

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002759.D
 Acq On : 15 Jul 2020 17:55
 Operator : CG/JU
 Sample : L3187-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-071420

Quant Time: Jul 15 18:25:11 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

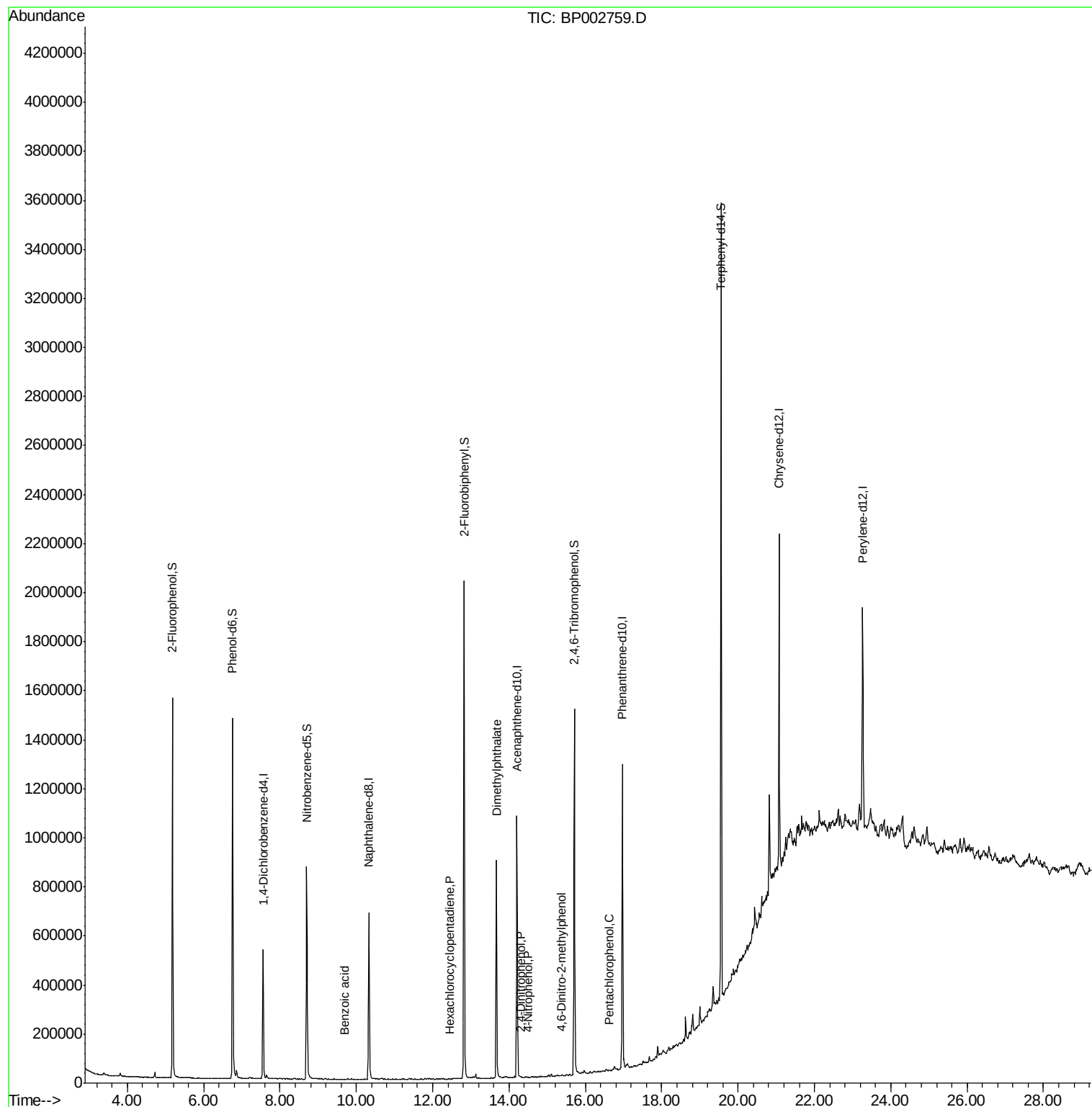
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	143021	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	566316	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	352227	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	773047	20.00	ng	0.00
76) Chrysene-d12	21.07	240	636658	20.00	ng	0.00
86) Perylene-d12	23.26	264	626077	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	672839	79.37	ng	0.00
7) Phenol-d6	6.76	99	902502	74.60	ng	0.00
23) Nitrobenzene-d5	8.70	82	525370	49.62	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	270948	73.69	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1113343	48.90	ng	0.00
79) Terphenyl-d14	19.56	244	1367239	49.24	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	9	7.063	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.45	237	21	7.438	ng	83
50) Dimethylphthalate	13.67	163	583836	21.734	ng	100
54) 2,4-Dinitrophenol	14.32	184	29	11.382	ng	# 1
56) 4-Nitrophenol	14.49	139	24	4.976	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	21	5.271	ng	# 1
70) Pentachlorophenol	16.63	266	47	7.451	ng	# 60

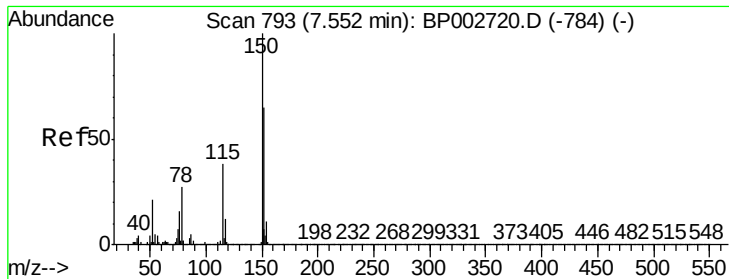
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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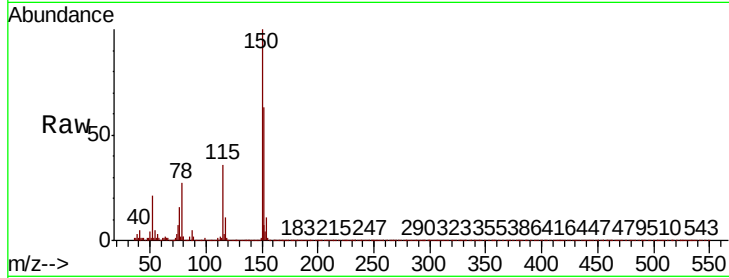


#1

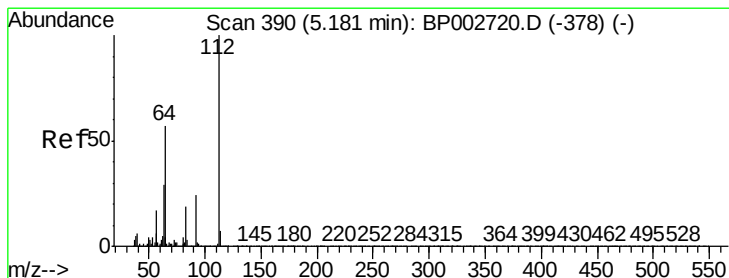
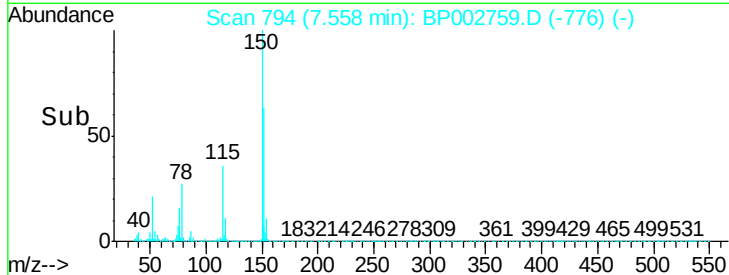
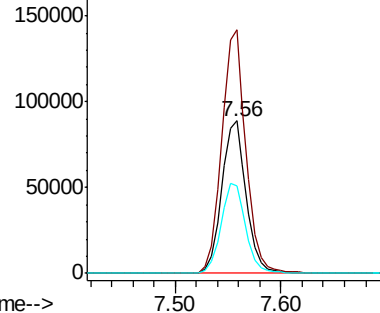
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Instrument :
BNA_P
ClientSampleId :
SU-03-071420

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.7	185.5
115	57.2	47.2	70.8



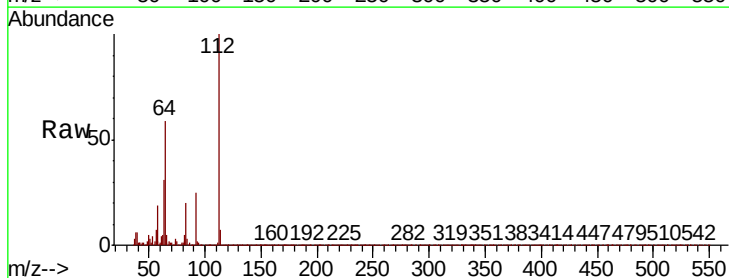
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



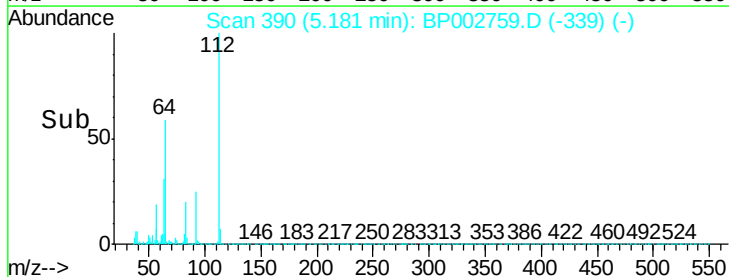
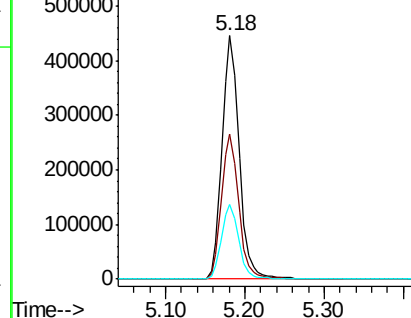
#5

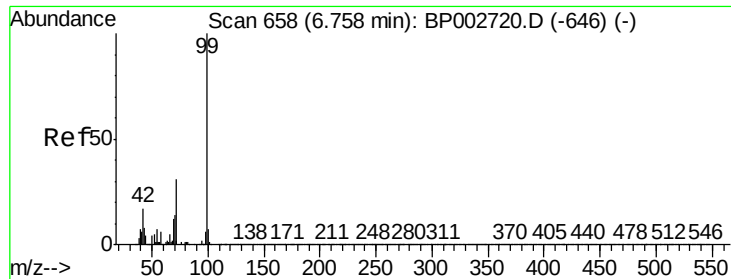
2-Fluorophenol
Concen: 79.373 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	45.6	68.4
63	30.8	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 74.600 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002759.D

Acq: 15 Jul 2020 17:55

Instrument :

BNA_P

ClientSampleId :

SU-03-071420

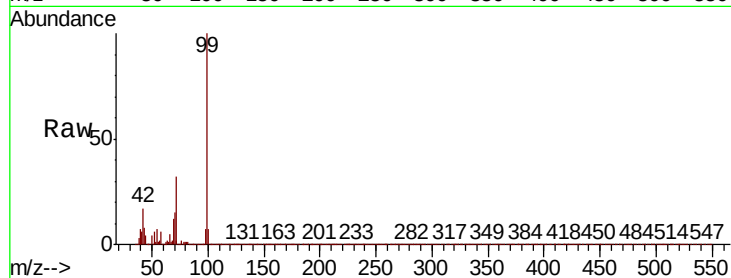
Tot Ion: 99 Resp: 902502

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

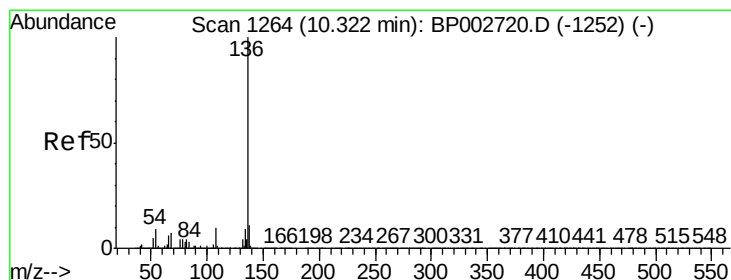
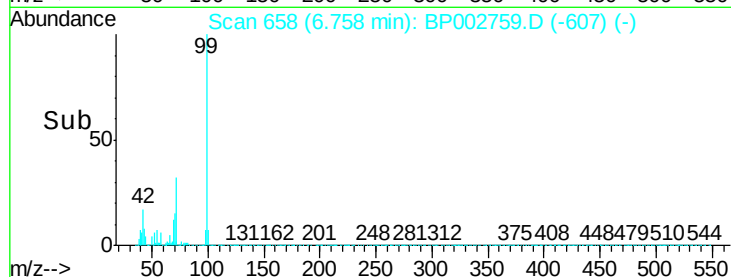
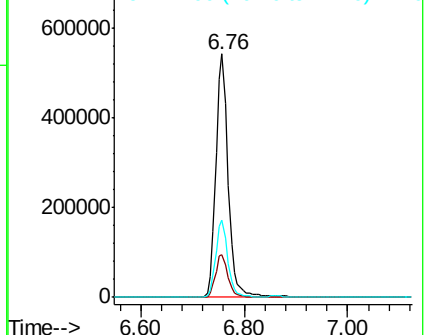
71 31.8 24.6 36.8



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: BP002759.D

Acq: 15 Jul 2020 17:55

Tgt Ion: 136 Resp: 566316

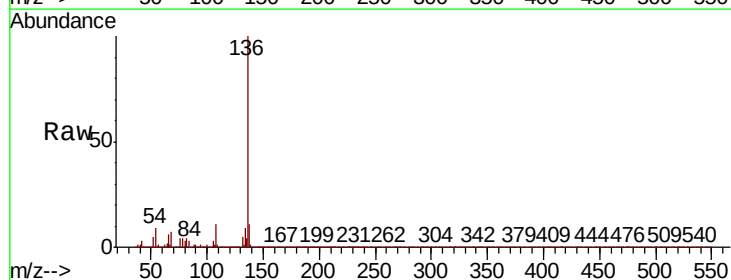
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.6 6.9 10.3

68 7.4 5.7 8.5

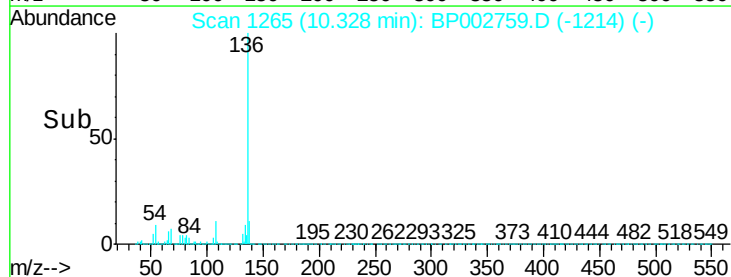
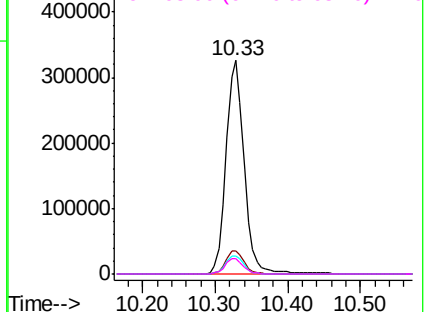


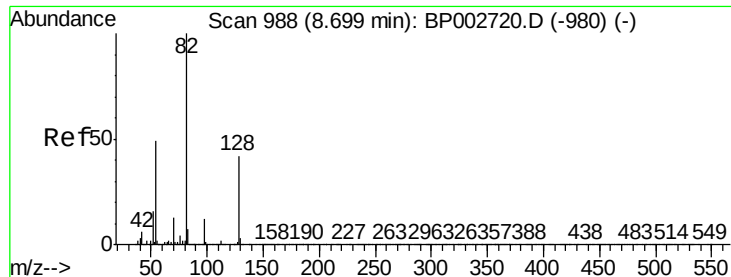
Abundance Ion 136.00 (135.70 to 136.70): E

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

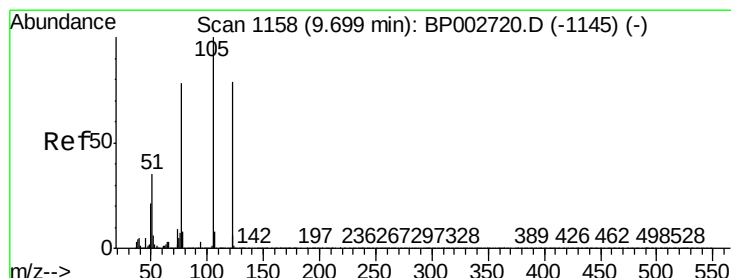
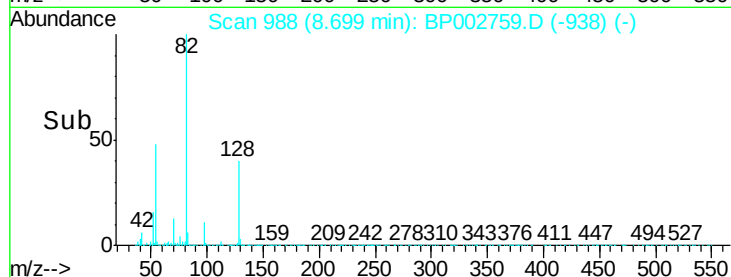
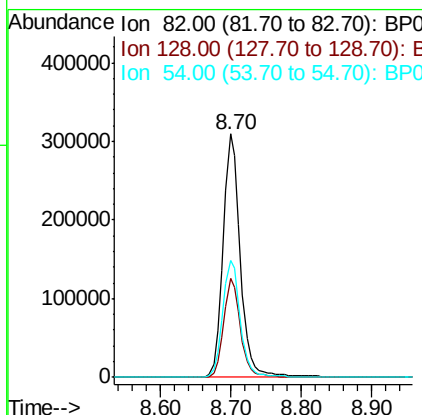
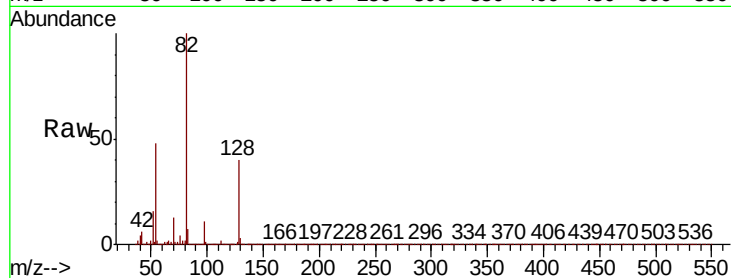




#23
Nitrobenzene-d5
Concen: 49.617 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

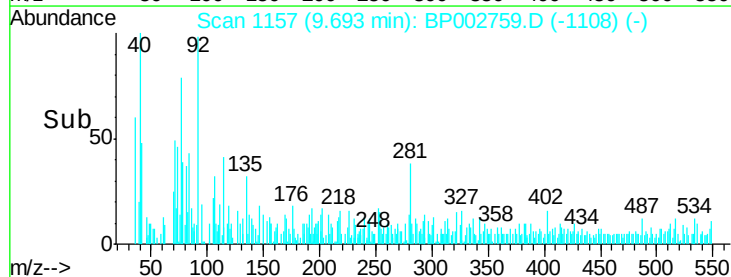
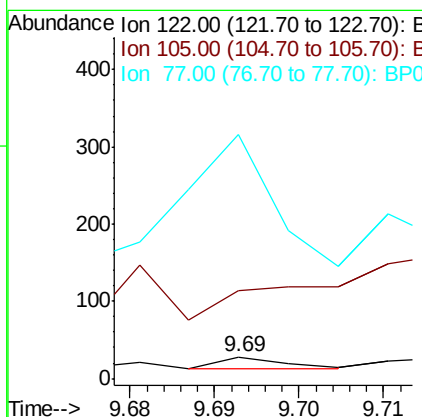
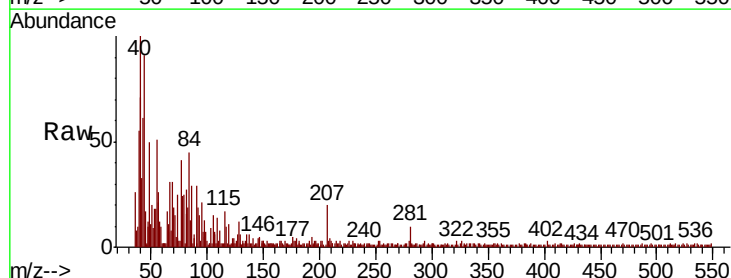
Instrument :
BNA_P
ClientSampleId :
SU-03-071420

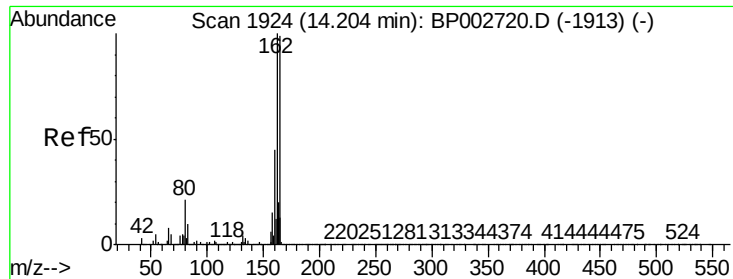
Tot Ion	82	Resp	525370
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.8	50.8
54	48.1	38.8	58.2



#32
Benzoic acid
Concen: 7.063 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Tgt Ion	122	Resp	9
Ion Ratio	Lower	Upper	
122	100		
105	407.1	105.4	145.4#
77	1128.6	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP002759.D

Acq: 15 Jul 2020 17:55

Instrument :

BNA_P

ClientSampleId :

SU-03-071420

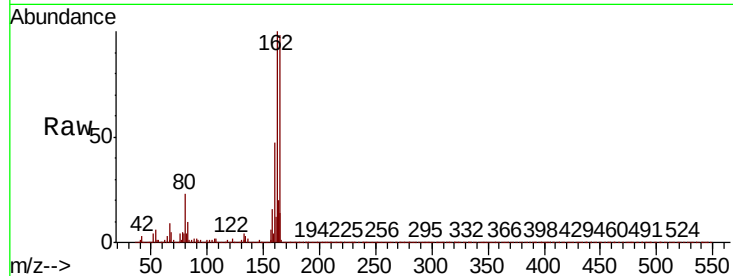
Tot Ion:164 Resp: 352227

Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

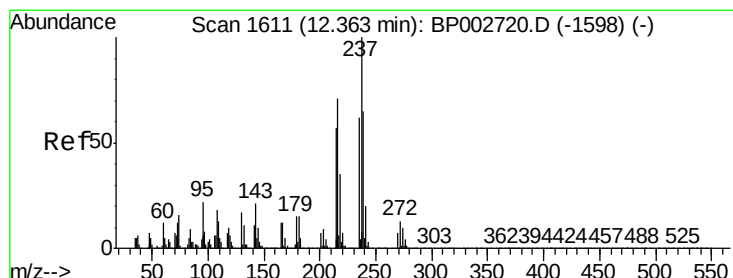
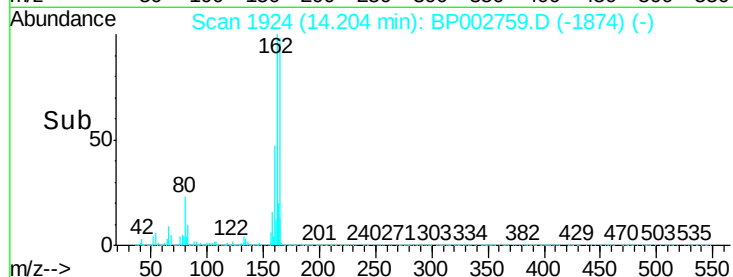
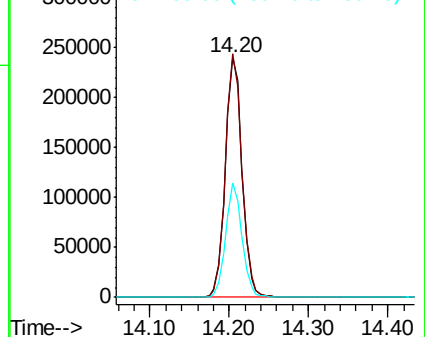
160 47.9 36.4 54.6



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: 7.438 ng

RT: 12.45 min Scan# 1625

Delta R.T. 0.08 min

Lab File: BP002759.D

Acq: 15 Jul 2020 17:55

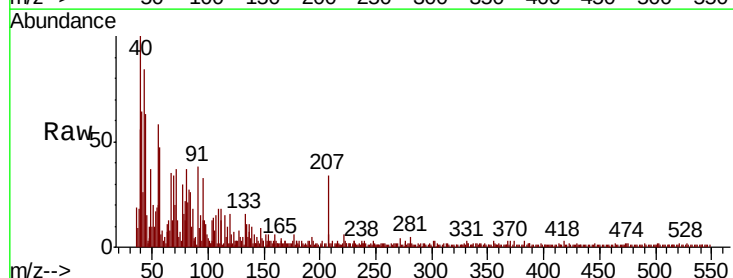
Tgt Ion:237 Resp: 21

Ion Ratio Lower Upper

237 100

235 72.7 42.3 82.3

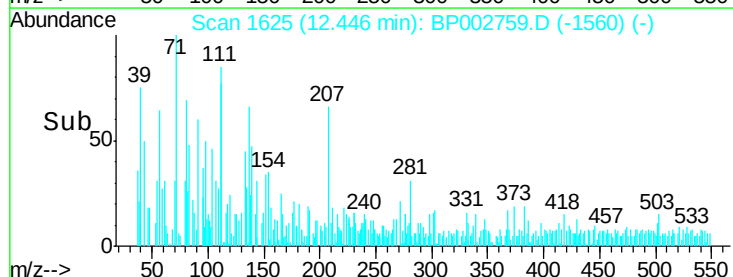
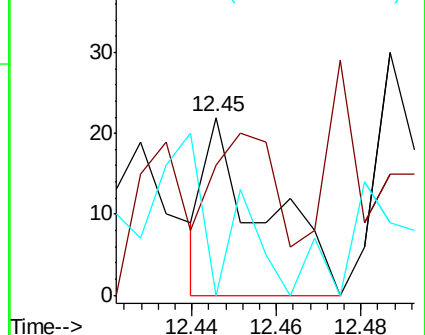
272 0.0 0.0 32.5

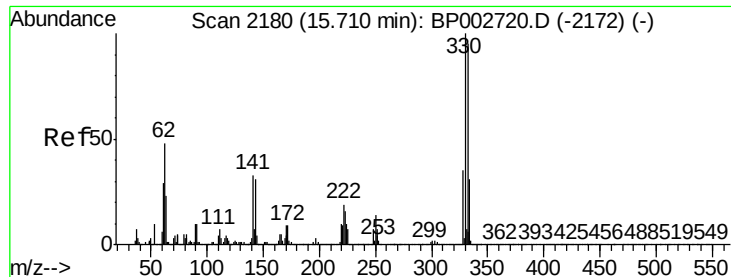


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

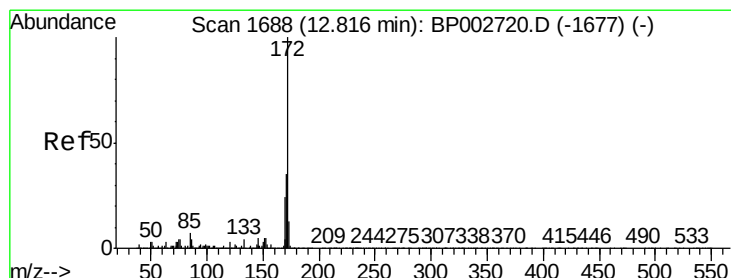
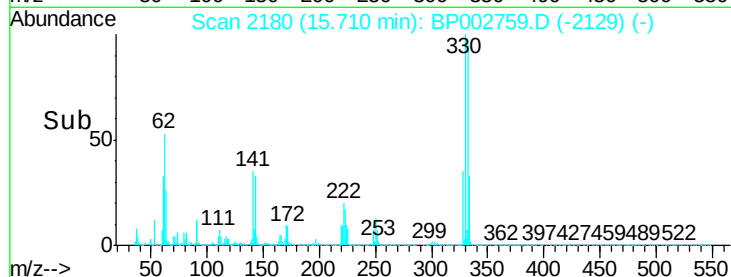
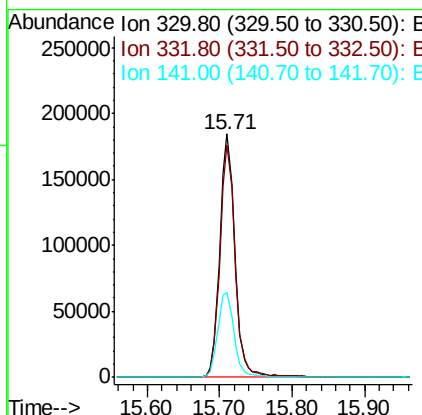
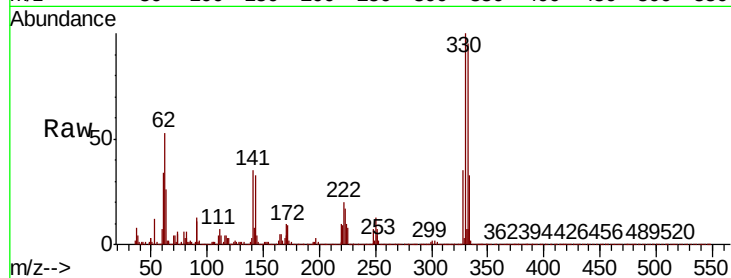




#42
2,4,6-Tribromophenol
Concen: 73.693 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

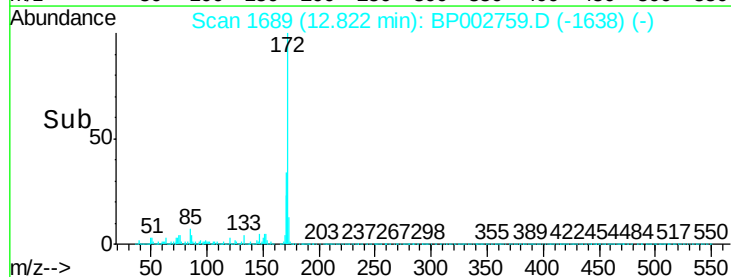
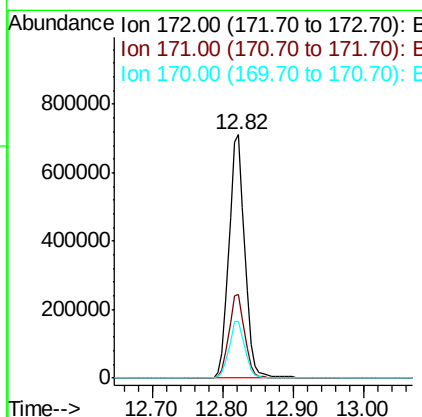
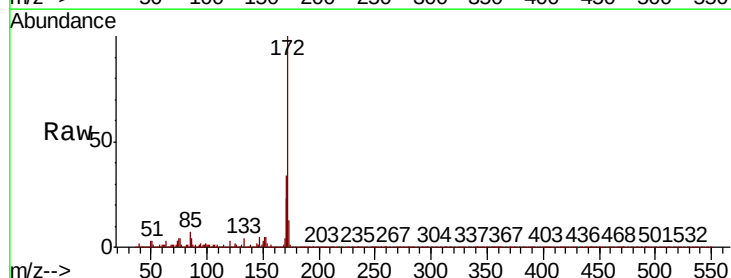
Instrument :
BNA_P
ClientSampleId :
SU-03-071420

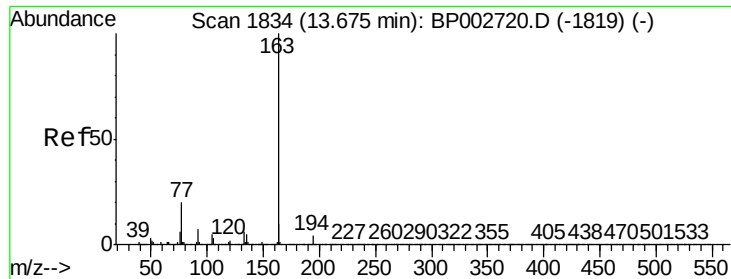
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	36.9	28.8	43.2



#45
2-Fluorobiphenyl
Concen: 48.898 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	23.1	19.3	28.9





#50

Dimethylphthalate

Concen: 21.734 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002759.D

Acq: 15 Jul 2020 17:55

Instrument :

BNA_P

ClientSampleId :

SU-03-071420

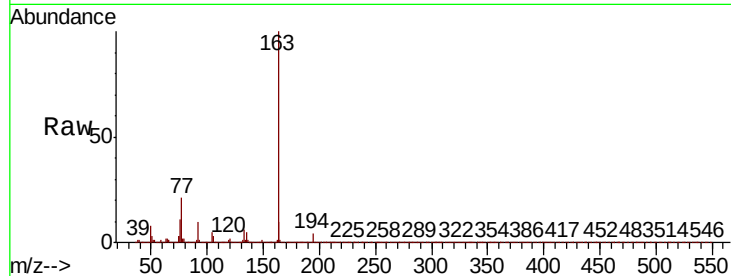
Tot Ion:163 Resp: 583836

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

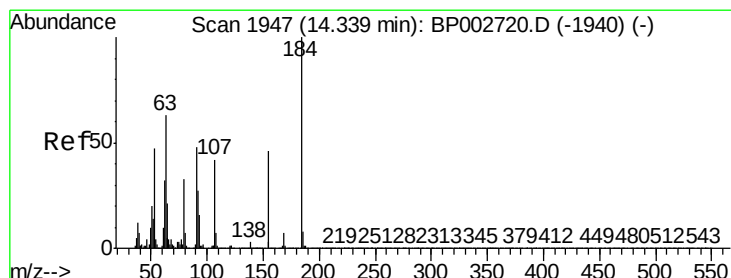
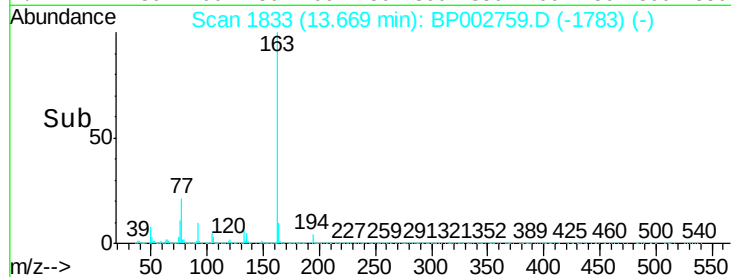
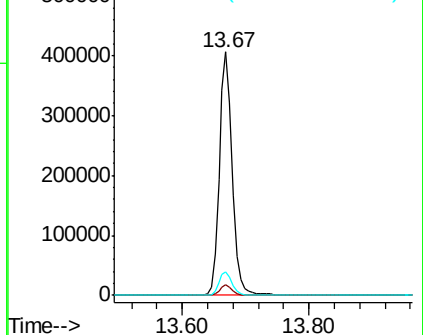
164 9.8 7.8 11.8



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: 11.382 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.02 min

Lab File: BP002759.D

Acq: 15 Jul 2020 17:55

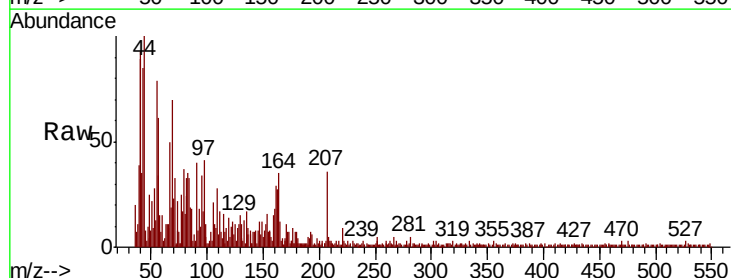
Tgt Ion:184 Resp: 29

Ion Ratio Lower Upper

184 100

63 384.6 51.6 77.4#

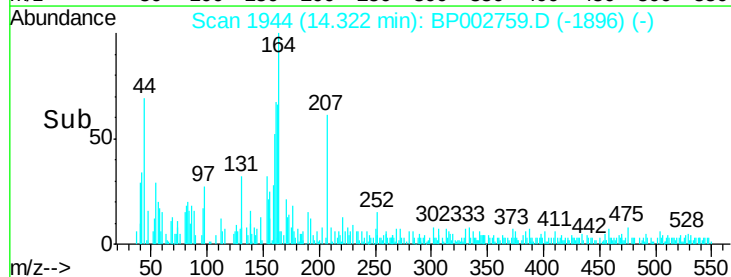
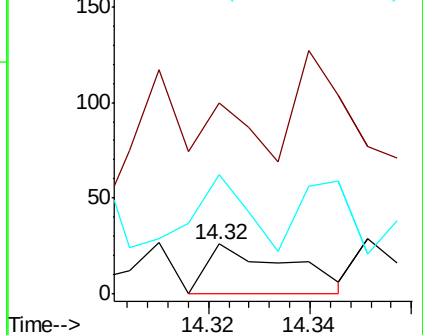
154 238.5 45.0 67.6#

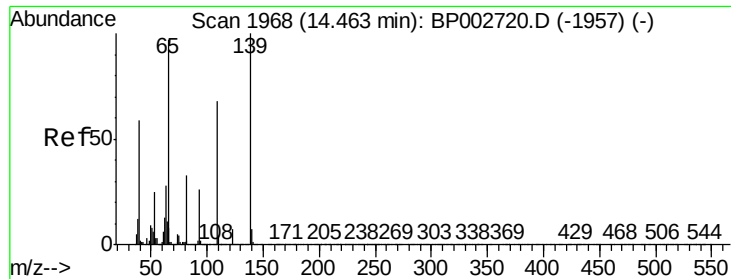


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

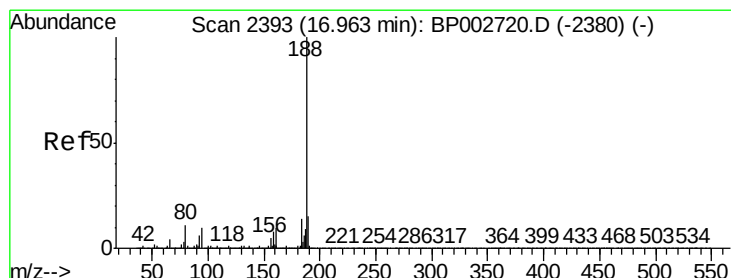
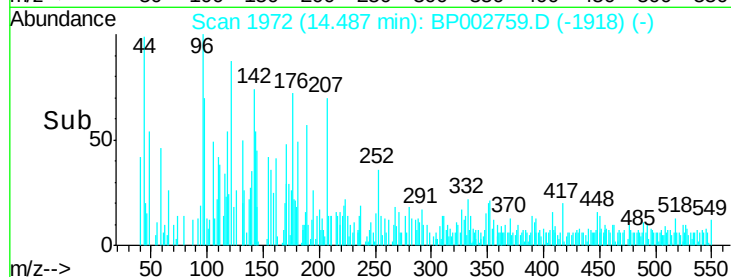
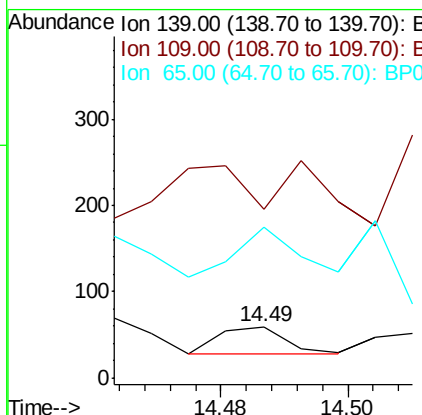
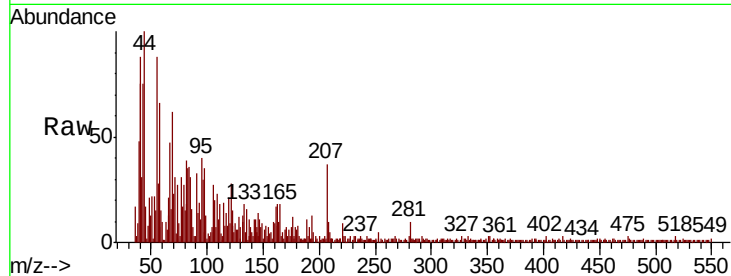




#56
4-Nitrophenol
Concen: 4.976 ng
RT: 14.49 min Scan# 1972
Delta R.T. 0.02 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

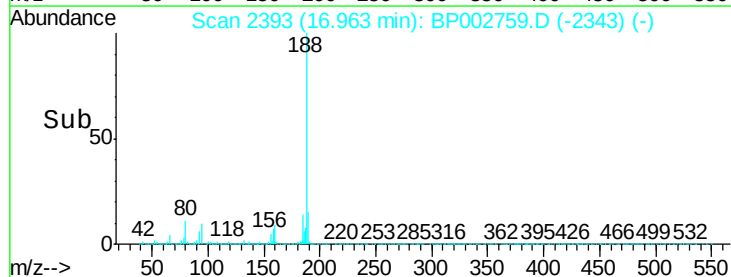
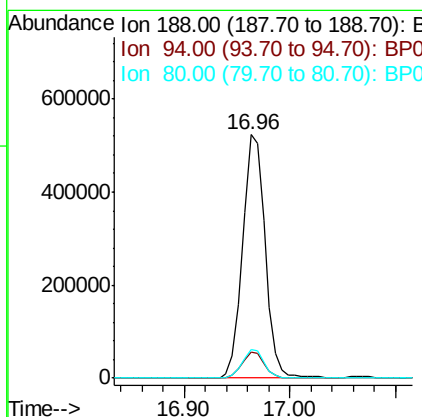
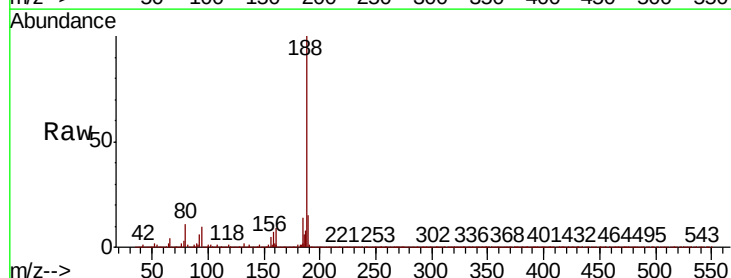
Instrument :
BNA_P
ClientSampleId :
SU-03-071420

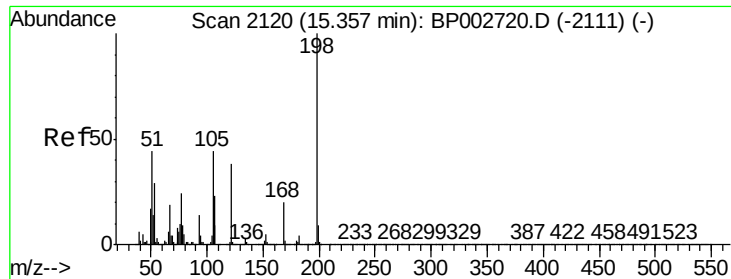
Tot Ion:139 Resp: 24
Ion Ratio Lower Upper
139 100
109 332.2 48.1 88.1#
65 296.6 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Tgt Ion:188 Resp: 773047
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.5 8.9 13.3

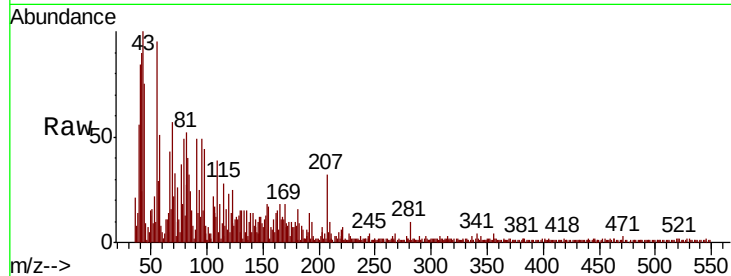




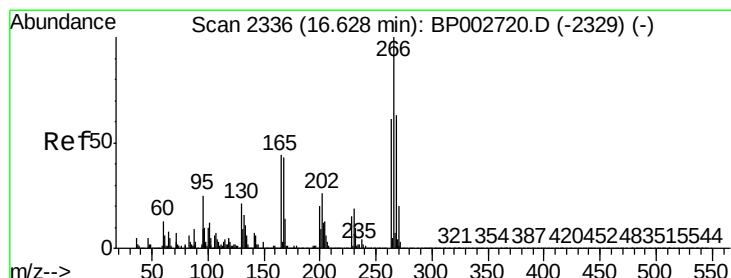
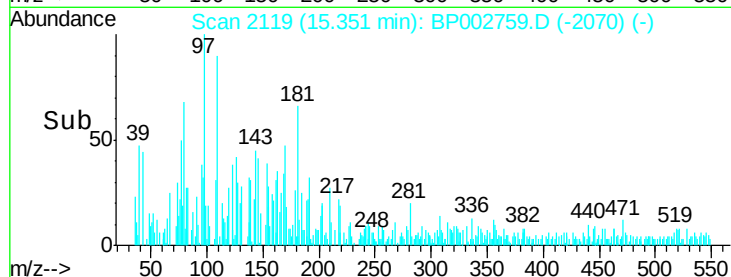
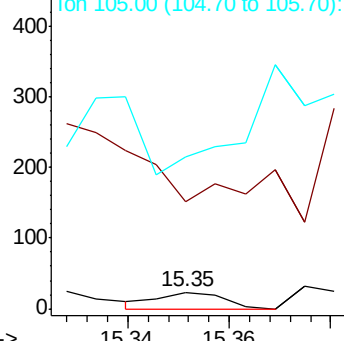
#65
4,6-Dinitro-2-methylphenol
Concen: 5.271 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Instrument :
BNA_P
ClientSampleId :
SU-03-071420

Tot Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
51 660.9 27.1 67.1#
105 939.1 24.9 64.9#

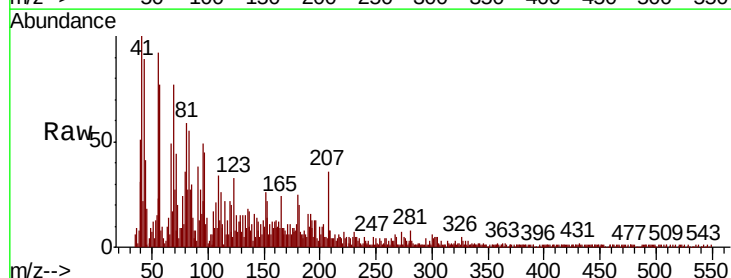


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

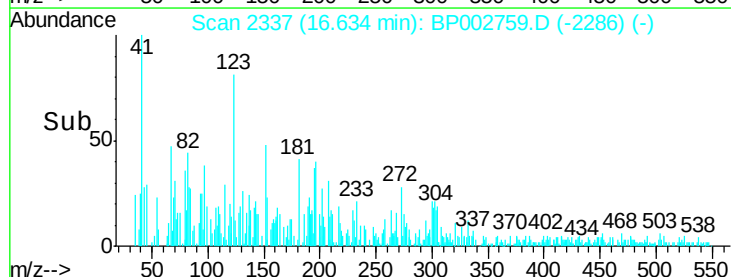
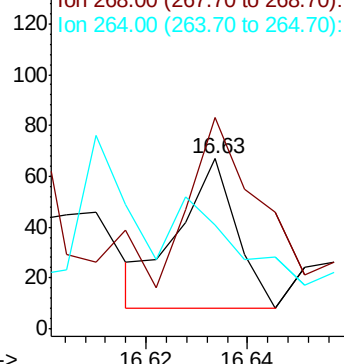


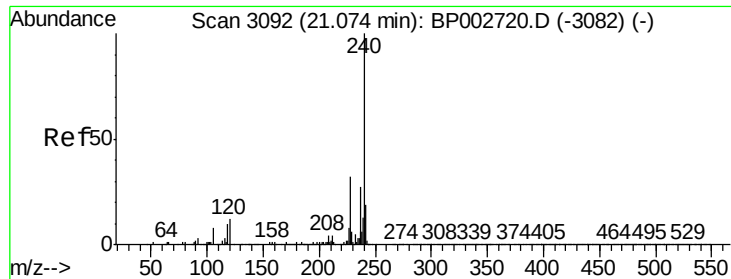
#70
Pentachlorophenol
Concen: 7.451 ng
RT: 16.63 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
268 123.9 50.6 75.8#
264 61.2 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

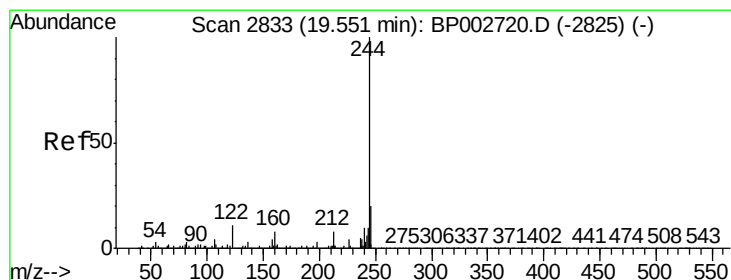
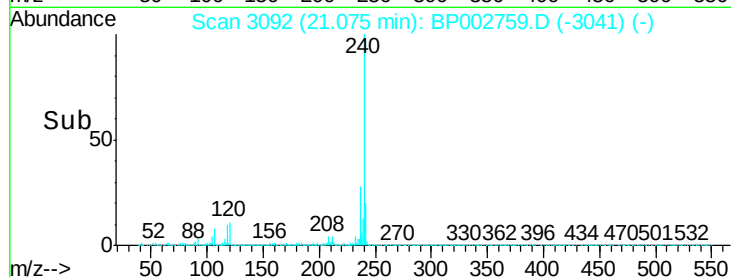
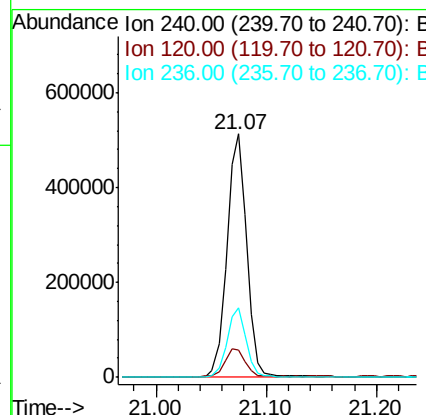
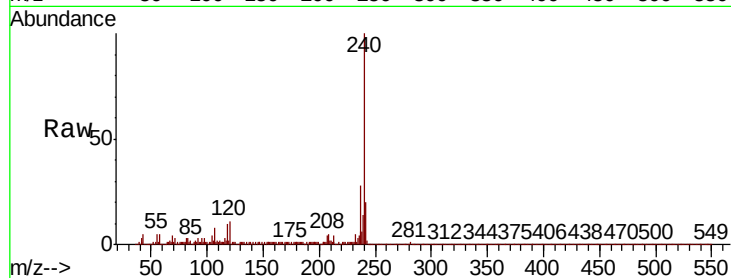




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

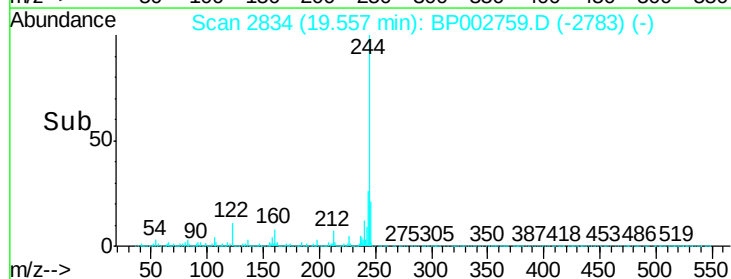
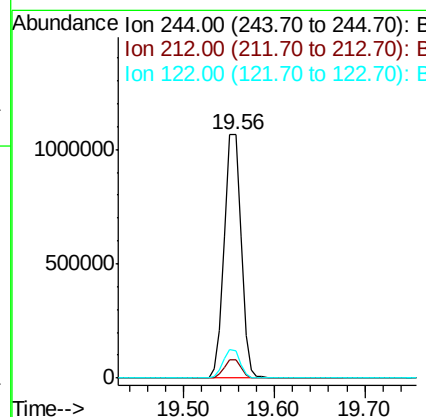
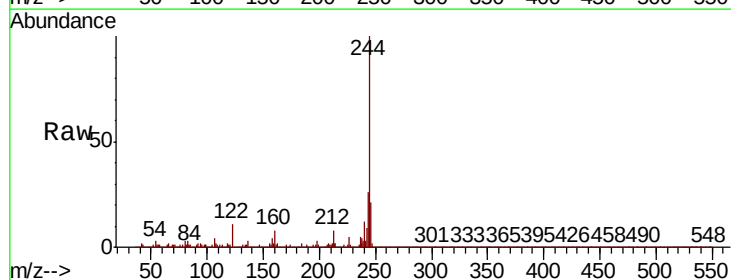
Instrument :
BNA_P
ClientSampleId :
SU-03-071420

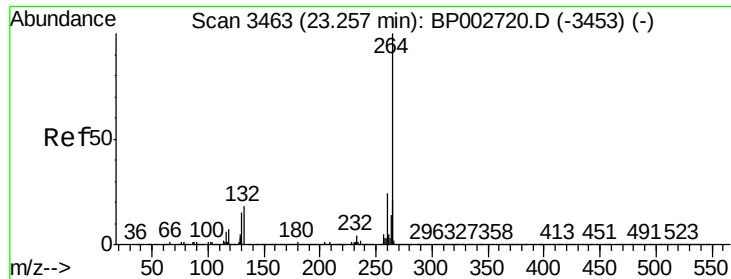
Tot Ion:240 Resp: 636658
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 28.5 21.3 31.9



#79
Terphenyl-d14
Concen: 49.237 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Tgt Ion:244 Resp: 1367239
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.0 8.9 13.3

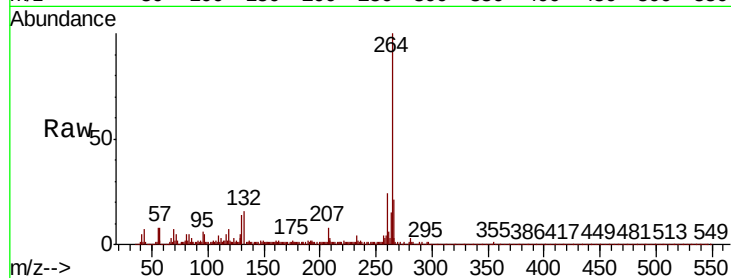




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002759.D
Acq: 15 Jul 2020 17:55

Instrument :
BNA_P
ClientSampleId :
SU-03-071420

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.2	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

