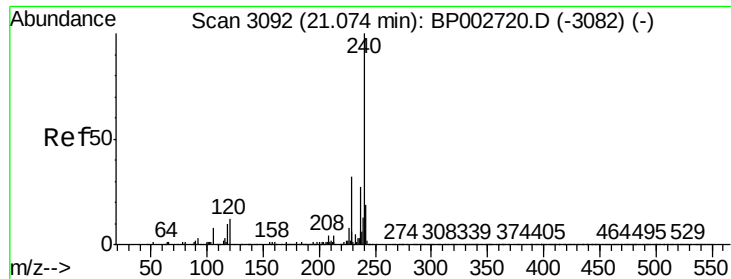
#70
 Pentachlorophenol
 Concen: 7.445 ng
 RT: 16.63 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: BP002801.D
 Acq: 20 Jul 2020 15:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.4	50.6	75.8
264	52.4	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

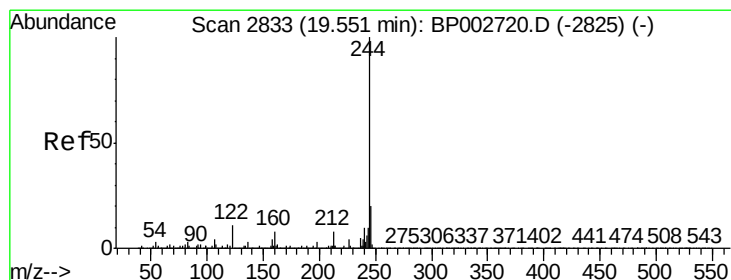
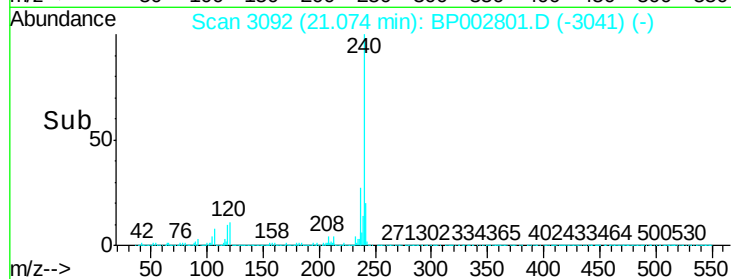
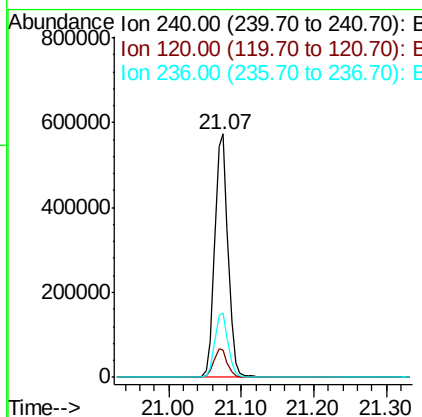
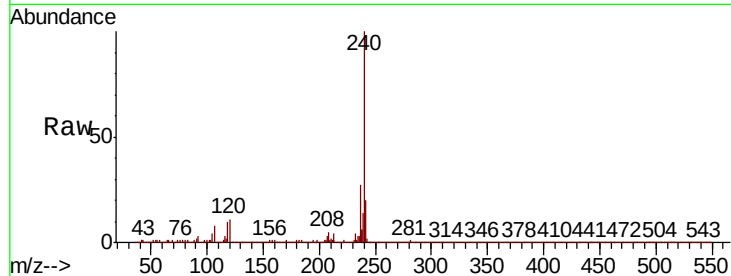




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

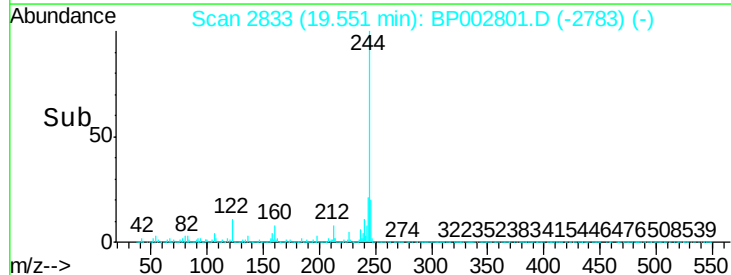
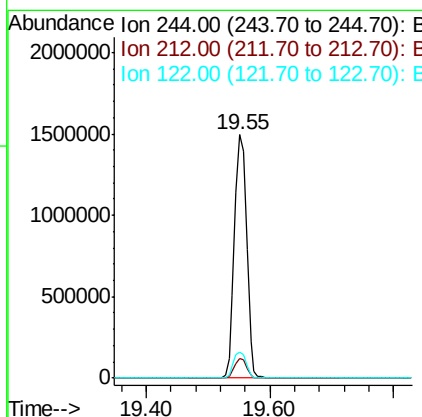
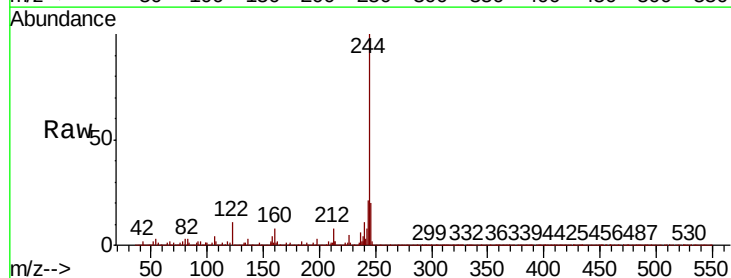
Instrument :
BNA_P
ClientSampleId :
AU-05-071720

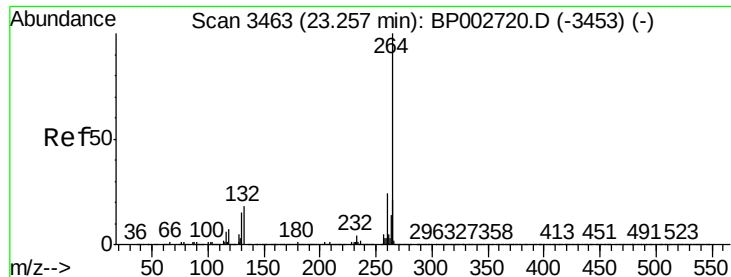
Tot Ion:240 Resp: 727312
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 26.6 21.3 31.9



#79
Terphenyl-d14
Concen: 64.386 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

Tgt Ion:244 Resp: 2042508
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 10.8 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002801.D
Acq: 20 Jul 2020 15:29

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.3	28.9
265	22.4	16.8	25.2

