

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002798.D
 Acq On : 20 Jul 2020 13:47
 Operator : CG/JU
 Sample : L3182-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-071720

Quant Time: Jul 20 15:22:04 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

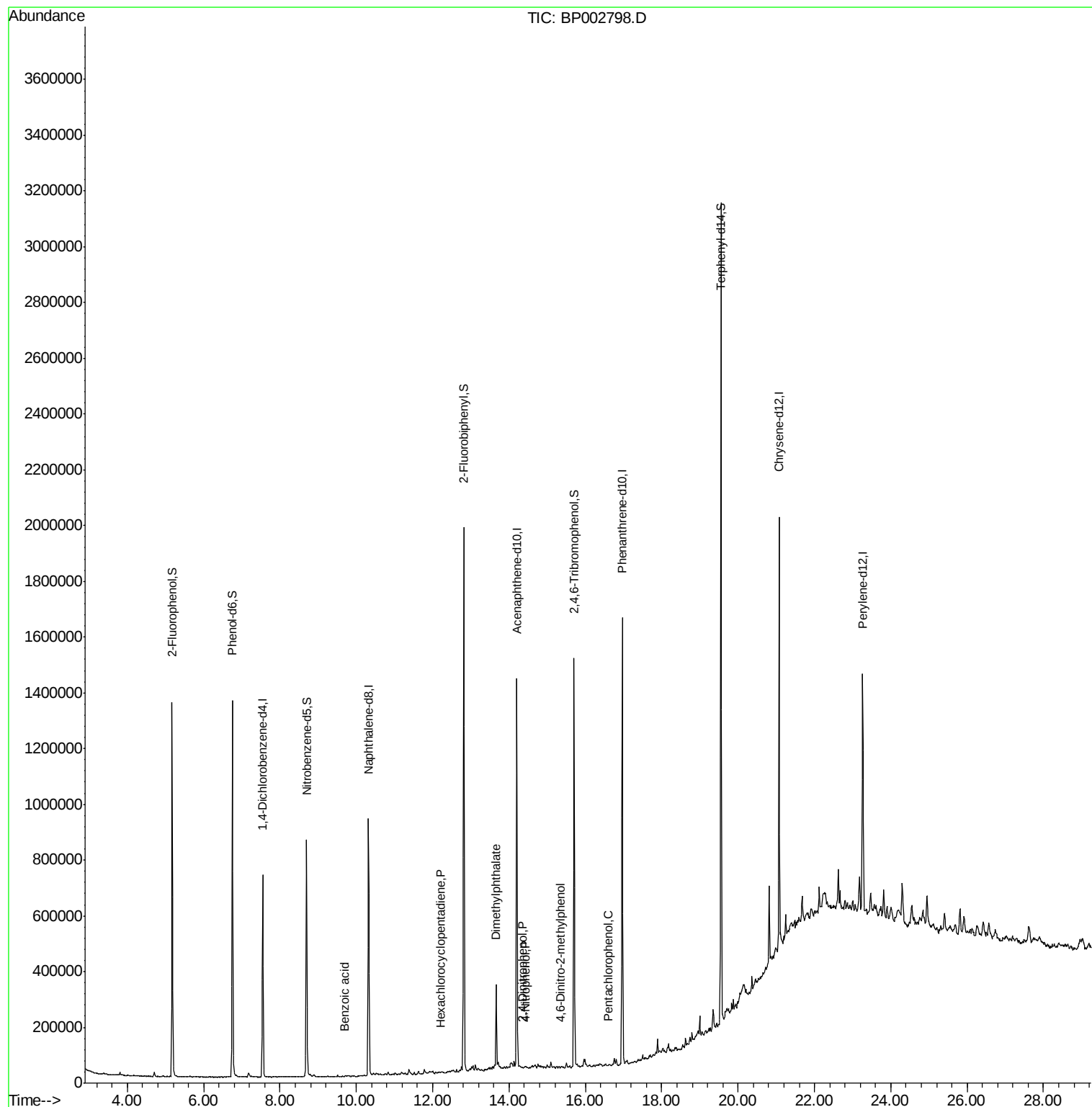
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	190388	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	784888	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	468592	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	925780	20.00	ng	0.00
76) Chrysene-d12	21.07	240	697413	20.00	ng	0.00
86) Perylene-d12	23.26	264	571965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	595683	52.79	ng	0.00
7) Phenol-d6	6.75	99	822248	51.06	ng	0.00
23) Nitrobenzene-d5	8.69	82	503788	34.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	260695	53.30	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1049177	34.64	ng	-0.01
79) Terphenyl-d14	19.55	244	1220994	40.14	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	225	7.084	ng	Qvalue # 3
41) Hexachlorocyclopentadiene	12.21	237	22	7.437	ng	92
50) Dimethylphthalate	13.66	163	189902	5.314	ng	99
54) 2,4-Dinitrophenol	14.35	184	31	11.380	ng	# 1
56) 4-Nitrophenol	14.43	139	300	5.013	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	32	5.272	ng	# 1
70) Pentachlorophenol	16.59	266	21	7.445	ng	98

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

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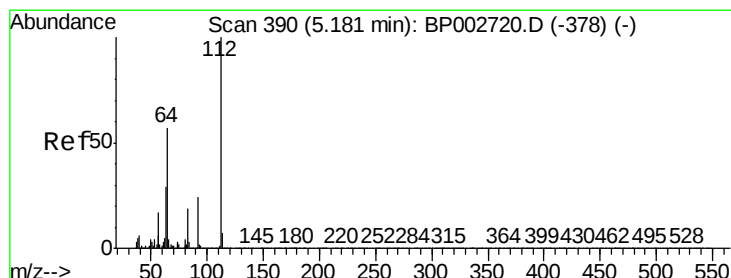
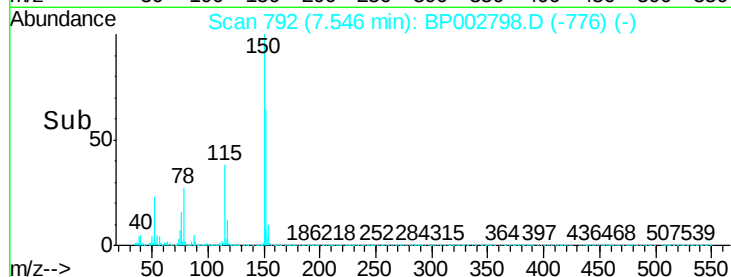
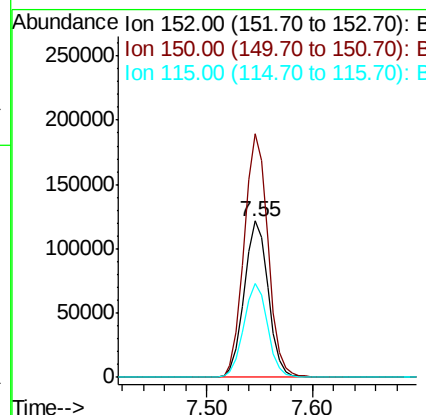
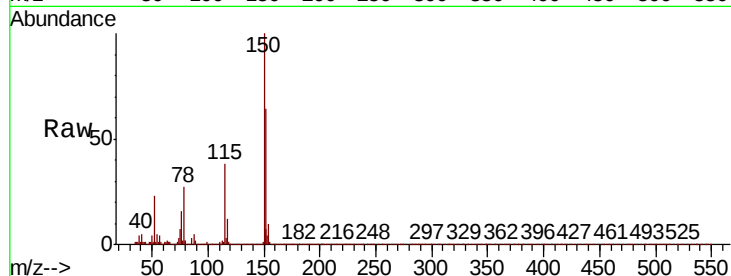


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002798.D
Acq: 20 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
NB-08-071720

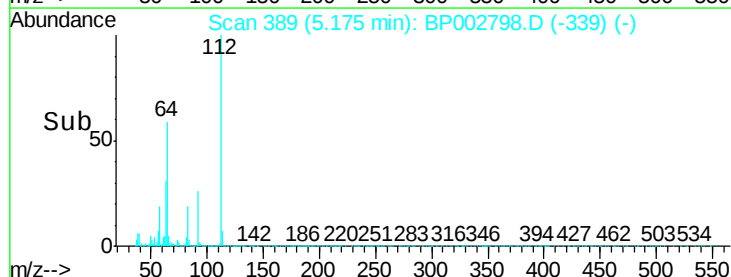
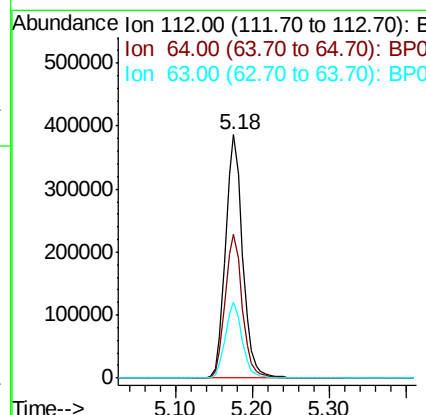
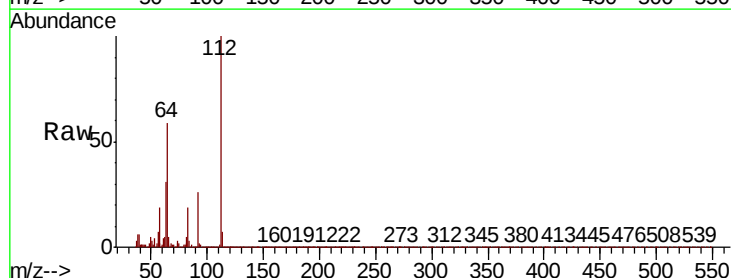
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	59.8	47.2	70.8

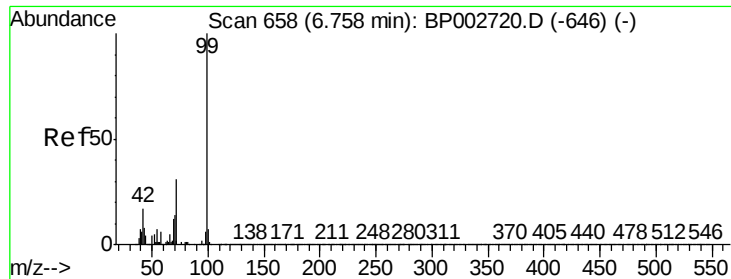


#5

2-Fluorophenol
Concen: 52.788 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002798.D
Acq: 20 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.6	68.4
63	30.9	23.5	35.3





#7

Phenol-d6

Concen: 51.057 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

NB-08-071720

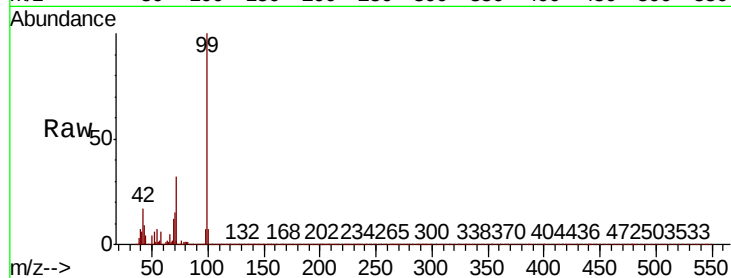
Tot Ion: 99 Resp: 822248

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

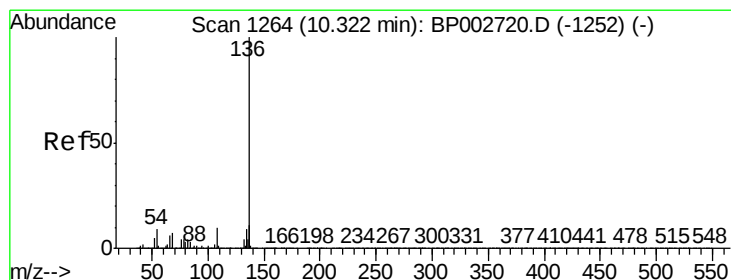
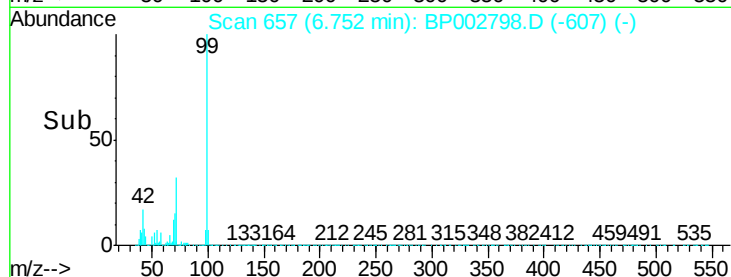
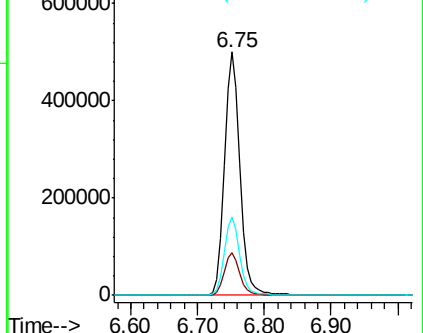
71 32.1 24.6 36.8



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: BP002798.D

Acq: 20 Jul 2020 13:47

Tgt Ion: 136 Resp: 784888

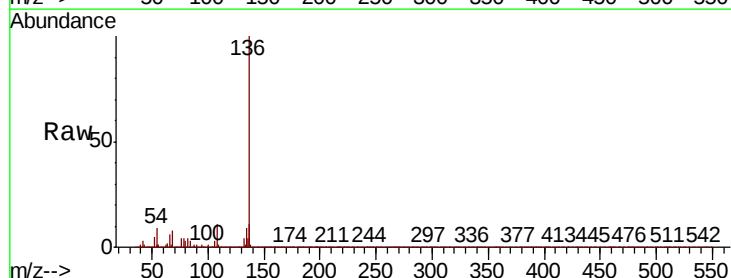
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.9 6.9 10.3

68 7.8 5.7 8.5

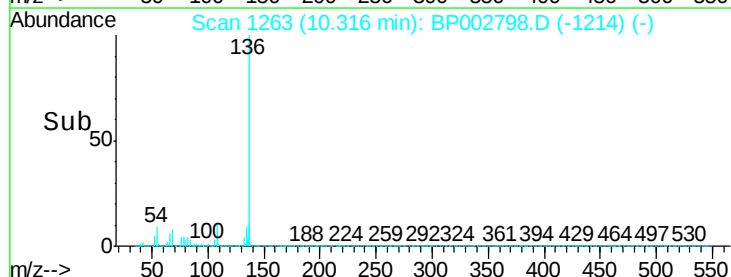
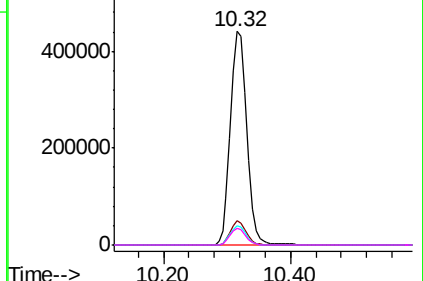


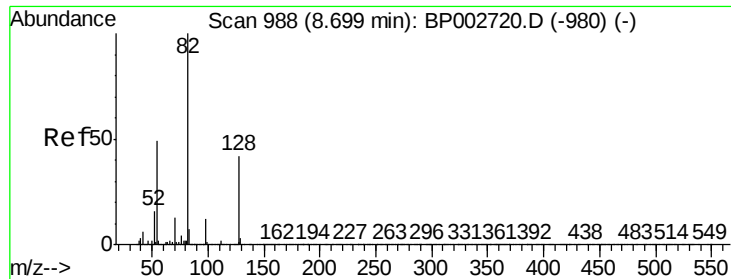
Abundance Ion 136.00 (135.70 to 136.70): E

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

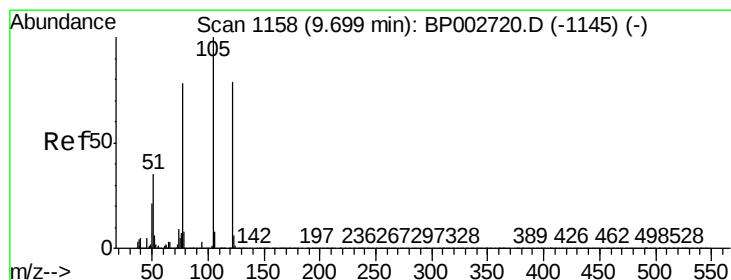
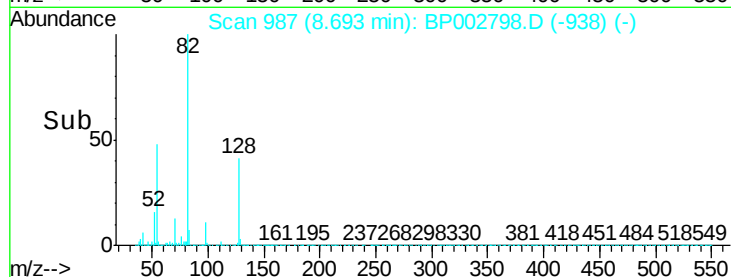
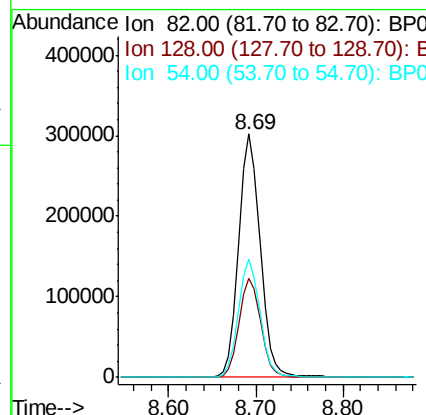
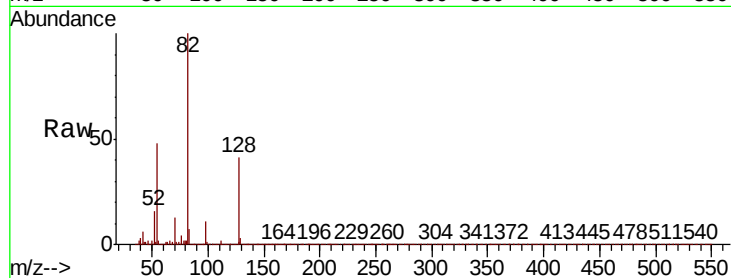




#23
Nitrobenzene-d5
Concen: 34.329 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002798.D
Acq: 20 Jul 2020 13:47

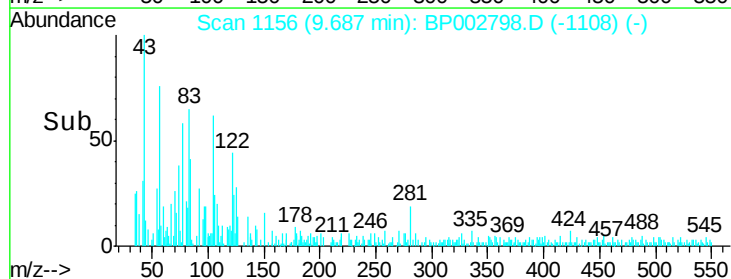
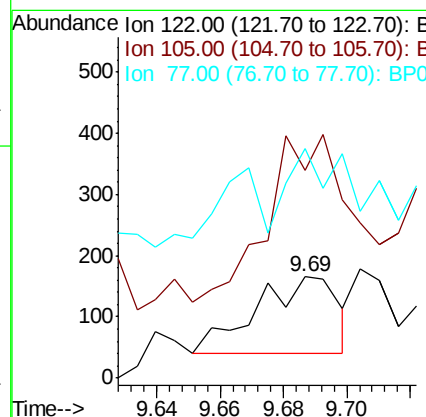
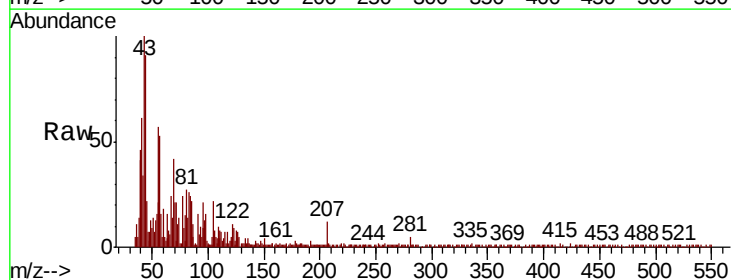
Instrument :
BNA_P
ClientSampleId :
NB-08-071720

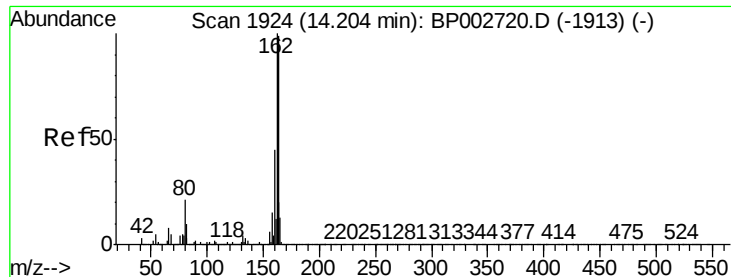
Tot Ion	82	Resp	503788
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.8	50.8
54	48.3	38.8	58.2



#32
Benzoic acid
Concen: 7.084 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BP002798.D
Acq: 20 Jul 2020 13:47

Tgt Ion	122	Resp	225
Ion Ratio	Lower	Upper	
122	100		
105	206.1	105.4	145.4#
77	227.3	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: BP002798.D

Acq: 20 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

NB-08-071720

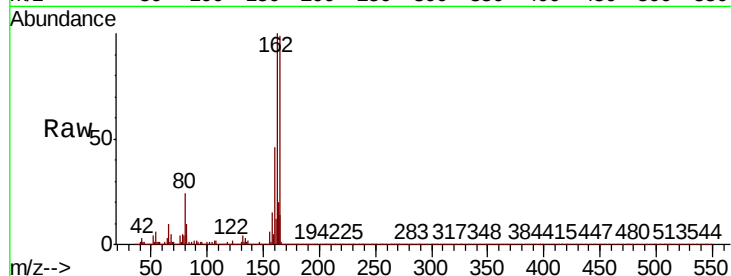
Tot Ion:164 Resp: 468592

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

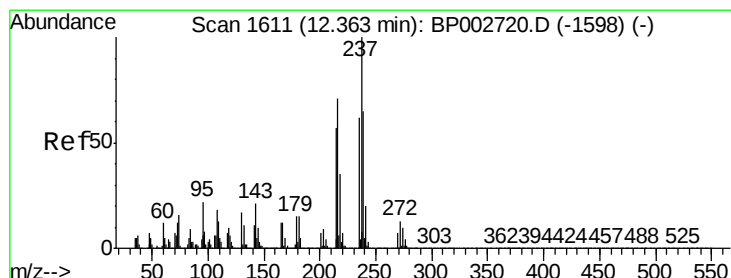
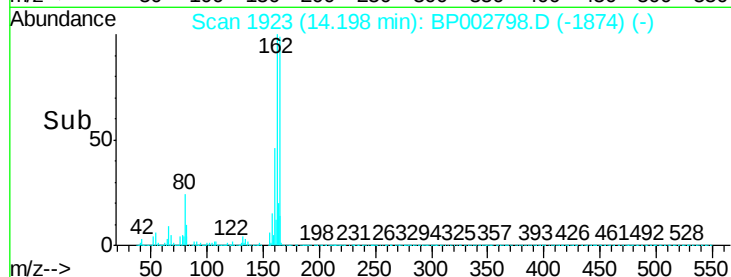
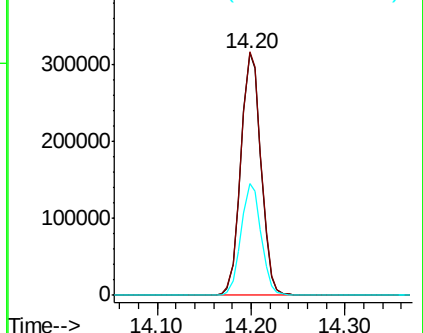
160 46.0 36.4 54.6



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: 12.21 min Scan# 1585

Delta R.T. -0.15 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

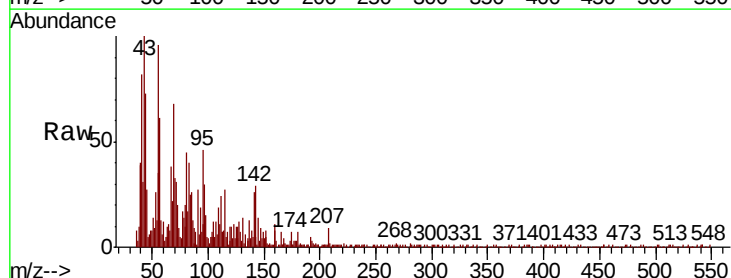
Tgt Ion:237 Resp: 22

Ion Ratio Lower Upper

237 100

235 61.1 42.3 82.3

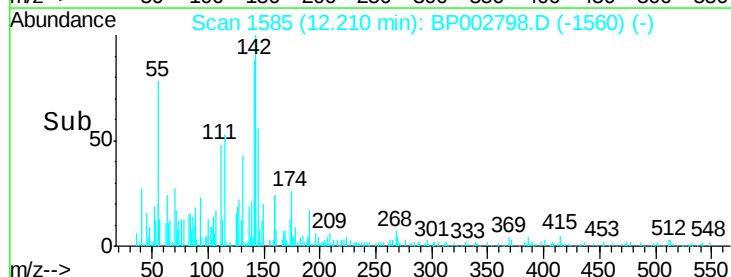
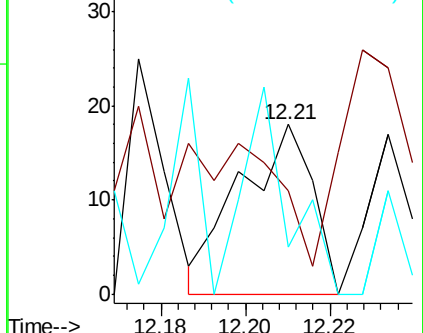
272 27.8 0.0 32.5

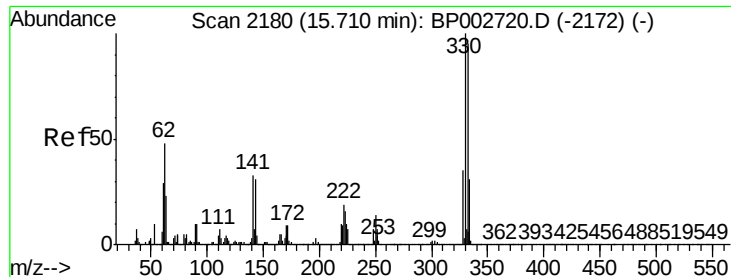


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

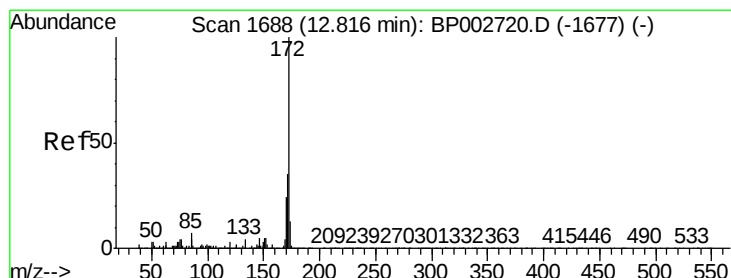
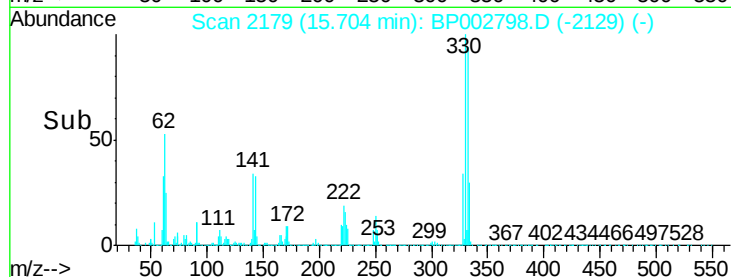
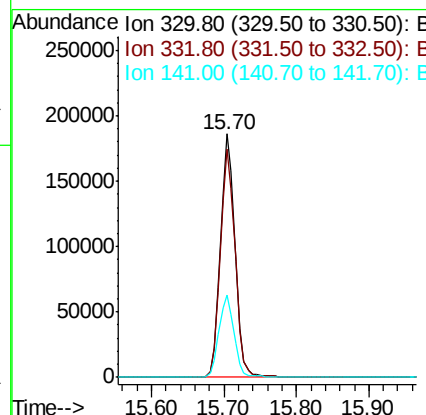
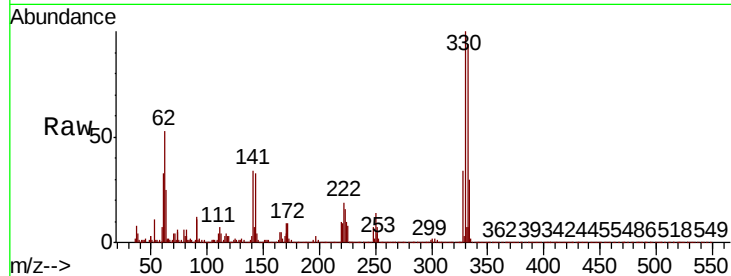




#42
 2,4,6-Tribromophenol
 Concen: 53.297 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002798.D
 Acq: 20 Jul 2020 13:47

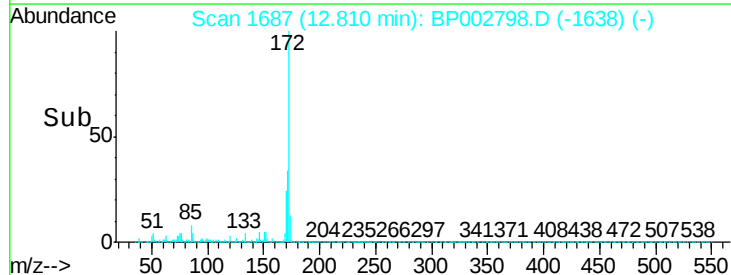
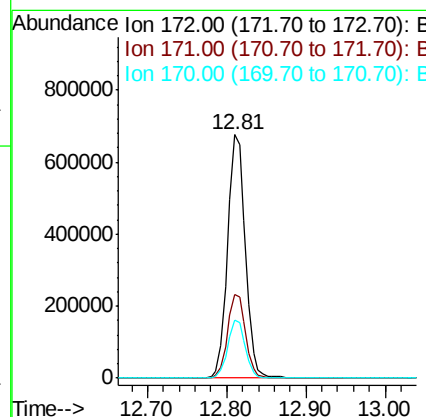
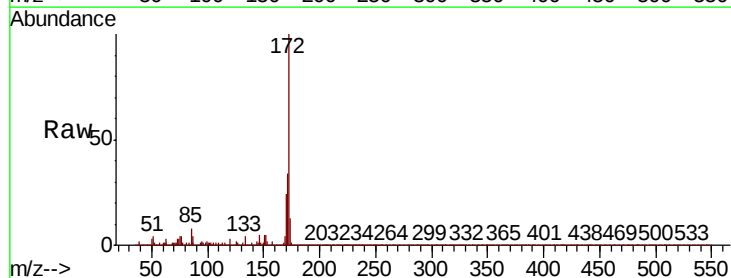
Instrument :
 BNA_P
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 NB-08-071720

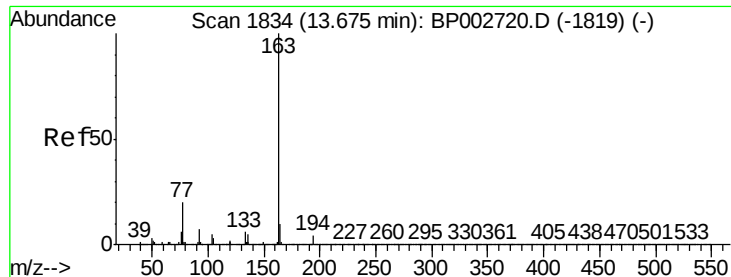
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.5	114.7
141	34.8	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 34.637 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002798.D
 Acq: 20 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.1	42.1
170	23.6	19.3	28.9





#50

Dimethylphthalate

Concen: 5.314 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

Instrument :

BNA_P

ClientSampleId :

NB-08-071720

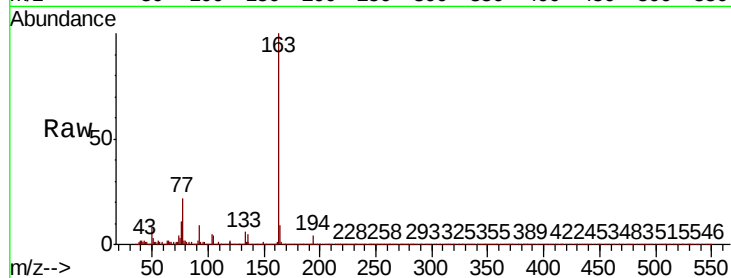
Tot Ion:163 Resp: 189902

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

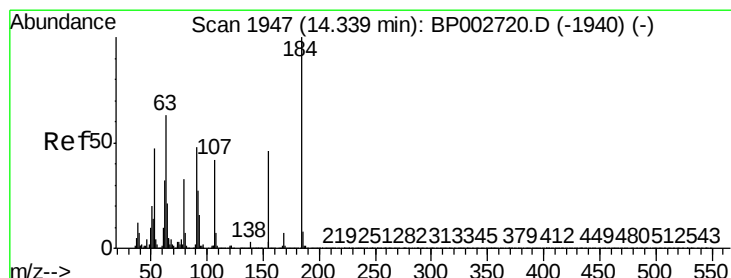
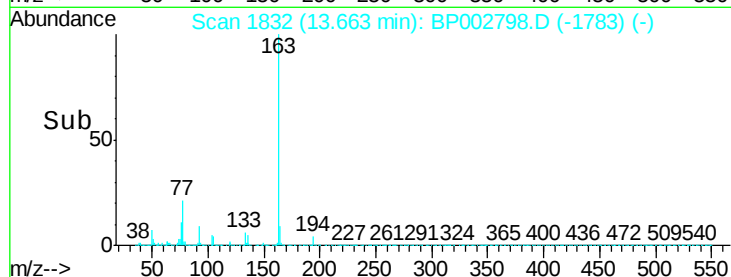
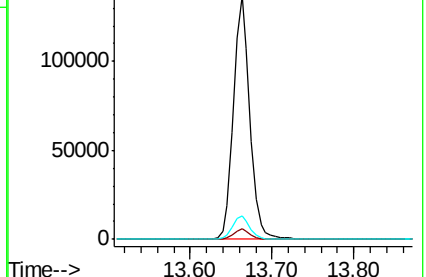
164 9.5 7.8 11.8



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: 11.380 ng

RT: 14.35 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

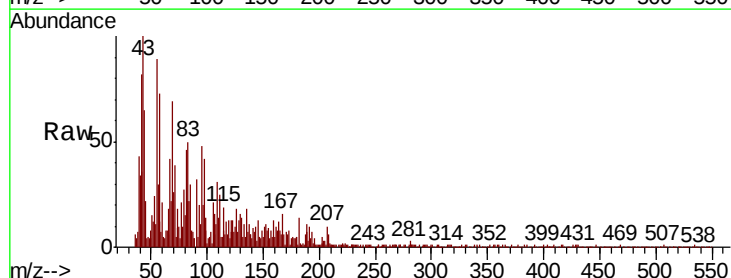
Tgt Ion:184 Resp: 31

Ion Ratio Lower Upper

184 100

63 630.0 51.6 77.4#

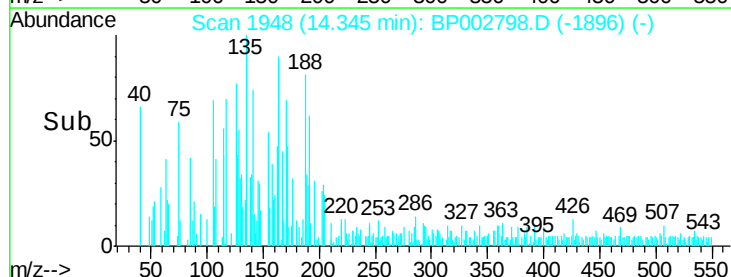
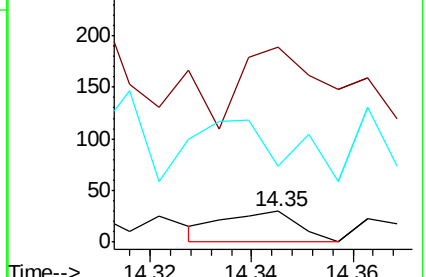
154 246.7 45.0 67.6#

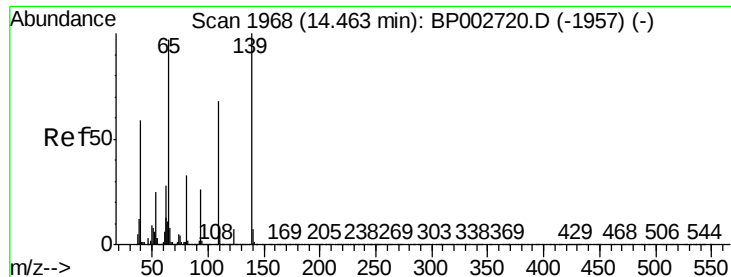


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#56

4-Nitrophenol

Concen: 5.013 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.04 min

Lab File: BP002798.D

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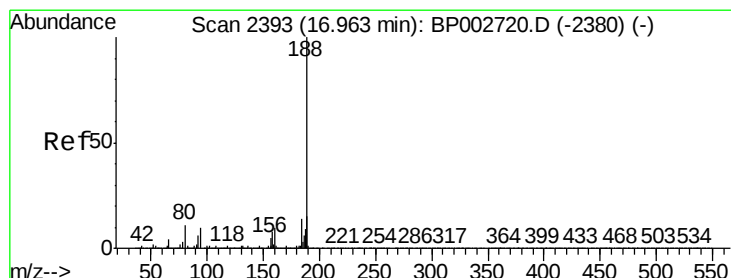
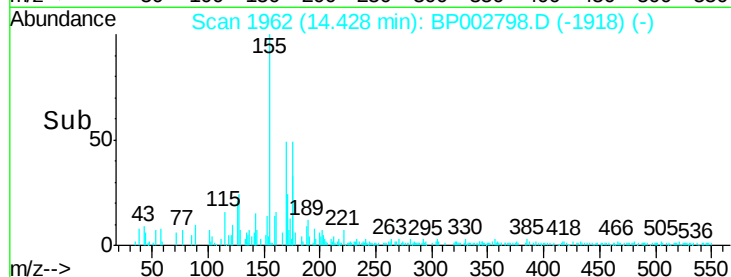
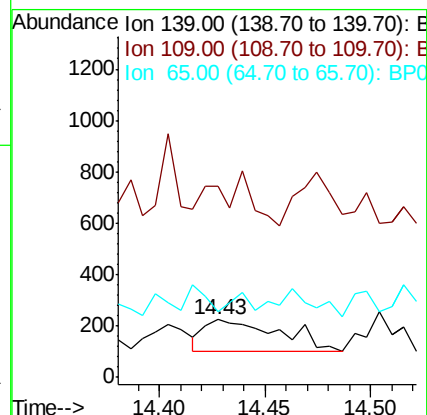
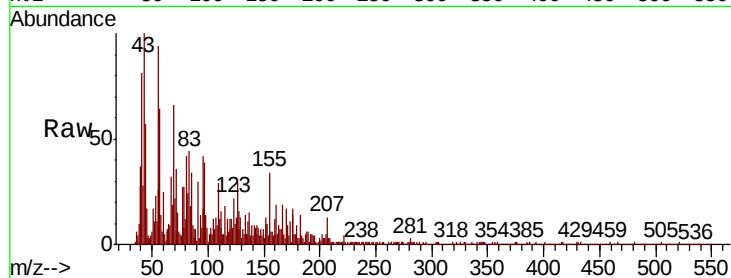
Tot Ion:139 Resp: 300

Ion Ratio Lower Upper

139 100

109 330.7 48.1 88.1#

65 114.7 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: BP002798.D

Acq: 20 Jul 2020 13:47

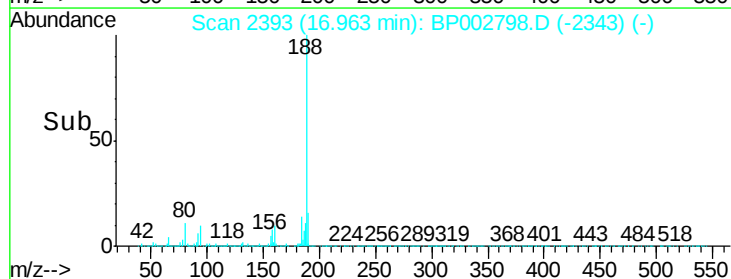
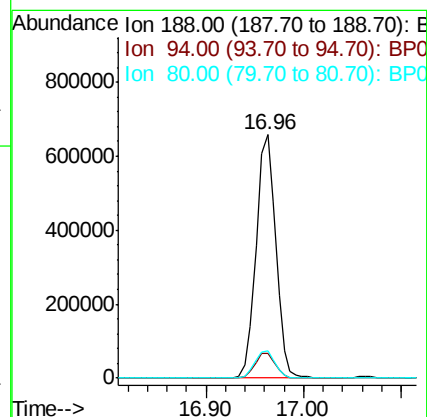
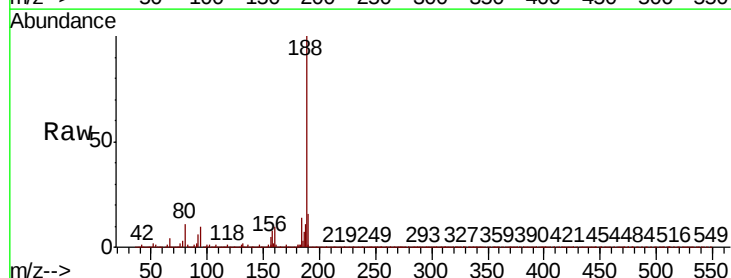
Tgt Ion:188 Resp: 925780

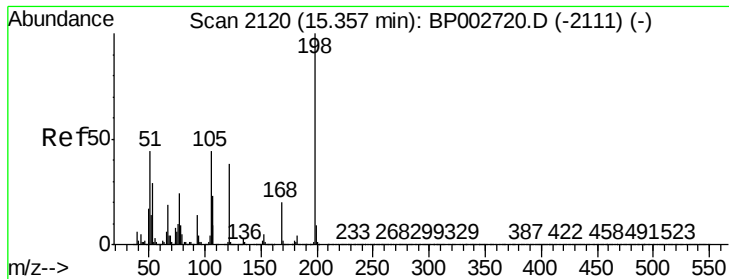
Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

80 11.0 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 5.272 ng

RT: 15.35 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

Instrument :

BNA_P

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NB-08-071720

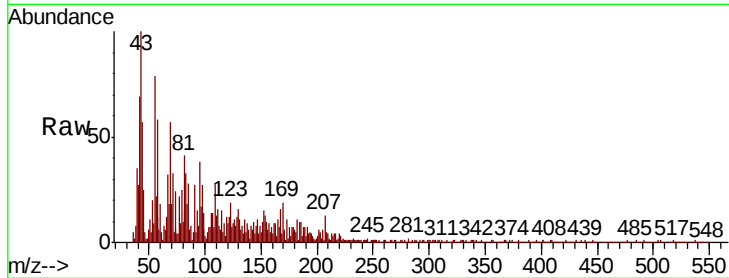
Tot Ion:198 Resp: 32

Ion Ratio Lower Upper

198 100

51 1066.7 27.1 67.1#

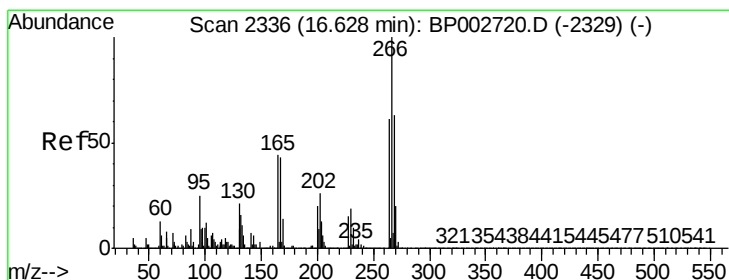
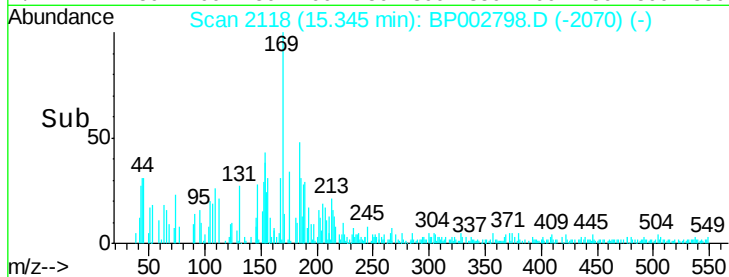
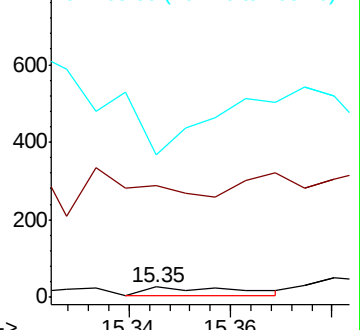
105 1363.0 24.9 64.9#



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: 7.445 ng

RT: 16.59 min Scan# 2329

Delta R.T. -0.05 min

Lab File: BP002798.D

Acq: 20 Jul 2020 13:47

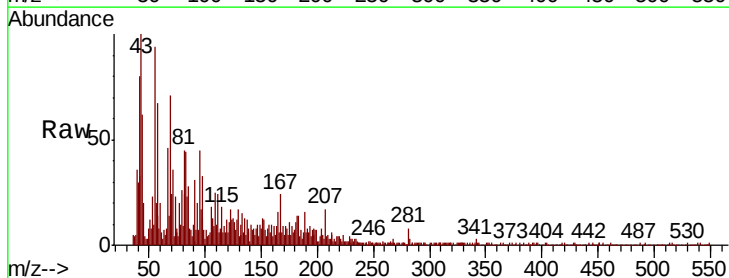
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 62.9 50.6 75.8

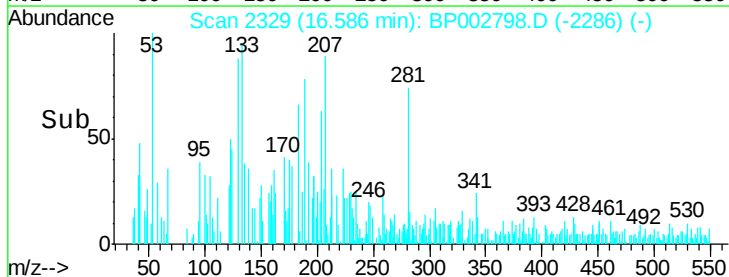
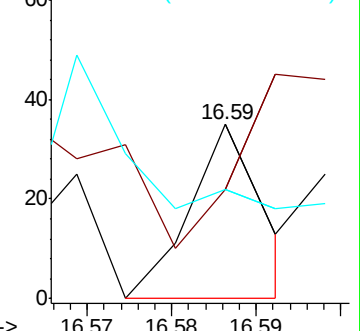
264 62.9 48.6 72.8

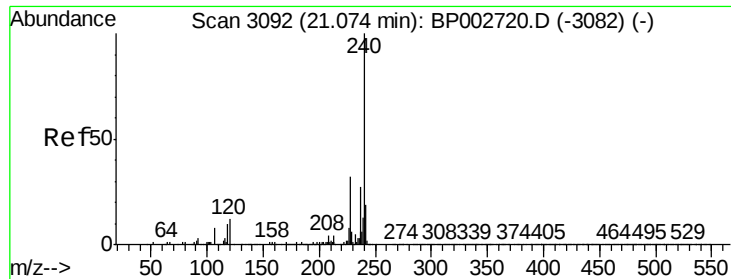


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

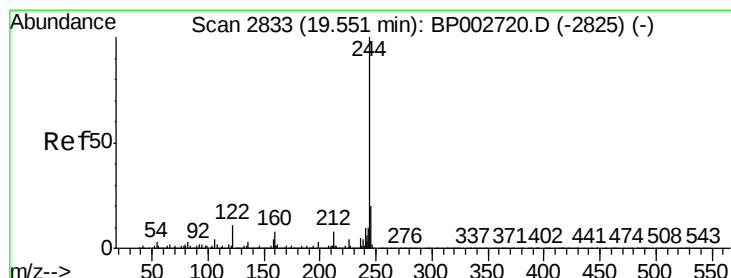
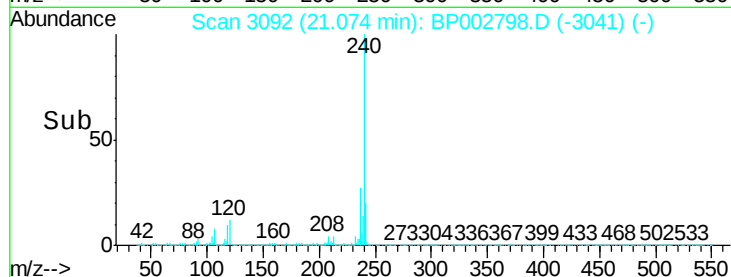
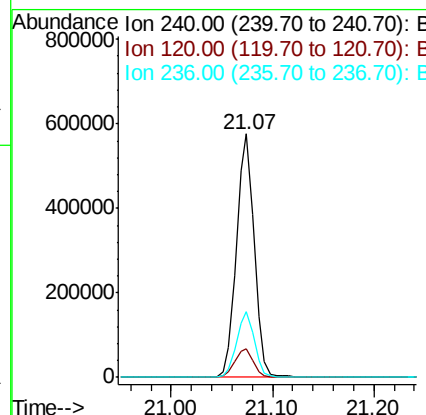
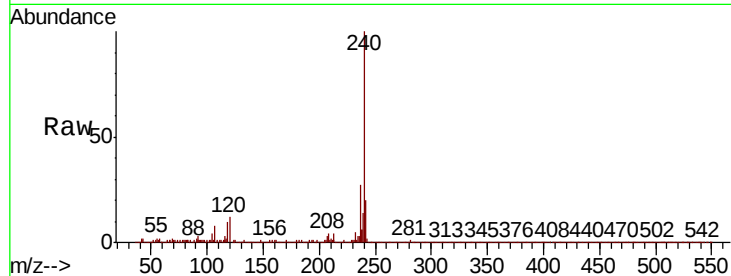




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002798.D
Acq: 20 Jul 2020 13:47

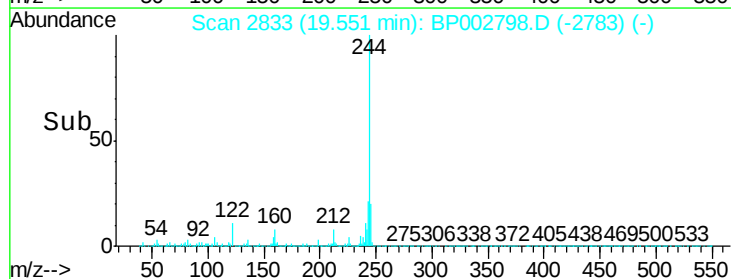
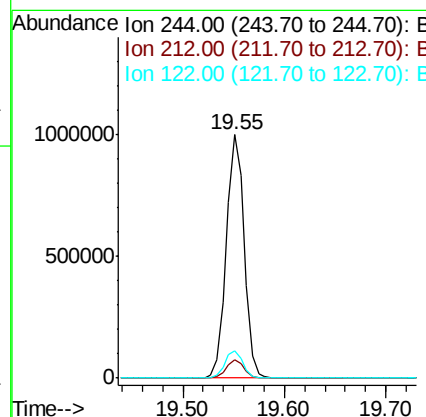
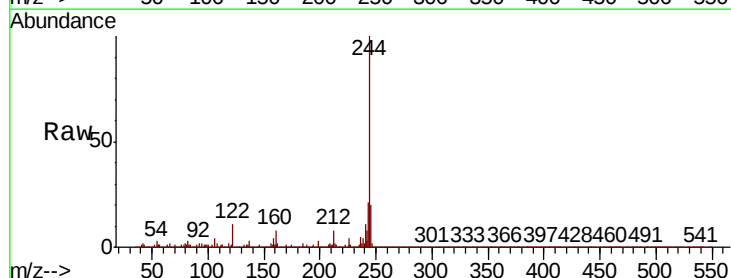
Instrument :
BNA_P
ClientSampleId :
NB-08-071720

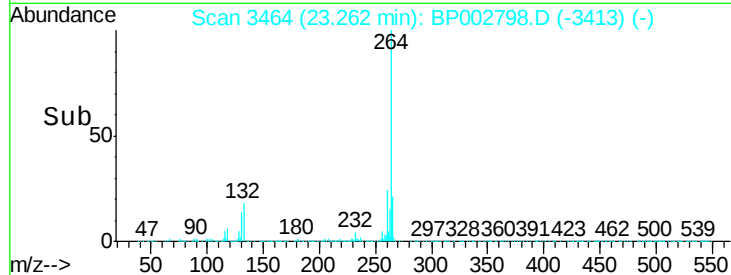
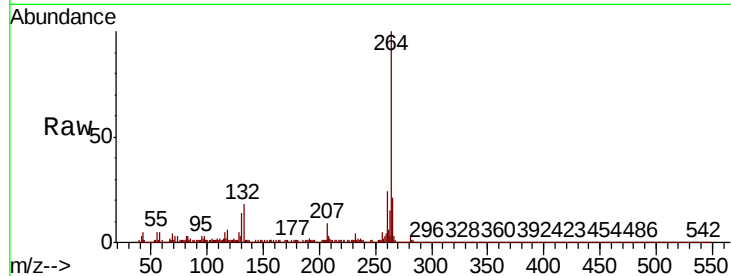
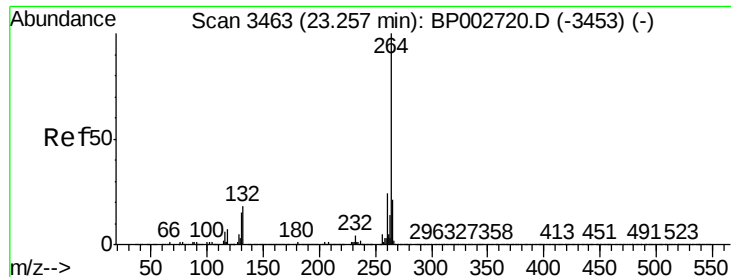
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	27.2	21.3	31.9



#79
Terphenyl-d14
Concen: 40.140 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002798.D
Acq: 20 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.3	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: BP002798.D
Acq: 20 Jul 2020 13:47

Instrument :
BNA_P
ClientSampleId :
NB-08-071720

Tot Ion:	264	Resp:	571965
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.5	16.8	25.2

