

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
 Data File : BP002793.D
 Acq On : 17 Jul 2020 15:44
 Operator : CG/JU
 Sample : L3323-02 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 17 16:16:02 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

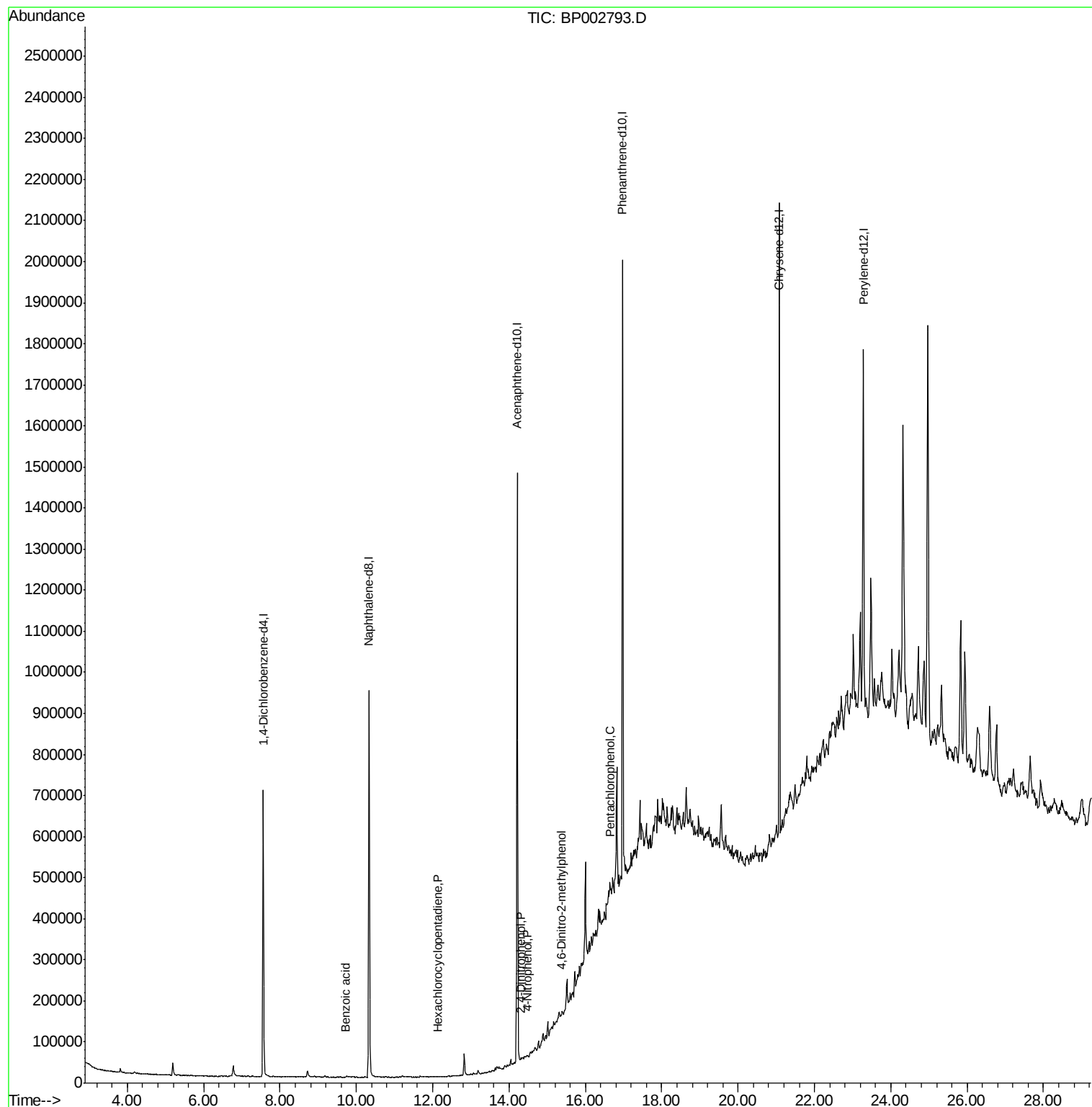
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	190851	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	807994	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	478897	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	938470	20.00	ng	0.00
76) Chrysene-d12	21.08	240	708252	20.00	ng	0.00
86) Perylene-d12	23.28	264	614576	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	15776	1.39	ng	0.01
7) Phenol-d6	6.78	99	21710	1.34	ng	0.02
23) Nitrobenzene-d5	8.72	82	13364	0.88	ng	0.01
42) 2,4,6-Tribromophenol	15.72	330	7215	1.44	ng	0.01
45) 2-Fluorobiphenyl	12.83	172	32821	1.06	ng	0.00
79) Terphenyl-d14	19.56	244	40393	1.31	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	62	7.068	ng	# 59
41) Hexachlorocyclopentadiene	12.12	237	41	7.440	ng	# 77
54) 2,4-Dinitrophenol	14.32	184	30	11.380	ng	# 1
56) 4-Nitrophenol	14.48	139	68	4.981	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	15	5.269	ng	# 1
70) Pentachlorophenol	16.65	266	171	7.471	ng	# 53

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

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BNA_P
ClientSampled :

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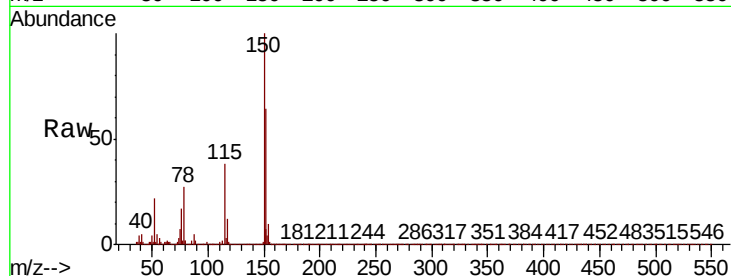


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.7	185.5
115	59.0	47.2	70.8

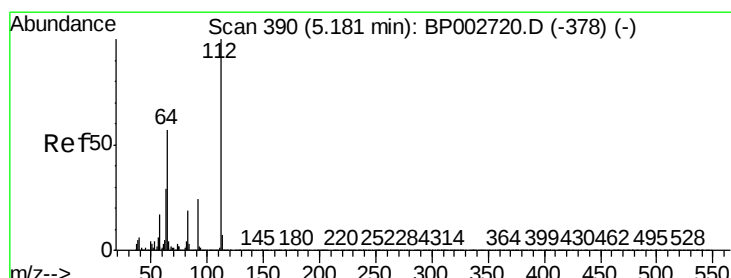
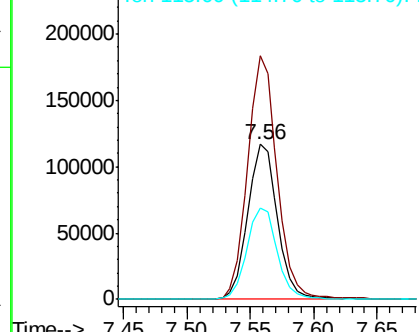
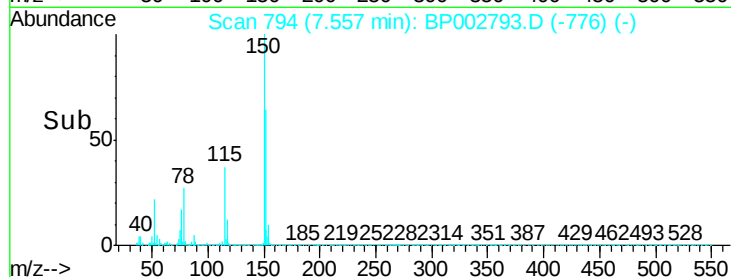


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

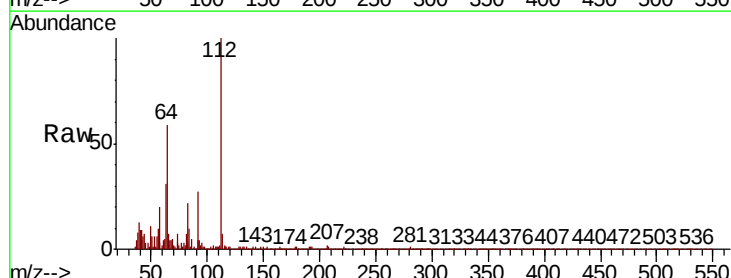
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.395 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.01 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.6	68.4
63	31.3	23.5	35.3

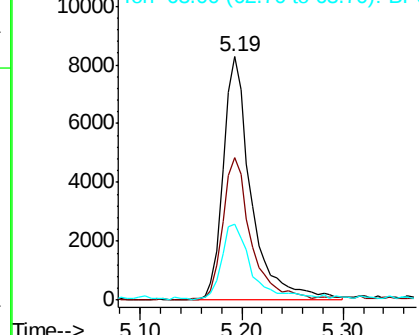
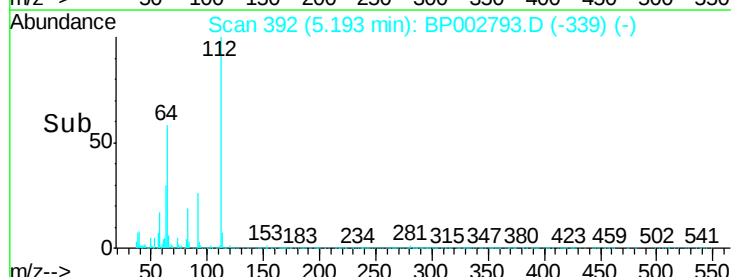


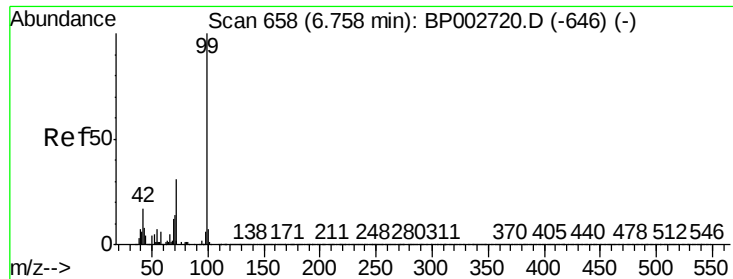
Abundance

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: 1.345 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.02 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

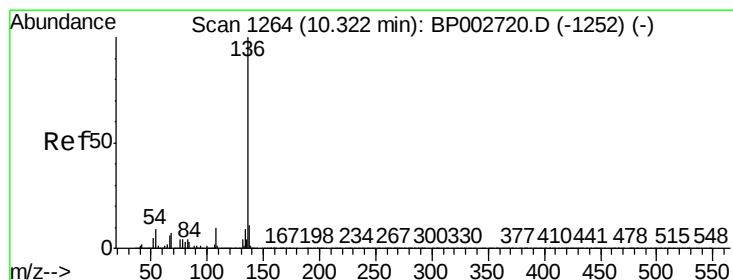
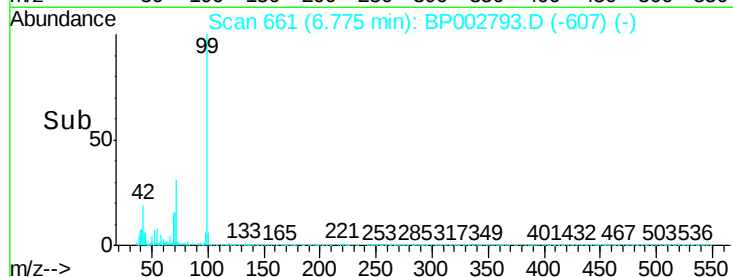
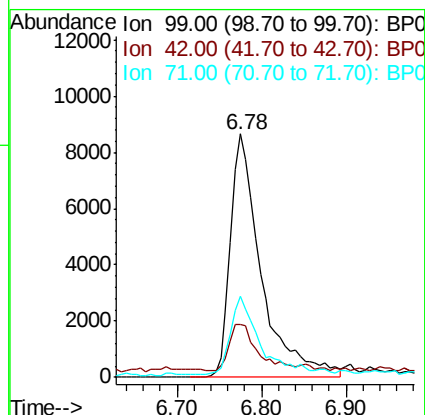
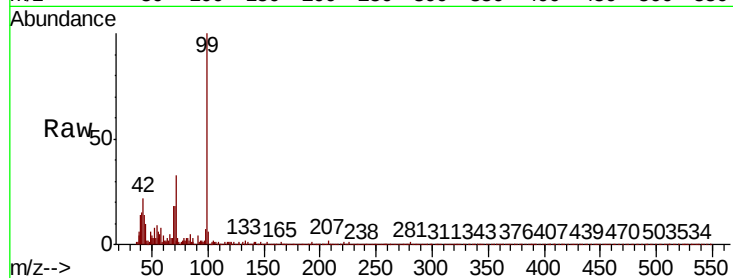
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 21710

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.4	20.2#
71	33.1	24.6	36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

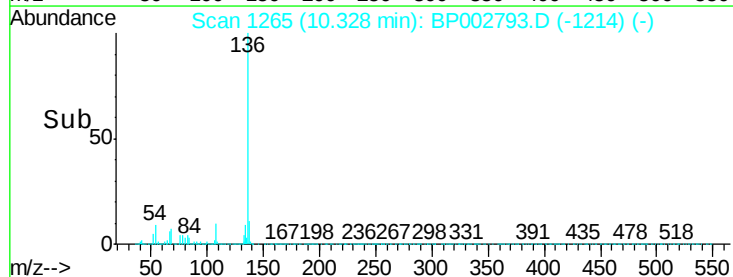
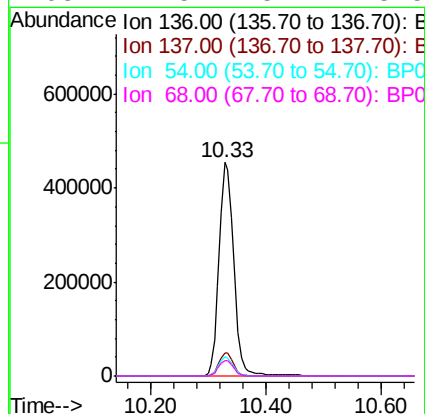
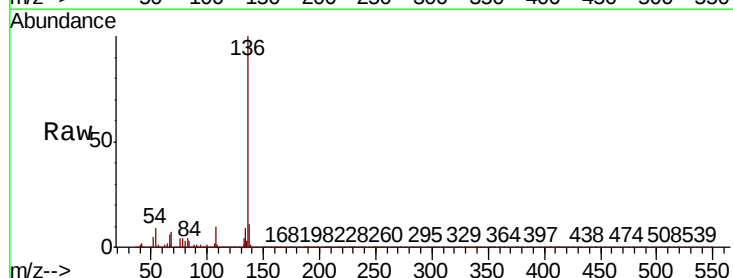
Delta R.T. 0.00 min

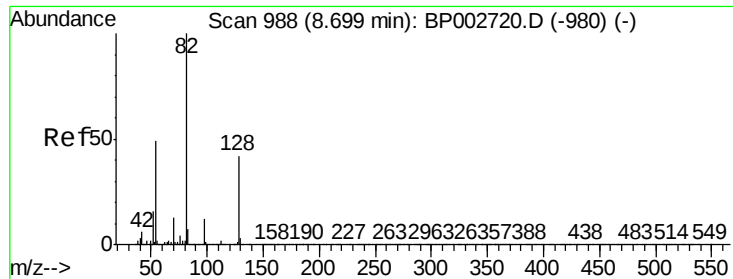
Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

Tgt Ion: 136 Resp: 807994

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	6.9	10.3
68	7.5	5.7	8.5

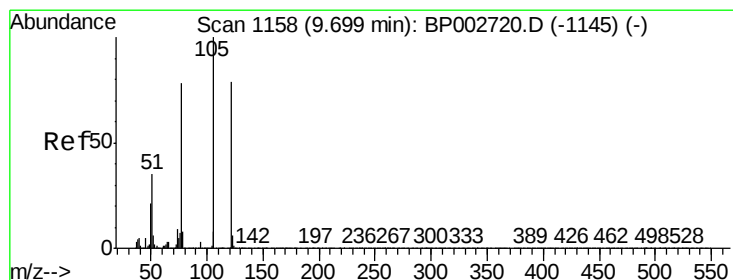
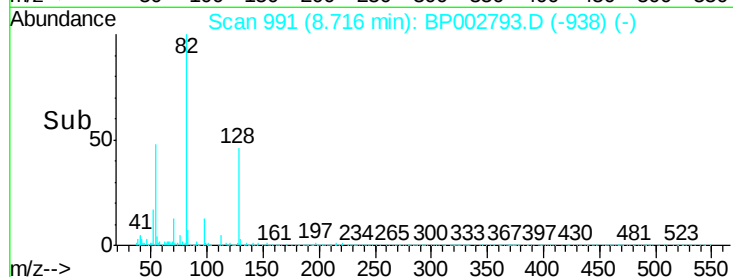
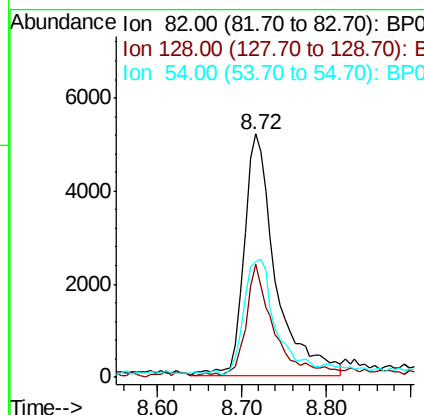
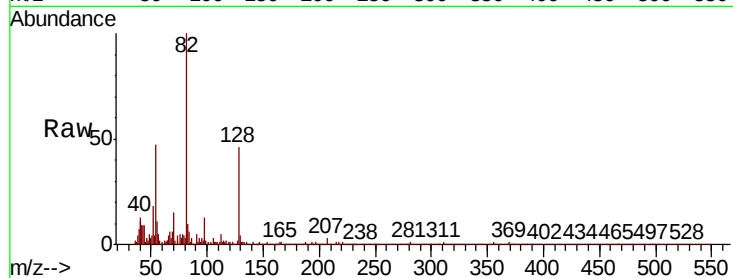




#23
Nitrobenzene-d5
Concen: 0.885 ng
RT: 8.72 min Scan# 991
Delta R.T. 0.01 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

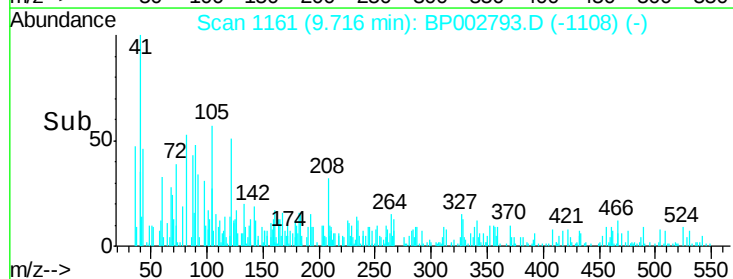
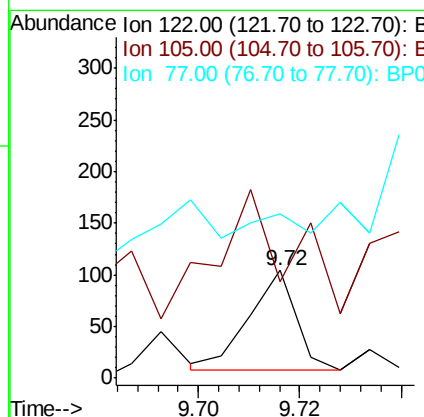
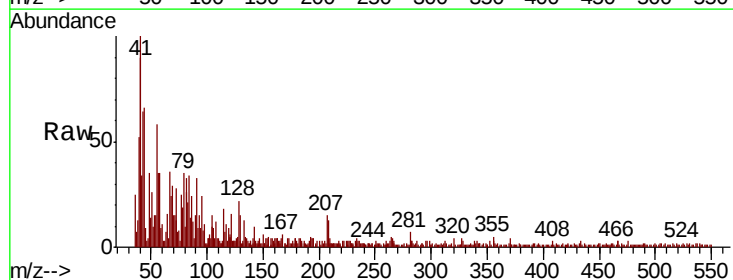
Instrument :
BNA_P
ClientSampleId :

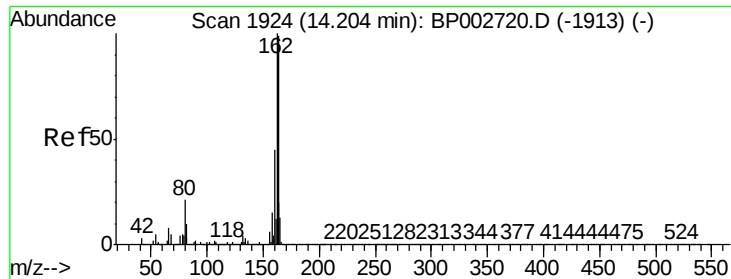
Tot Ion	82	Resp	13364
Ion Ratio	Lower	Upper	
82	100		
128	46.3	33.8	50.8
54	47.3	38.8	58.2



#32
Benzoic acid
Concen: 7.068 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

Tgt Ion	122	Resp	62
Ion Ratio	Lower	Upper	
122	100		
105	90.4	105.4	145.4#
77	152.9	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: BP002793.D

Acq: 17 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

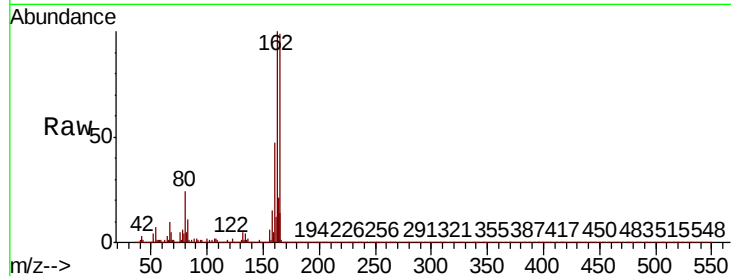
Tot Ion:164 Resp: 478897

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

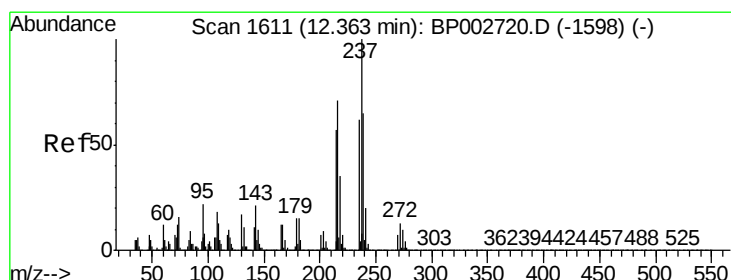
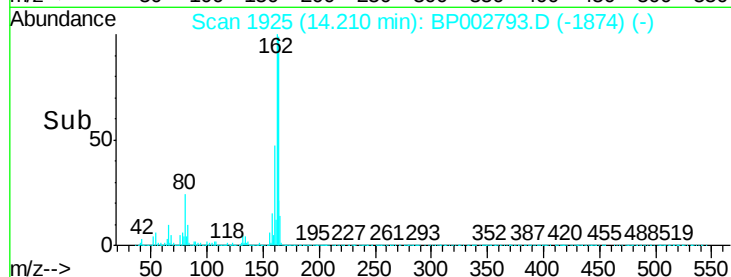
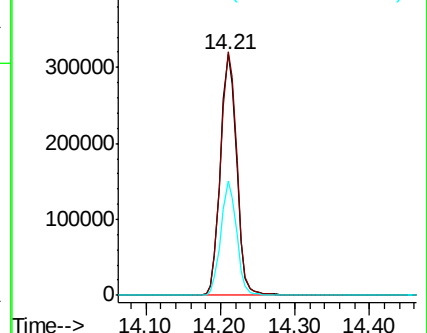
160 47.2 36.4 54.6



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: 7.440 ng

RT: 12.12 min Scan# 1570

Delta R.T. -0.24 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

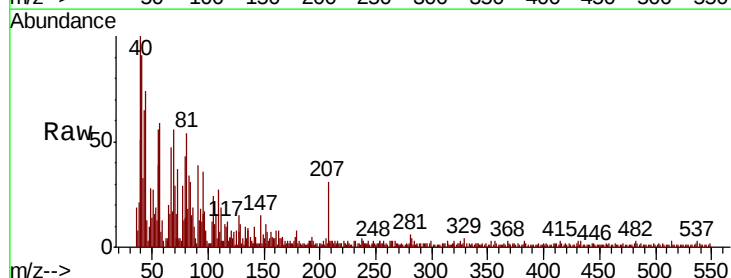
Tgt Ion:237 Resp: 41

Ion Ratio Lower Upper

237 100

235 46.7 42.3 82.3

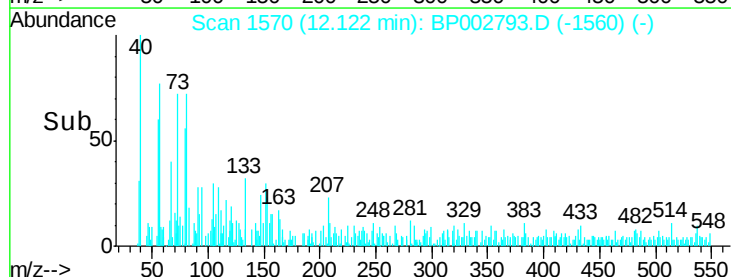
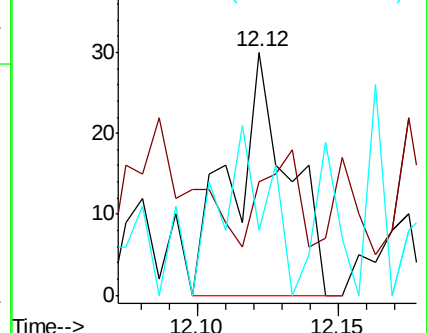
272 26.7 0.0 32.5

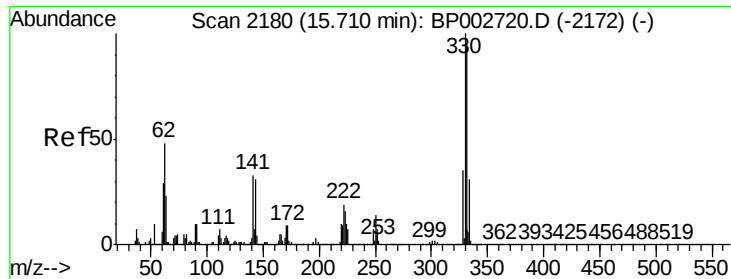


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

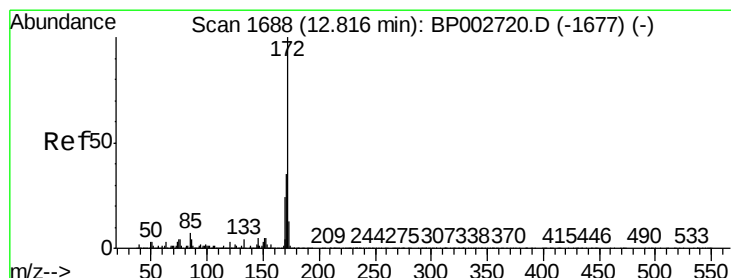
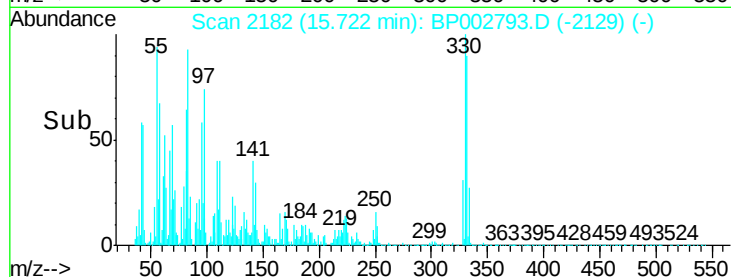
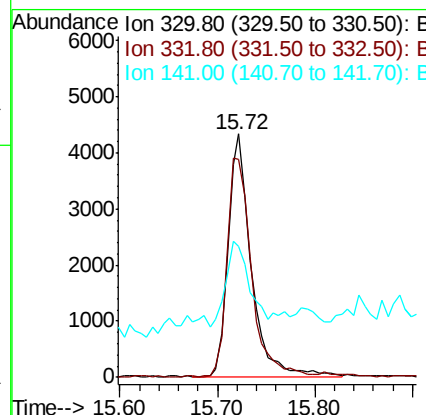
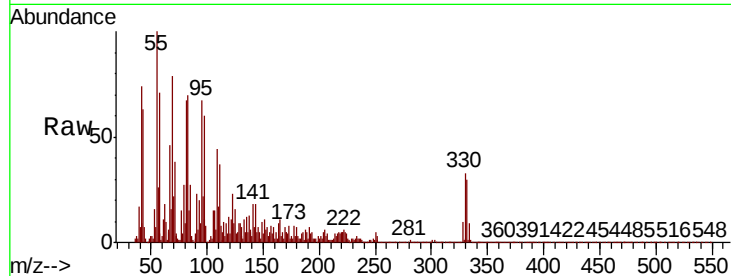




#42
 2,4,6-Tribromophenol
 Concen: 1.443 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. 0.01 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

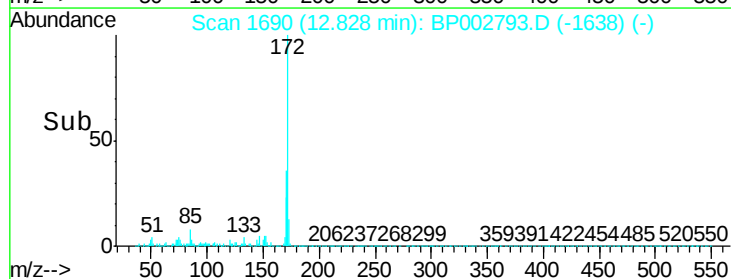
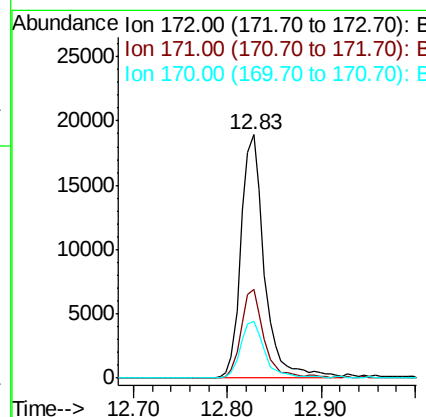
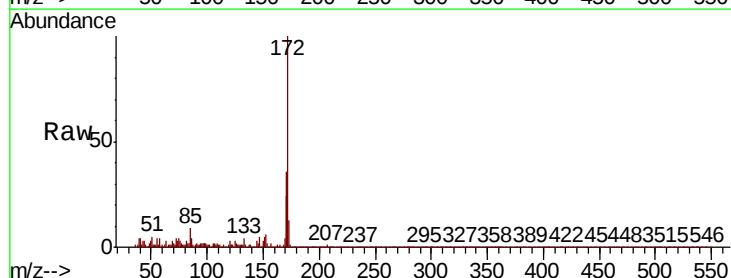
Instrument :
 BNA_P
 ClientSampleId :

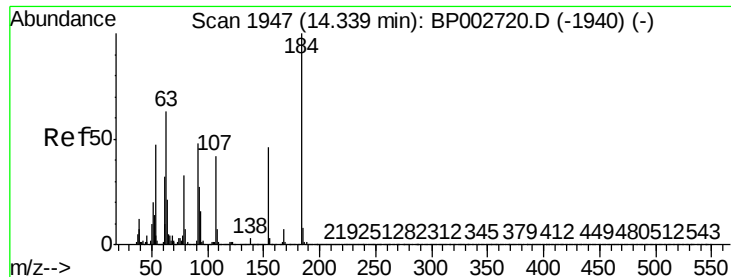
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.5	114.7
141	37.4	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 1.060 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.1	42.1
170	23.5	19.3	28.9

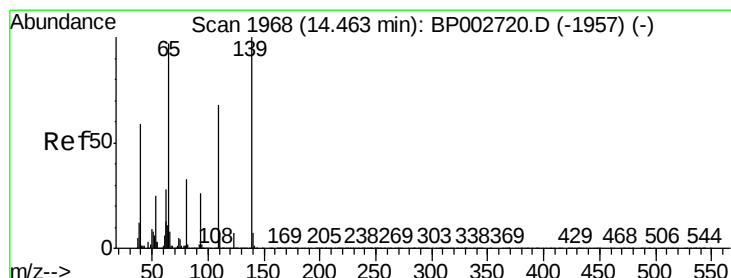
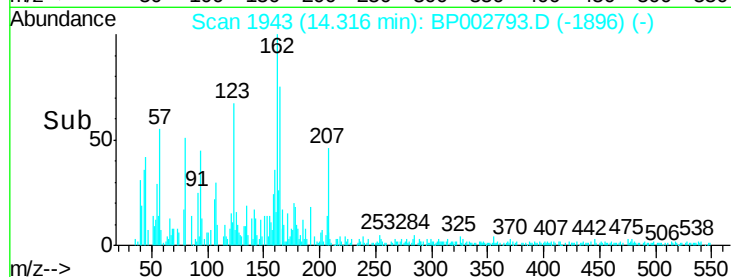
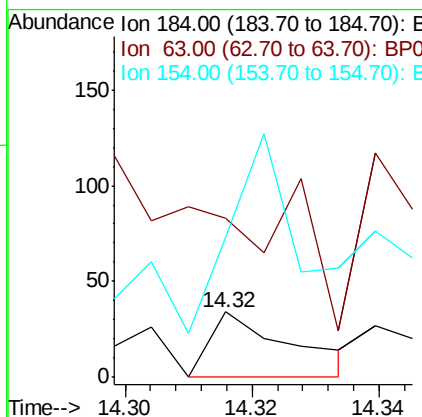
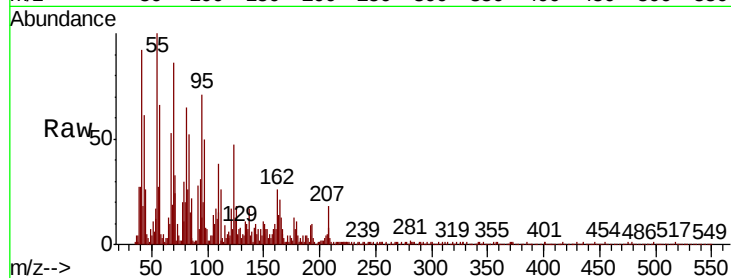




#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

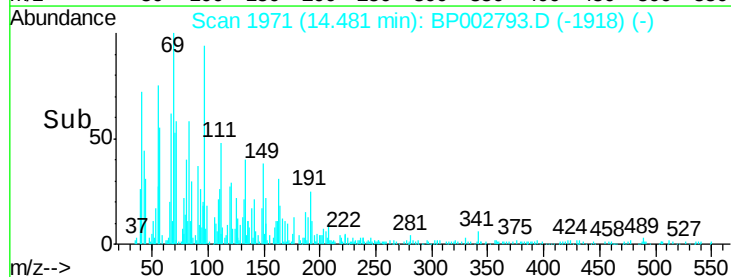
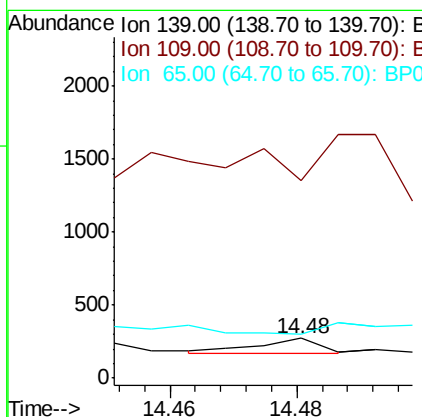
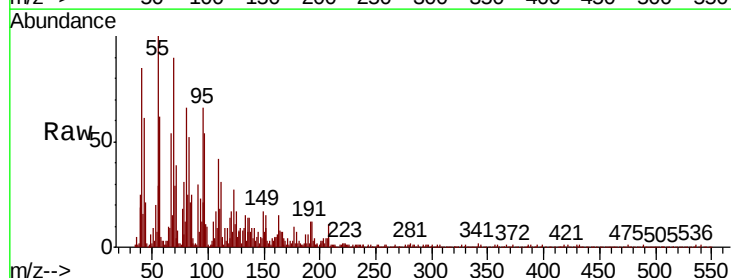
Instrument :
BNA_P
ClientSampleId :

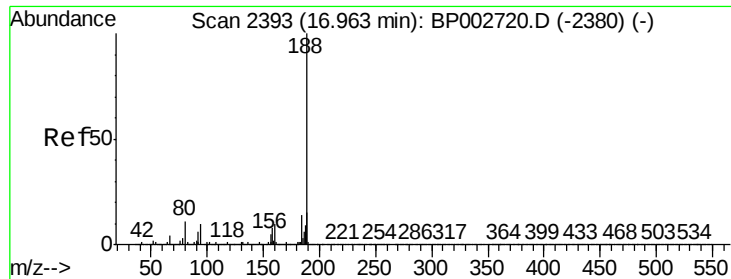
Tot Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 244.1 51.6 77.4#
154 214.7 45.0 67.6#



#56
4-Nitrophenol
Concen: 4.981 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 494.5 48.1 88.1#
65 111.7 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: BP002793.D

Acq: 17 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

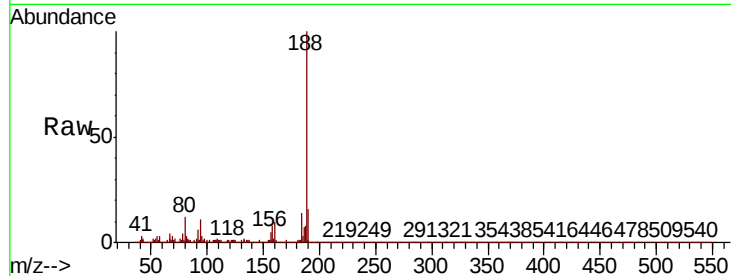
Tot Ion:188 Resp: 938470

Ion Ratio Lower Upper

188 100

94 11.1 8.1 12.1

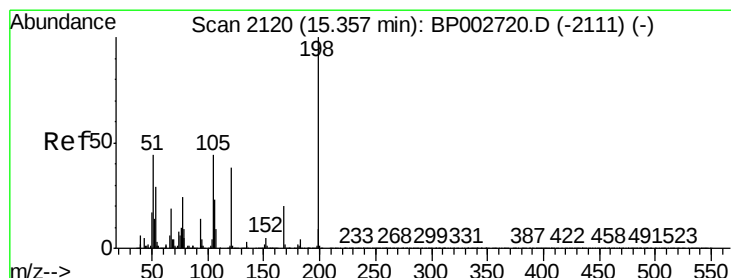
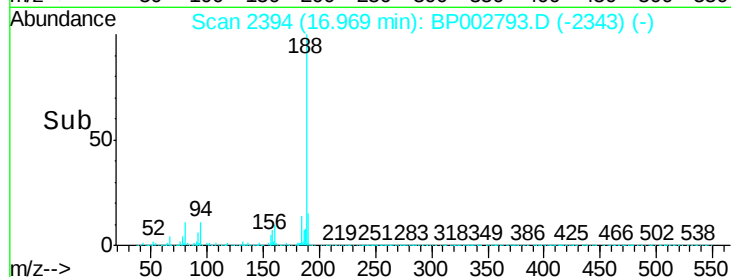
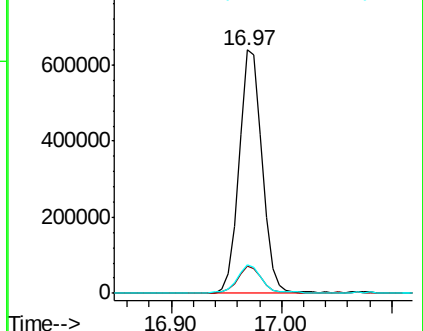
80 11.8 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.269 ng

RT: 15.37 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

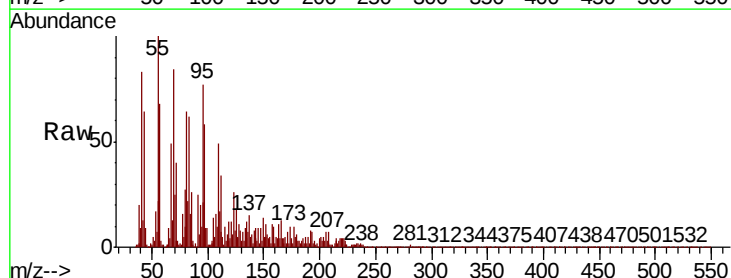
Tgt Ion:198 Resp: 15

Ion Ratio Lower Upper

198 100

51 796.0 27.1 67.1#

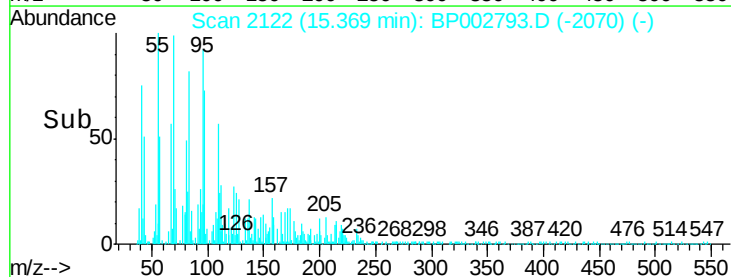
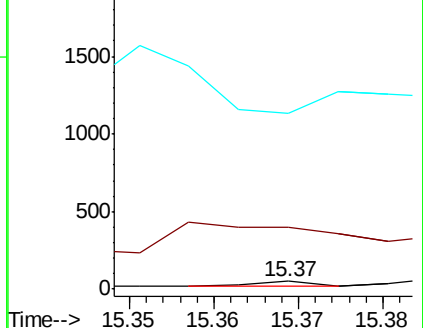
105 2264.0 24.9 64.9#

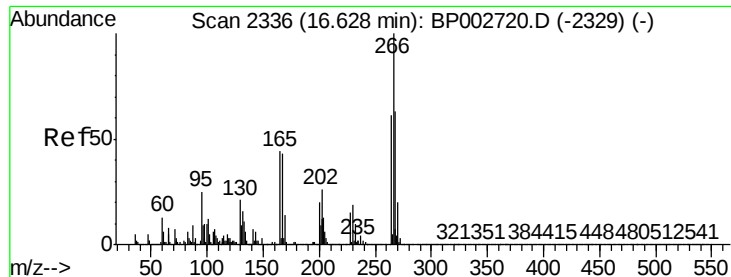


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

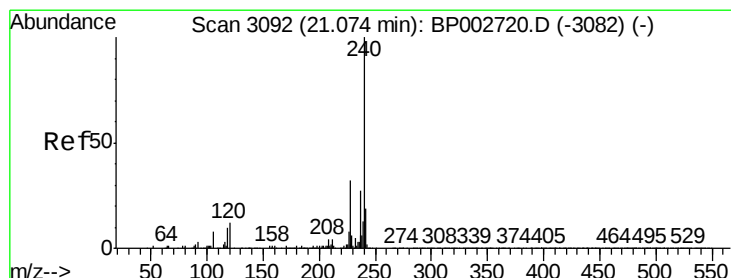
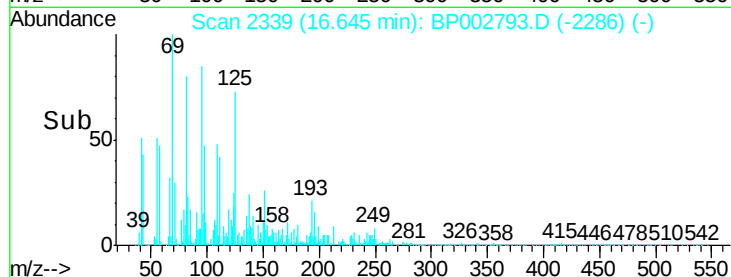
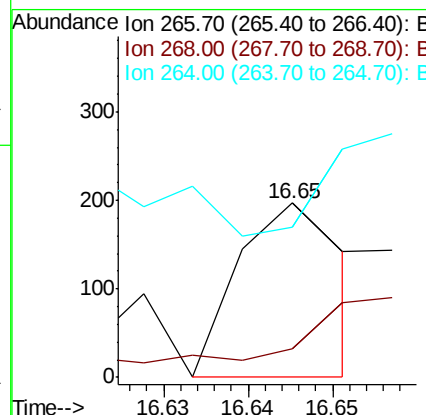
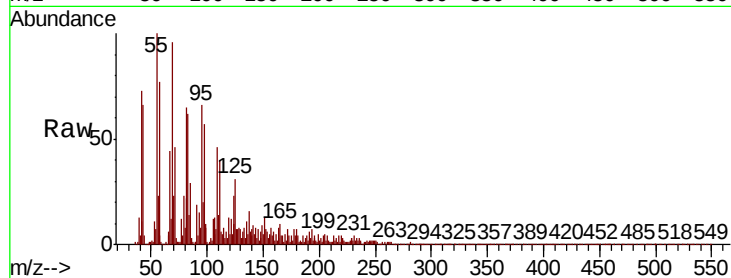




#70
 Pentachlorophenol
 Concen: 7.471 ng
 RT: 16.65 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

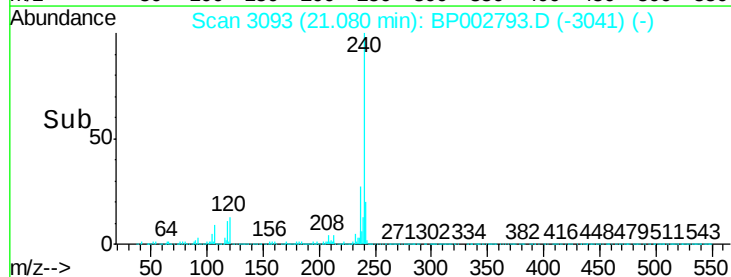
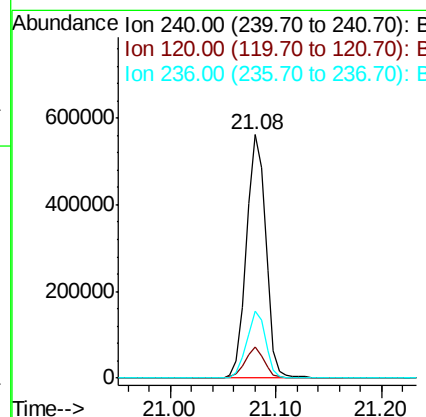
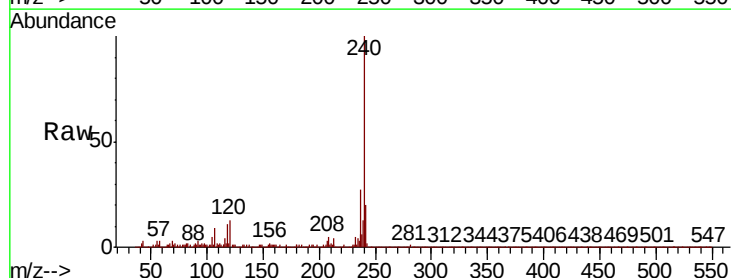
Instrument :
 BNA_P
 ClientSampled :

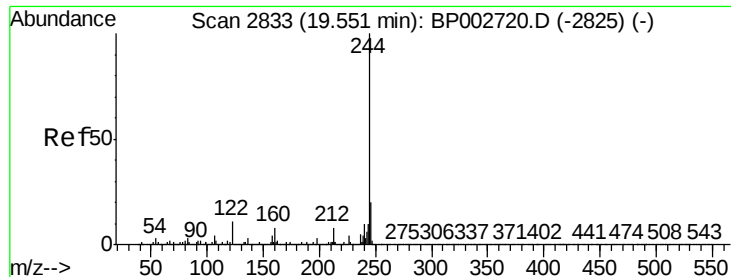
Tot Ion	Ratio	Lower	Upper
266	100		
268	16.8	50.6	75.8#
264	86.3	48.6	72.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.4	14.2
236	27.4	21.3	31.9





#79

Terphenyl-d14

Concen: 1.308 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

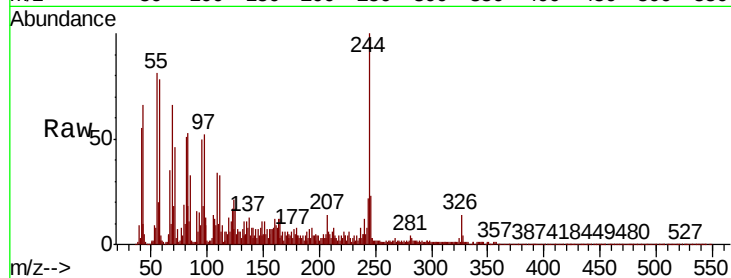
Tot Ion:244 Resp: 40393

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

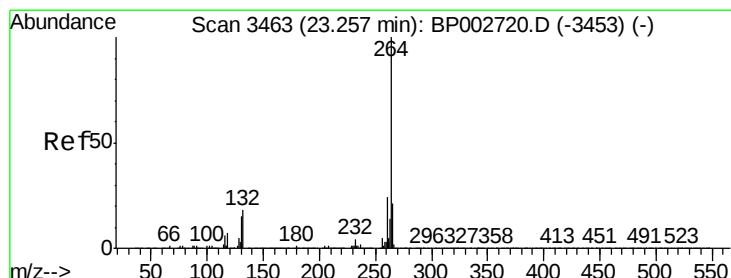
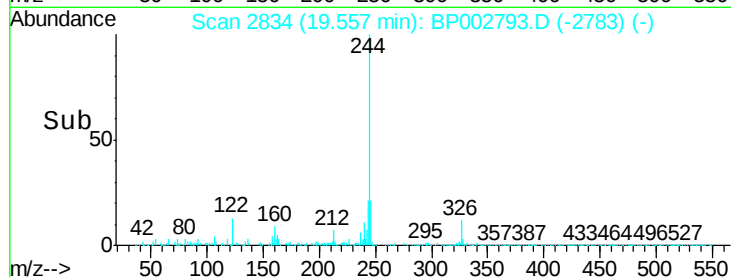
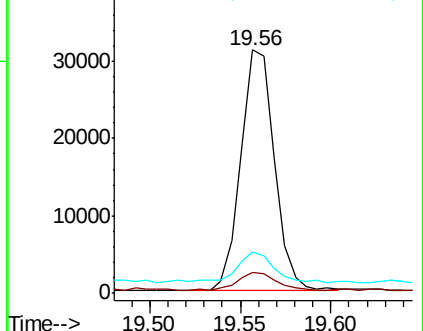
122 17.2 8.9 13.3#



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: 23.28 min Scan# 3467

Delta R.T. 0.02 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

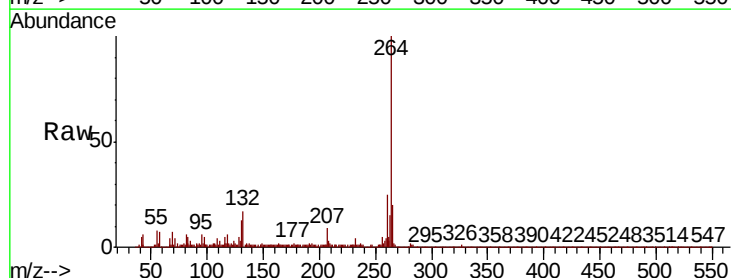
Tgt Ion:264 Resp: 614576

Ion Ratio Lower Upper

264 100

260 25.4 19.3 28.9

265 20.4 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

