

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002866.D
 Acq On : 24 Jul 2020 22:13
 Operator : CG/JU
 Sample : L3383-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-009

Quant Time: Jul 24 23:59:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

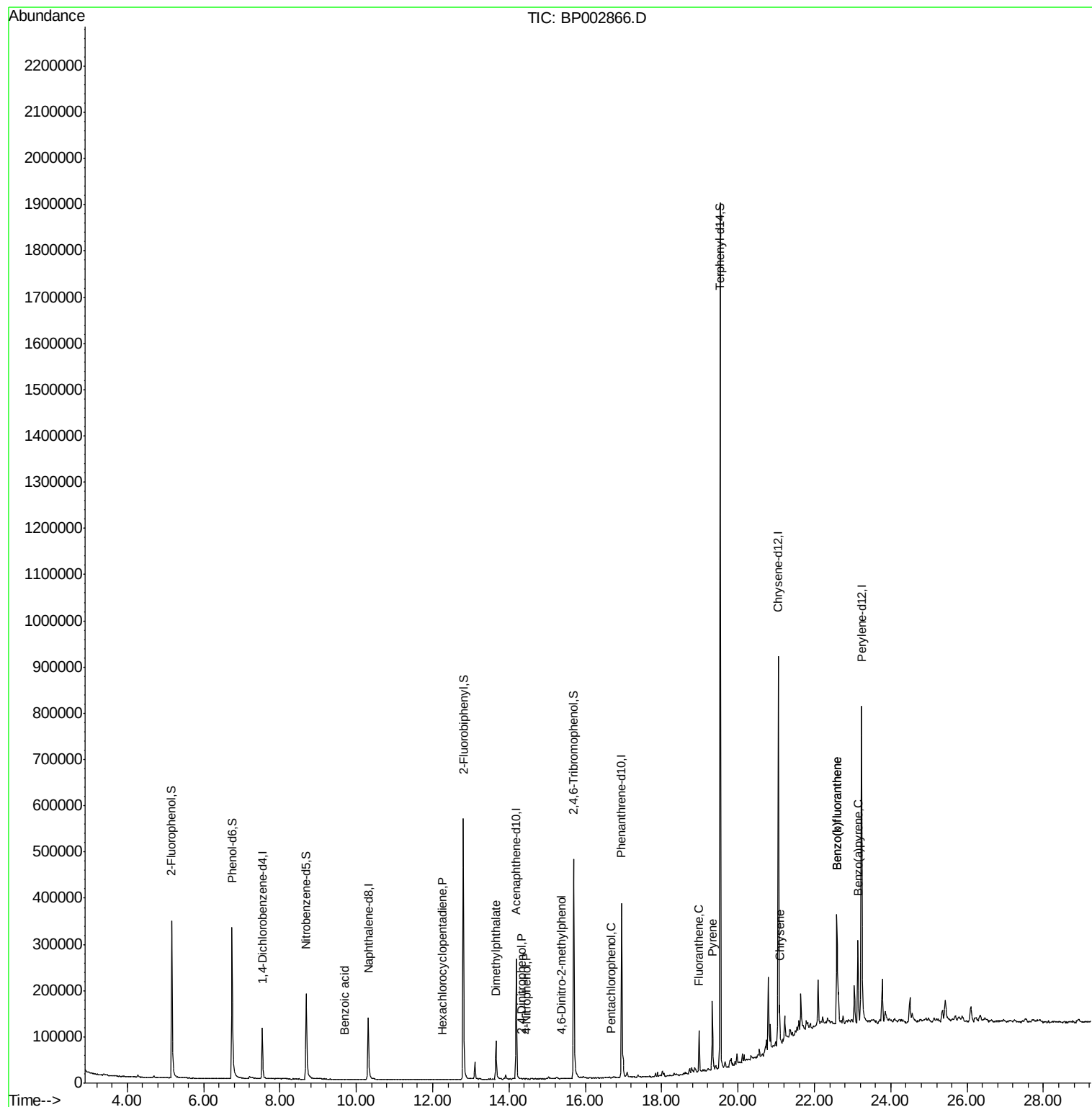
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	31416	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	131639	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	89710	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	239314	20.00	ng	0.00
76) Chrysene-d12	21.05	240	365720	20.00	ng	0.00
86) Perylene-d12	23.23	264	450719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	185606	99.68	ng	0.00
7) Phenol-d6	6.74	99	251159	94.51	ng	0.00
23) Nitrobenzene-d5	8.69	82	141282	57.40	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	97324	103.93	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	322672	55.64	ng	0.00
79) Terphenyl-d14	19.53	244	761988	47.77	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	10	7.068	ng	Qvalue # 26
41) Hexachlorocyclopentadiene	12.26	237	19	7.448	ng	89
50) Dimethylphthalate	13.66	163	66492	9.719	ng	99
54) 2,4-Dinitrophenol	14.34	184	41	11.417	ng	# 85
56) 4-Nitrophenol	14.46	139	16	4.983	ng	# 64
65) 4,6-Dinitro-2-methylphenol	15.37	198	22	5.280	ng	# 1
70) Pentachlorophenol	16.67	266	14	7.451	ng	93
75) Fluoranthene	18.97	202	52571	3.501	ng	99
78) Pyrene	19.33	202	83360	3.301	ng	99
83) Chrysene	21.09	228	57659	2.559	ng	96
88) Benzo(b)fluoranthene	22.59	252	107212	3.831	ng	# 97
89) Benzo(k)fluoranthene	22.59	252	107212	3.889	ng	# 96
90) Benzo(a)pyrene	23.14	252	58283	2.198	ng	95

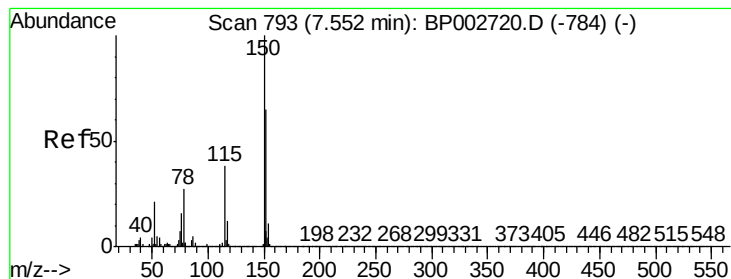
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002866.D
Acq On : 24 Jul 2020 22:13
Operator : CG/JU
Sample : L3383-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CRT-009

Quant Time: Jul 24 23:59:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 15:50:46 2020
Response via : Initial Calibration



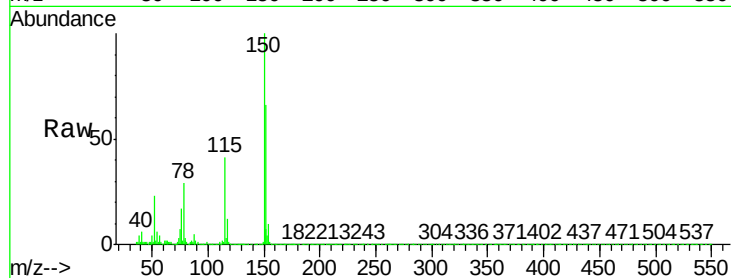


#1

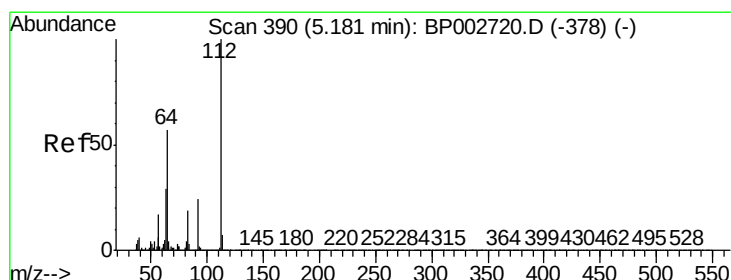
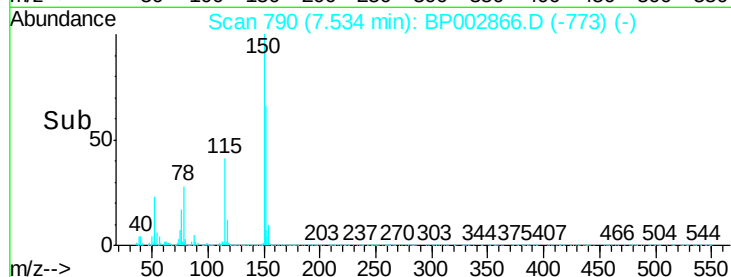
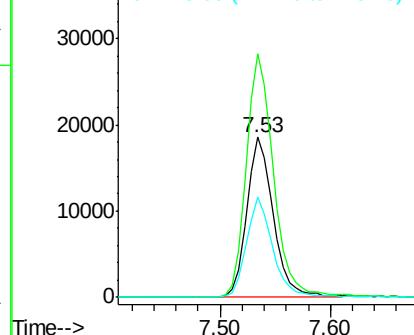
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Instrument :
BNA_P
ClientSampleId :
CRT-009

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.5	183.7
115	62.4	48.5	72.7



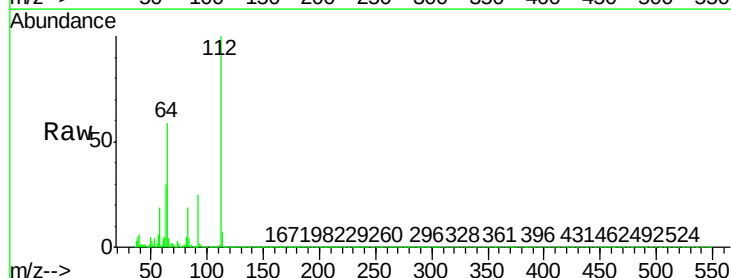
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



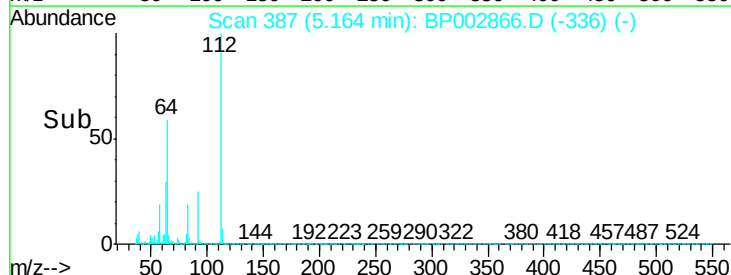
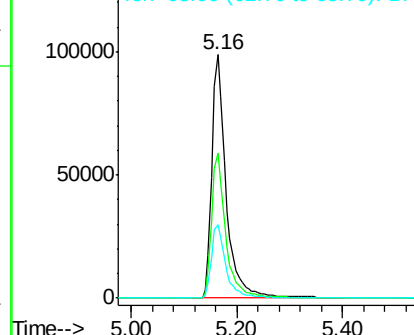
#5

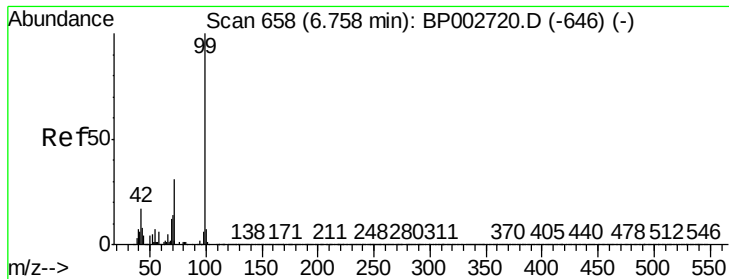
2-Fluorophenol
Concen: 99.679 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.1	72.1
63	30.3	24.9	37.3



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: 94.512 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

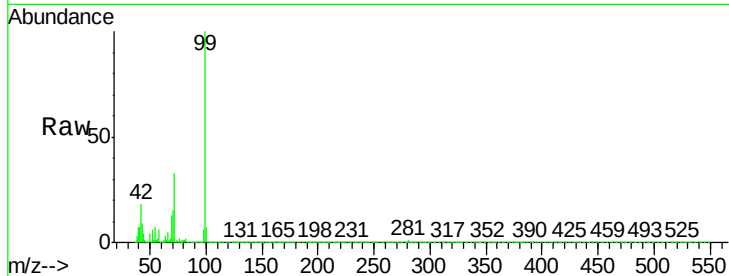
Tot Ion: 99 Resp: 251159

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.4

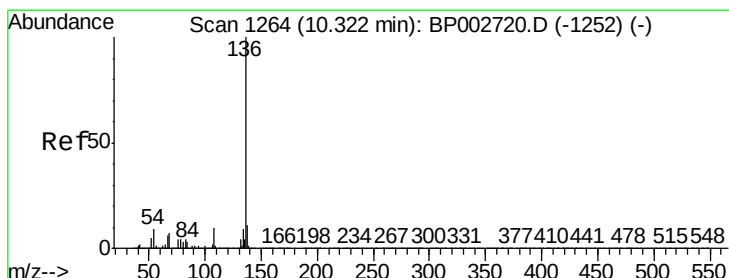
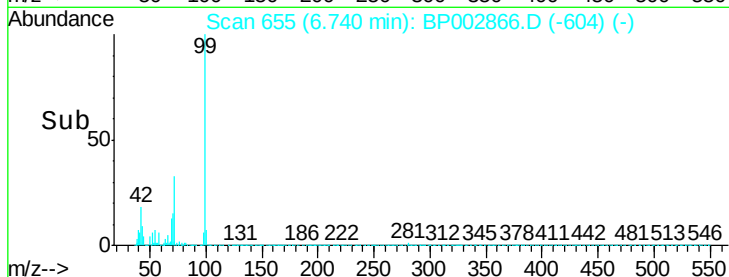
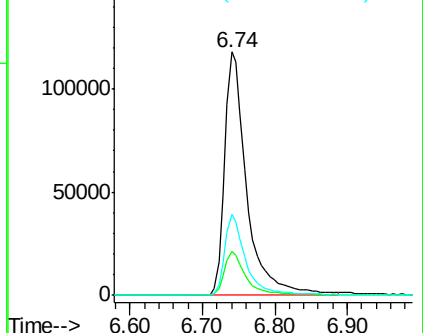
71 33.0 26.1 39.1



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: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Tgt Ion: 136 Resp: 131639

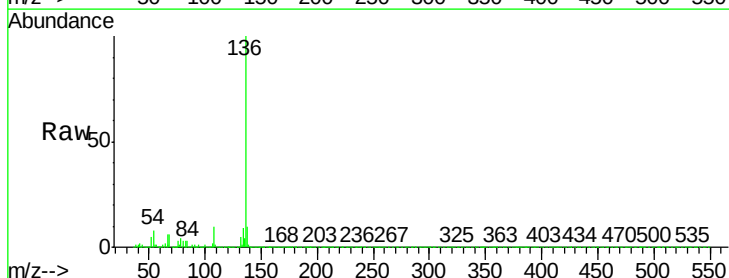
Ion Ratio Lower Upper

136 100

137 10.1 8.8 13.2

54 8.2 7.3 10.9

68 6.4 5.7 8.5

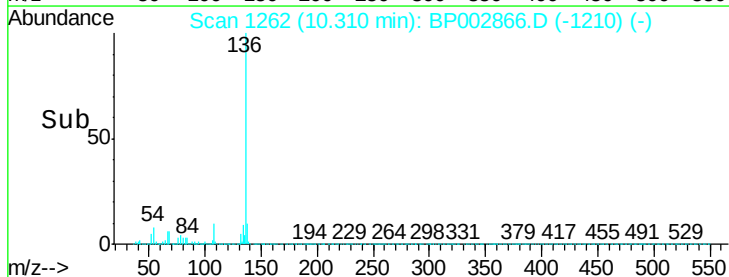
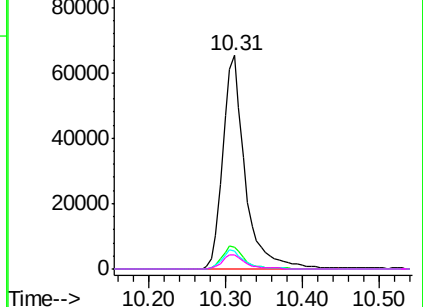


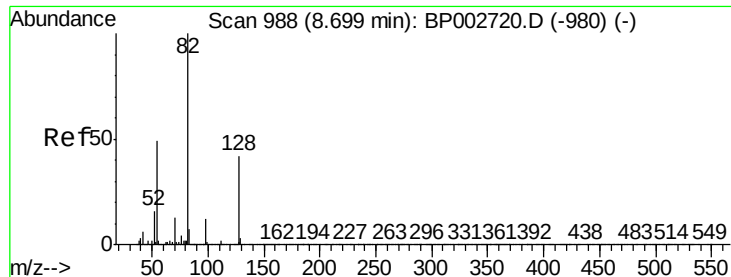
Abundance Ion 136.00 (135.70 to 136.70): E

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

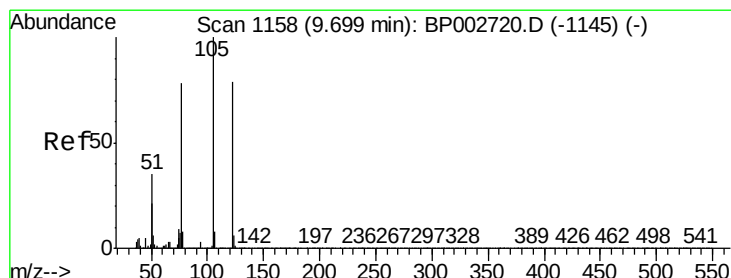
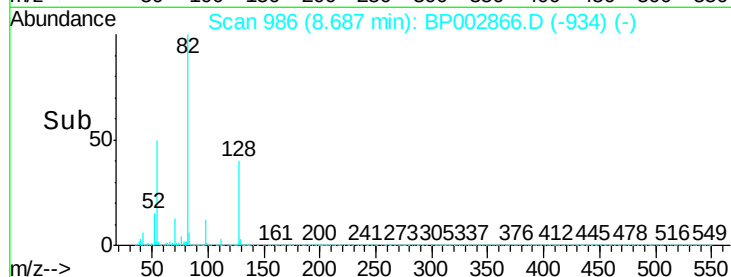
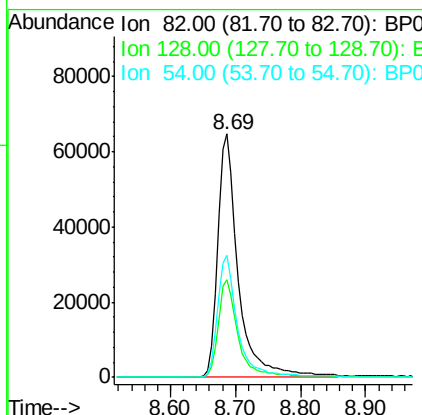
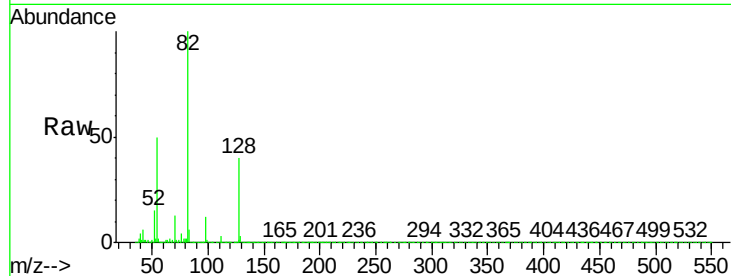




#23
Nitrobenzene-d5
Concen: 57.401 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.01 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

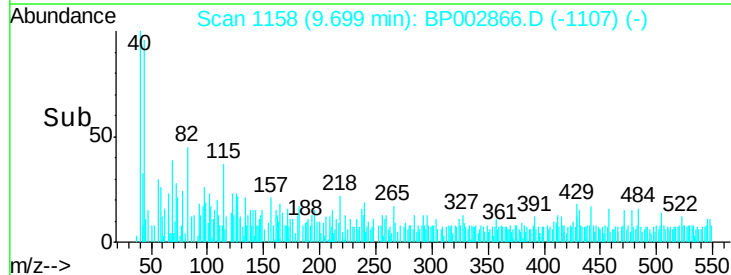
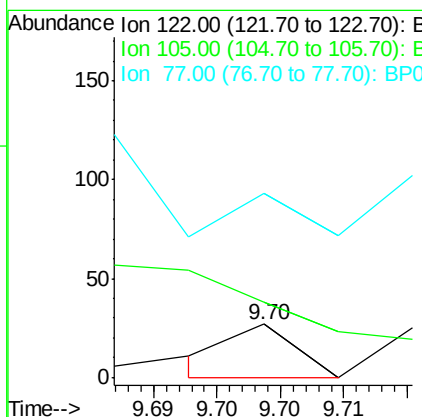
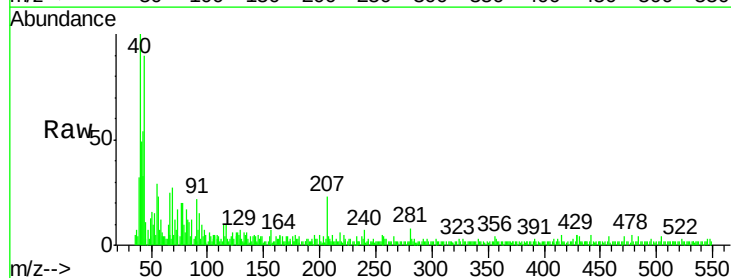
Instrument :
BNA_P
ClientSampleId :
CRT-009

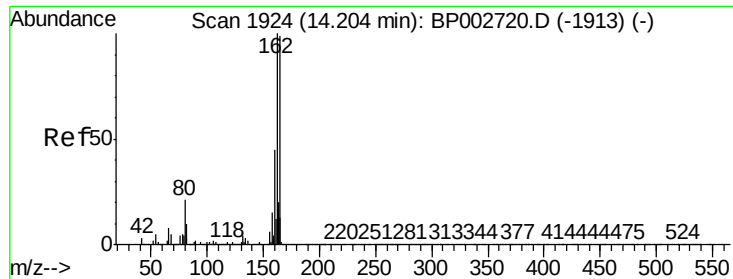
Tot Ion	82	Resp	141282
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.6	49.0
54	50.2	38.9	58.3



#32
Benzoic acid
Concen: 7.068 ng
RT: 9.70 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion	122	Resp	10
Ion Ratio	Lower	Upper	
122	100		
105	95.0	101.9	141.9#
77	232.5	78.0	118.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

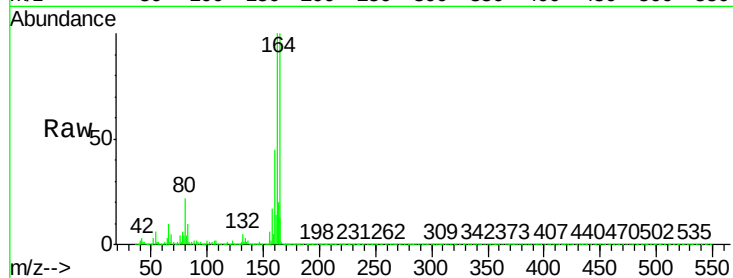
Tot Ion:164 Resp: 89710

Ion Ratio Lower Upper

164 100

162 100.1 78.4 117.6

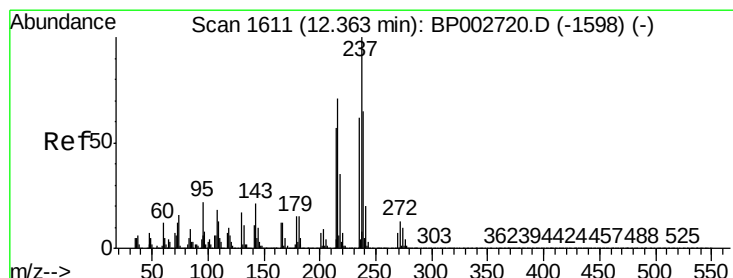
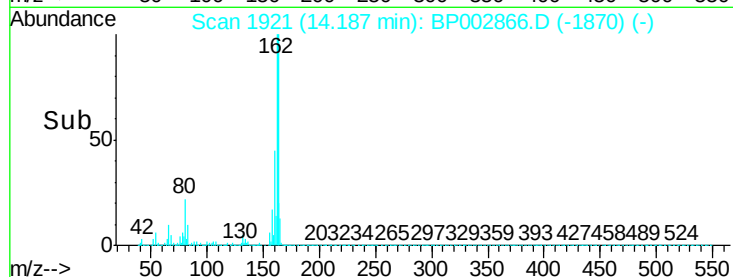
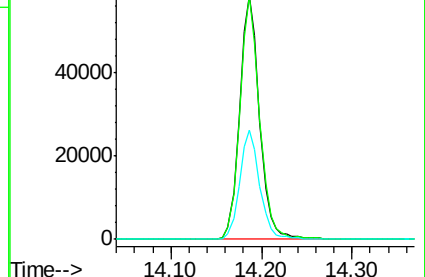
160 45.0 36.1 54.1



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: 7.448 ng

RT: 12.26 min Scan# 1594

Delta R.T. -0.08 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

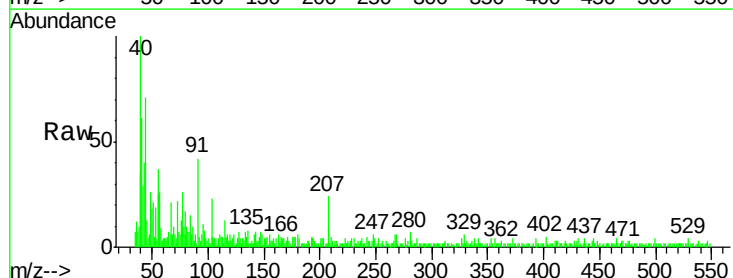
Tgt Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 66.7 40.9 80.9

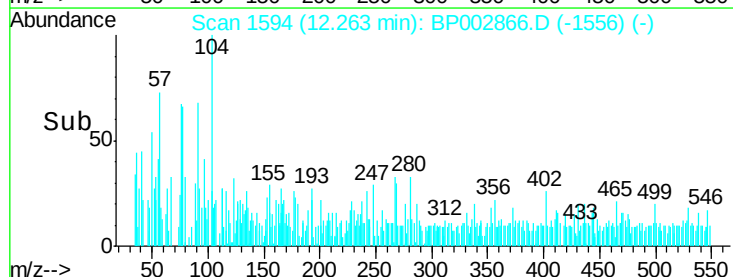
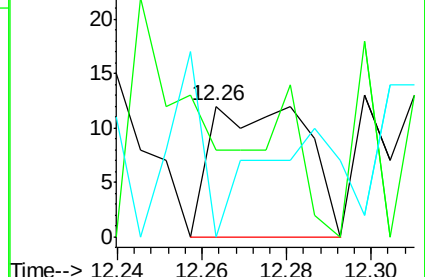
272 0.0 0.0 32.1

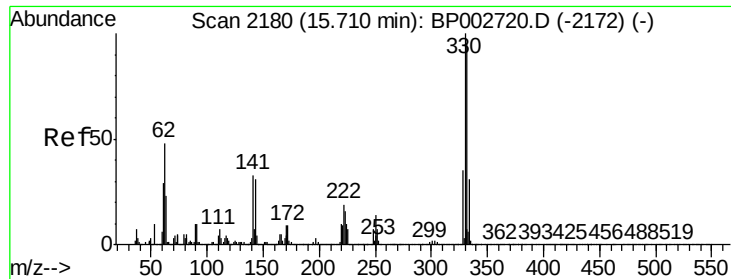


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 103.931 ng

RT: 15.70 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

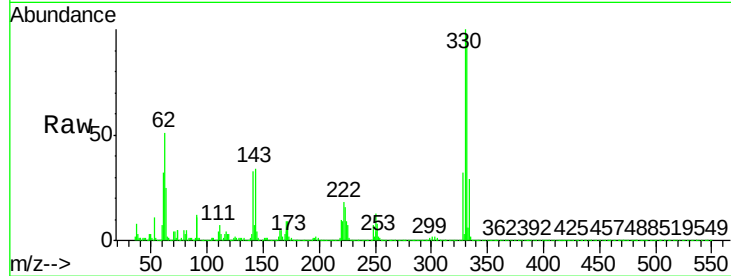
Tot Ion:330 Resp: 97324

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

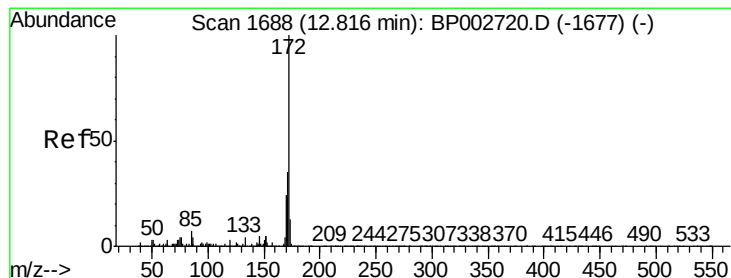
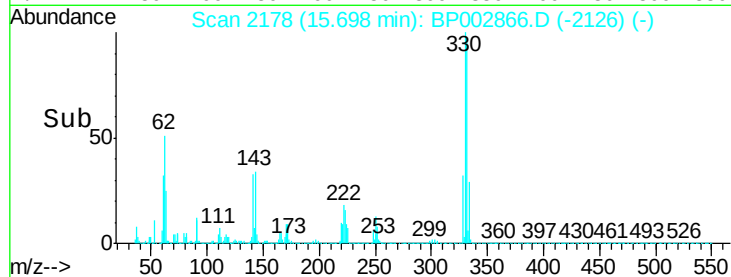
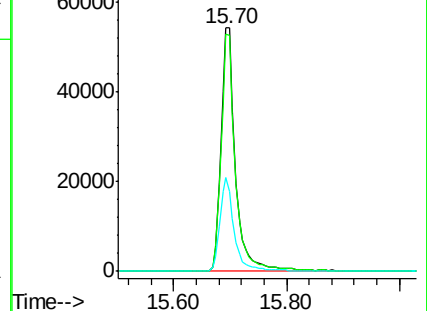
141 37.5 29.0 43.6



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: 55.642 ng

RT: 12.80 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

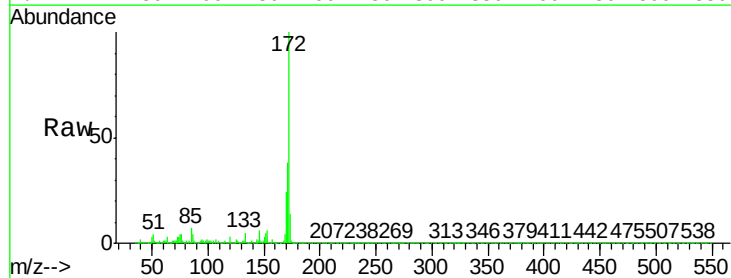
Tgt Ion:172 Resp: 322672

Ion Ratio Lower Upper

172 100

171 37.8 27.0 40.4

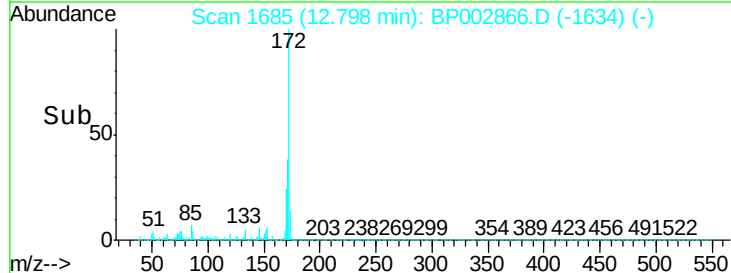
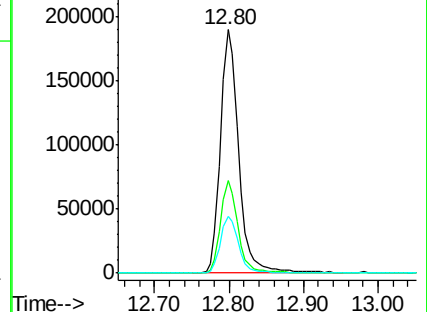
170 23.5 19.4 29.2

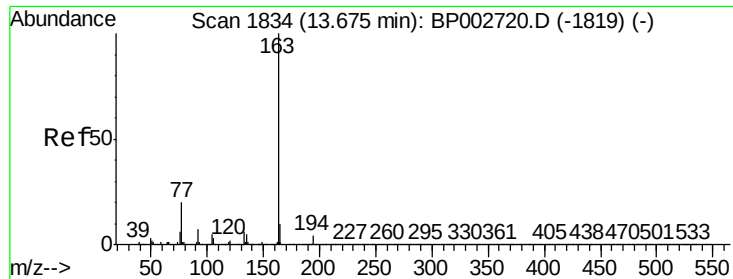


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.719 ng

RT: 13.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

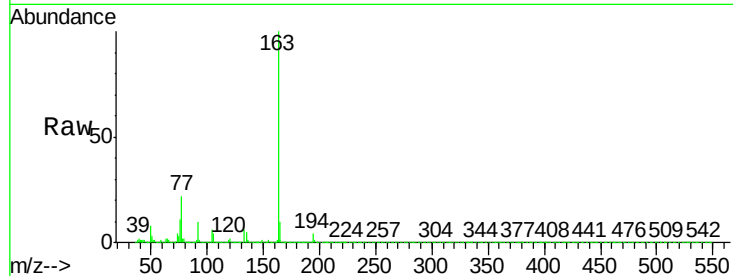
Tot Ion:163 Resp: 66492

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

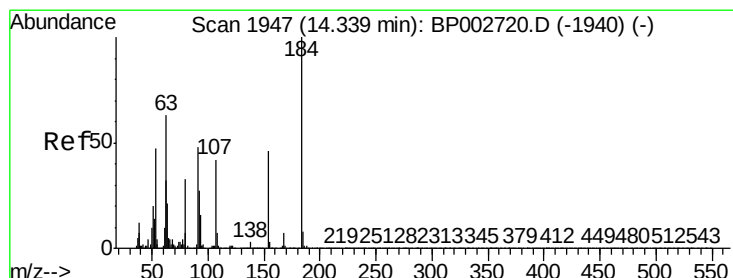
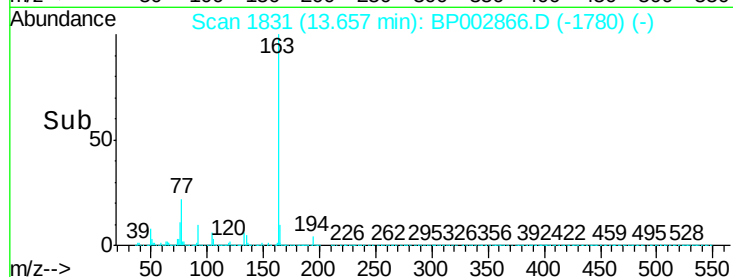
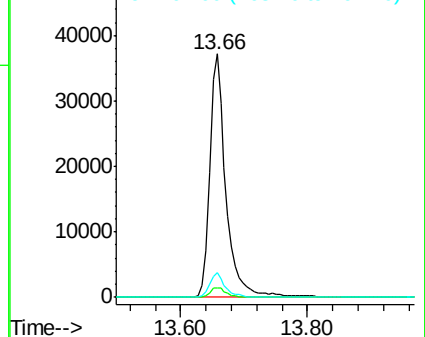
164 10.2 8.2 12.2



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: 11.417 ng

RT: 14.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

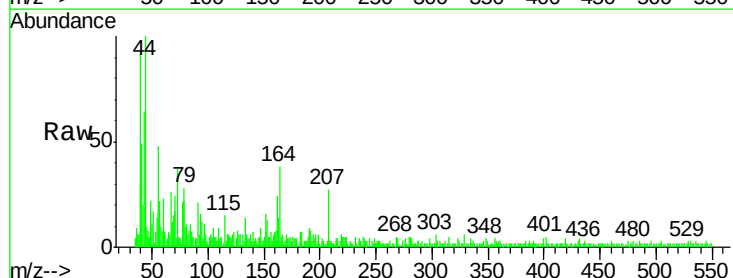
Tgt Ion:184 Resp: 41

Ion Ratio Lower Upper

184 100

63 53.3 55.4 83.0#

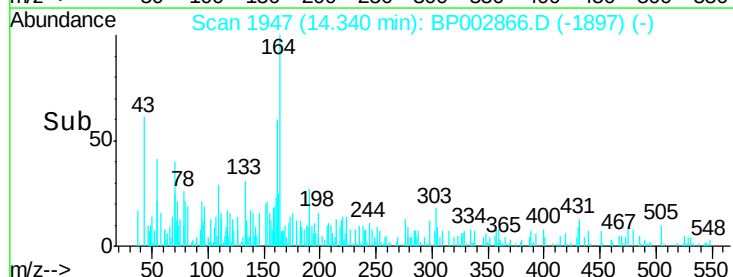
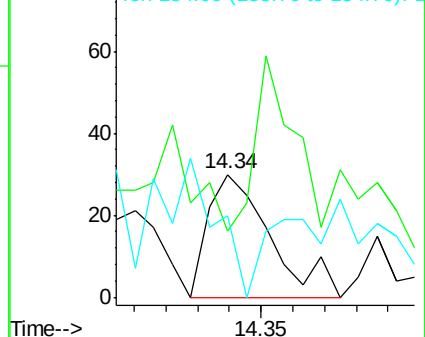
154 66.7 47.5 71.3

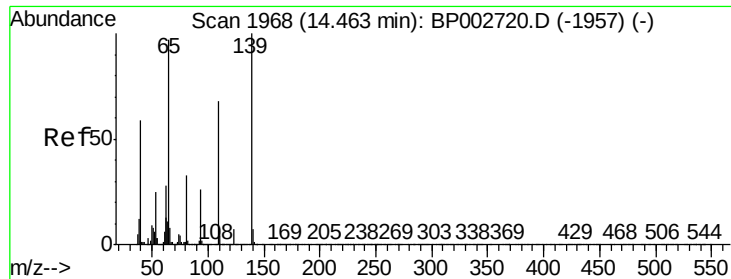


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

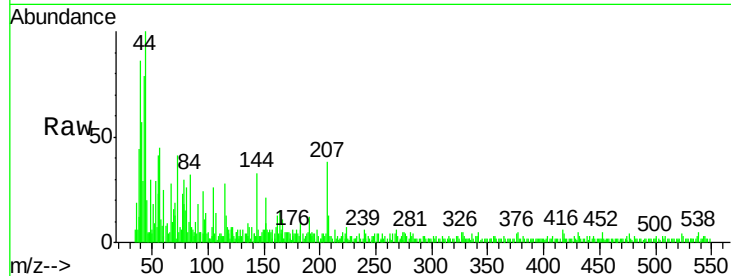




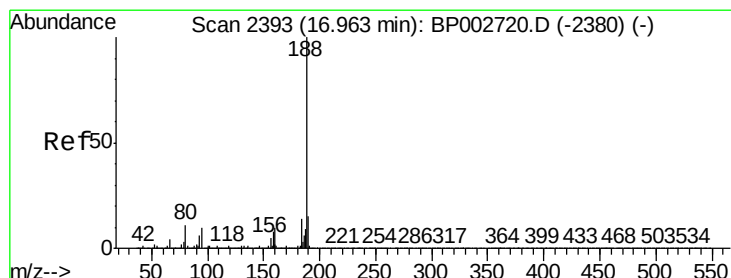
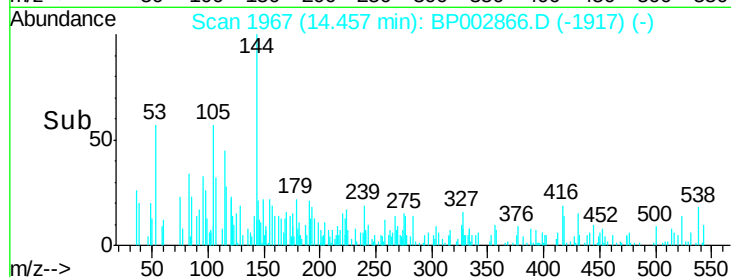
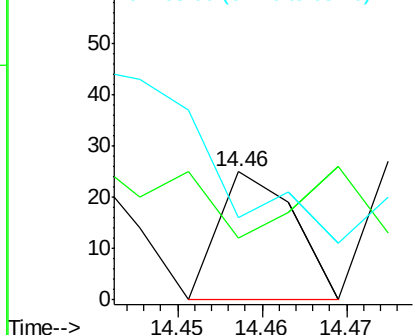
#56
4-Nitrophenol
Concen: 4.983 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Instrument :
BNA_P
ClientSampled :
CRT-009

Tot Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 48.0 55.2 95.2#
65 64.0 84.7 124.7#

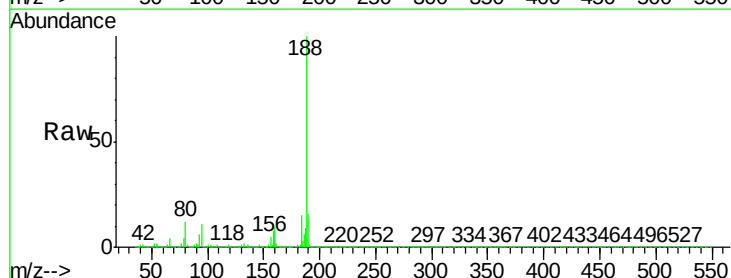


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

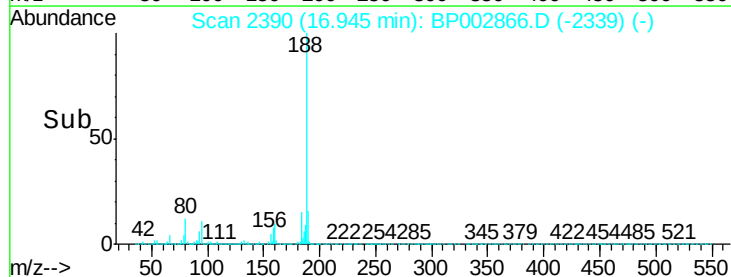
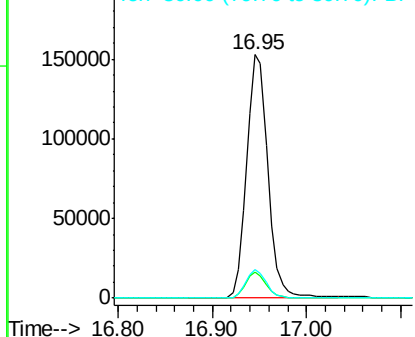


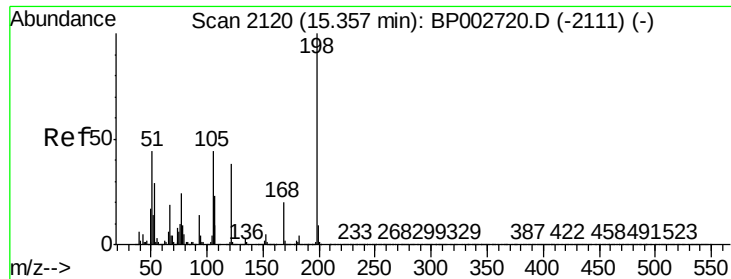
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion:188 Resp: 239314
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.0 9.0 13.4



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

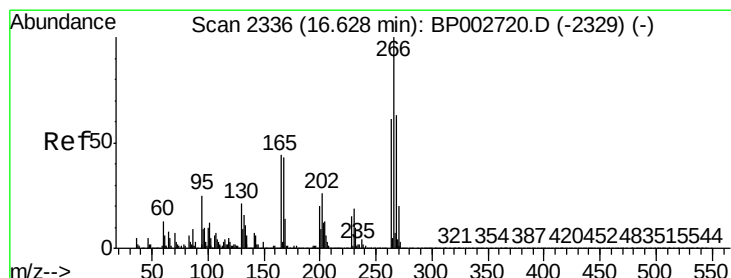
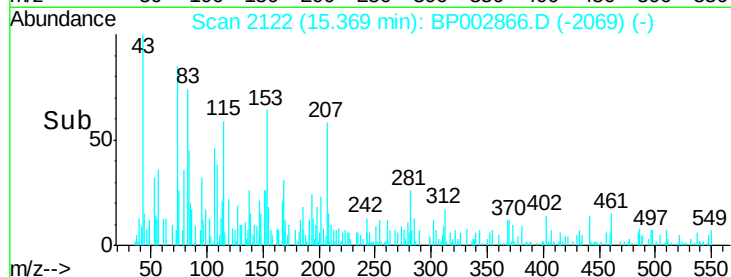
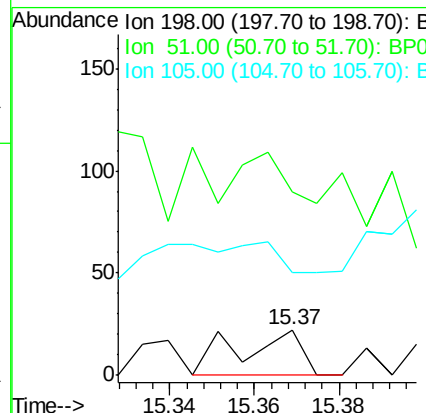
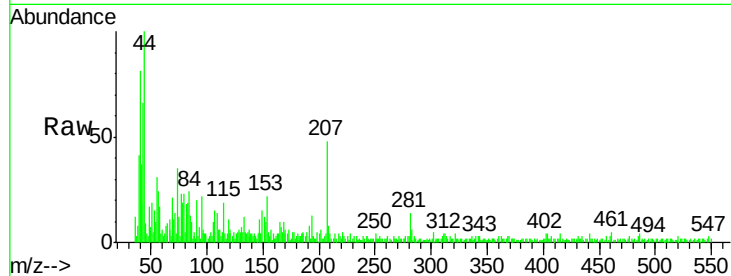




#65
4,6-Dinitro-2-methylphenol
Concen: 5.280 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

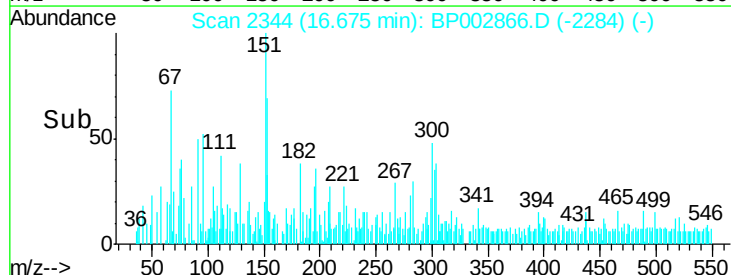
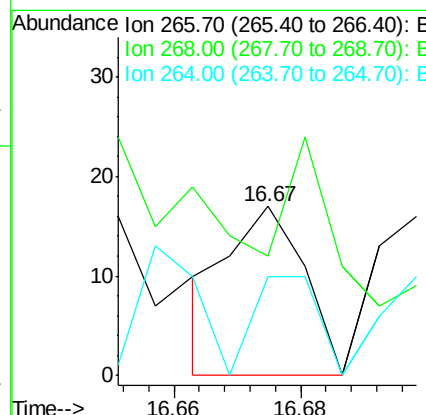
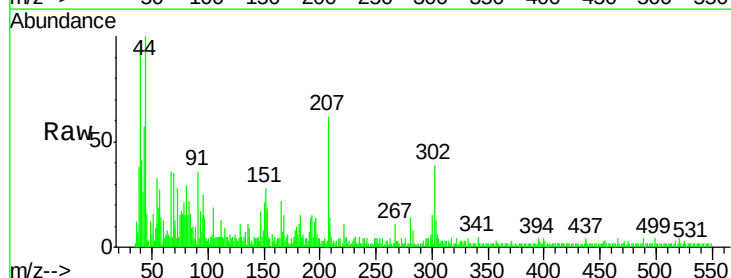
Instrument :
BNA_P
ClientSampleId :
CRT-009

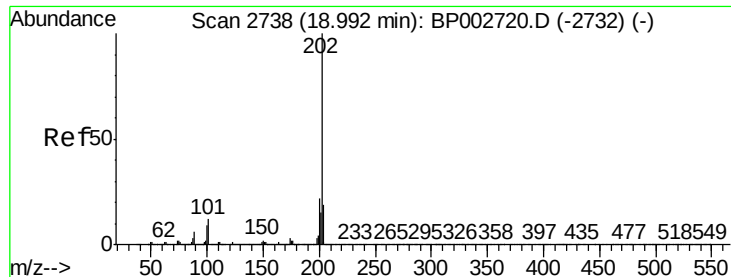
Tot Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 409.1 25.1 65.1#
105 227.3 24.6 64.6#



#70
Pentachlorophenol
Concen: 7.451 ng
RT: 16.67 min Scan# 2344
Delta R.T. 0.05 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
268 70.6 51.2 76.8
264 58.8 50.2 75.4





#75

Fluoranthene

Concen: 3.501 ng

RT: 18.97 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

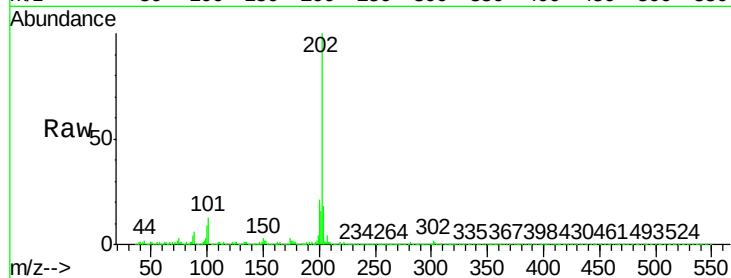
Tot Ion:202 Resp: 52571

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.0

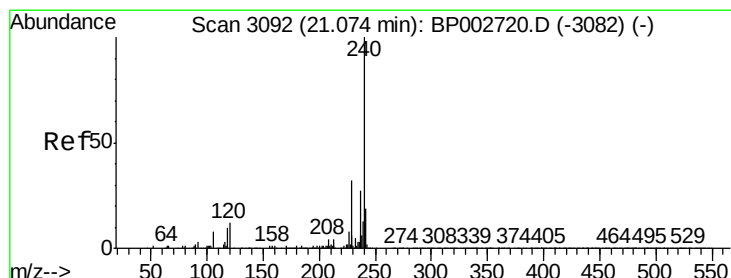
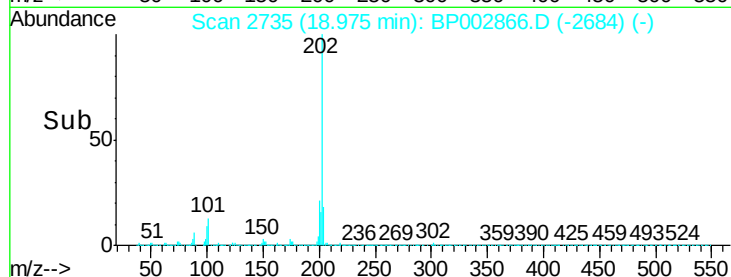
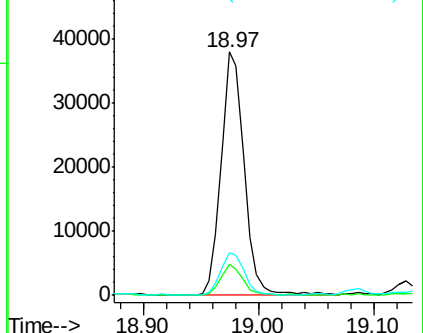
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

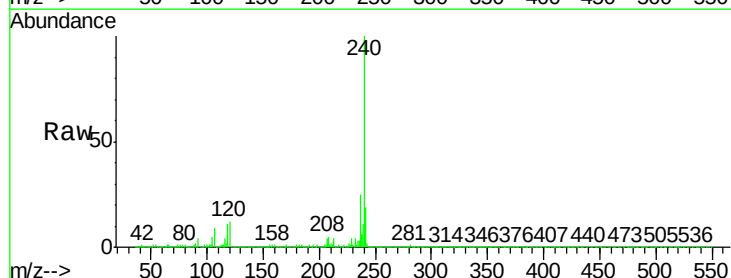
Tgt Ion:240 Resp: 365720

Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

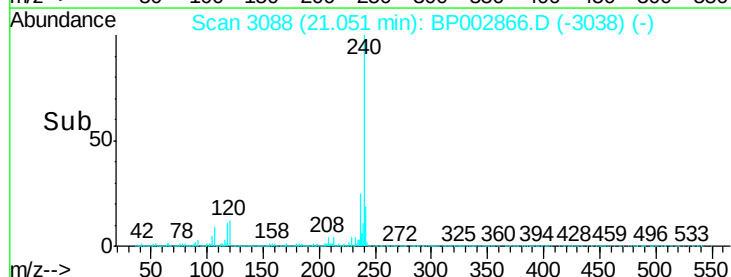
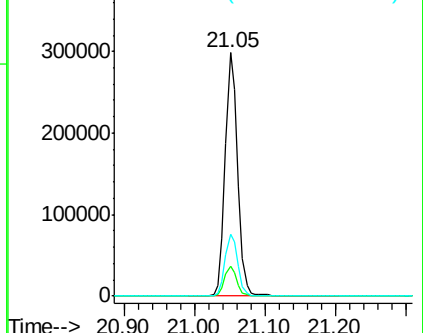
236 25.3 20.3 30.5

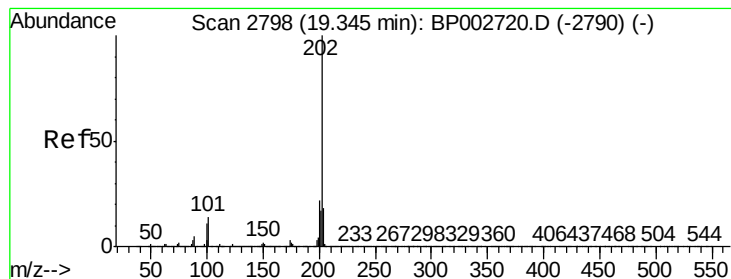


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.301 ng

RT: 19.33 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

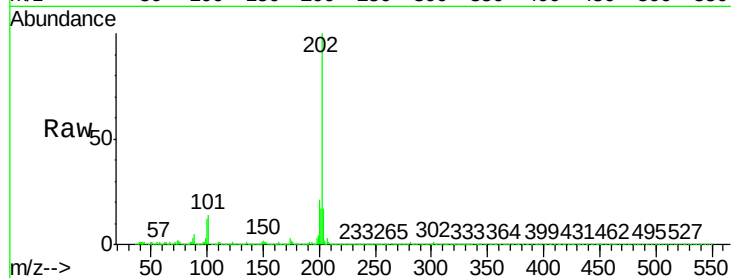
Tot Ion:202 Resp: 83360

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

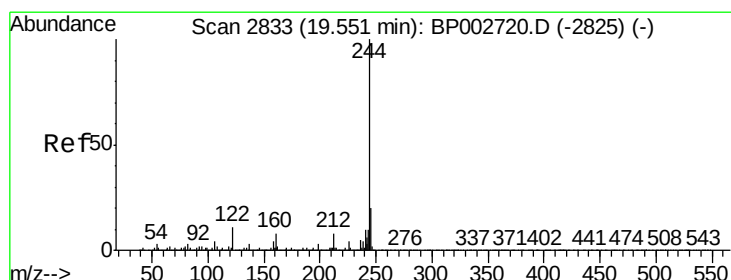
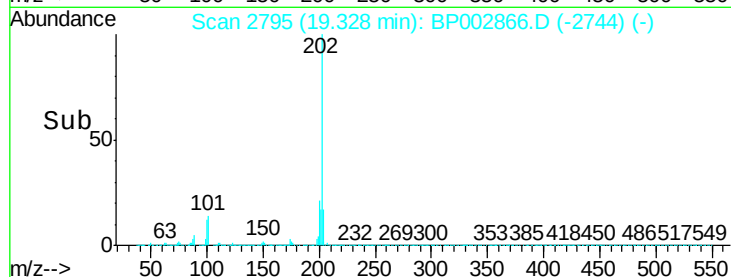
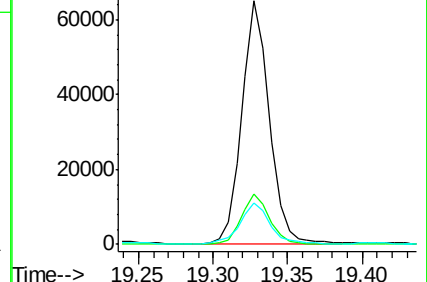
203 16.9 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 47.769 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

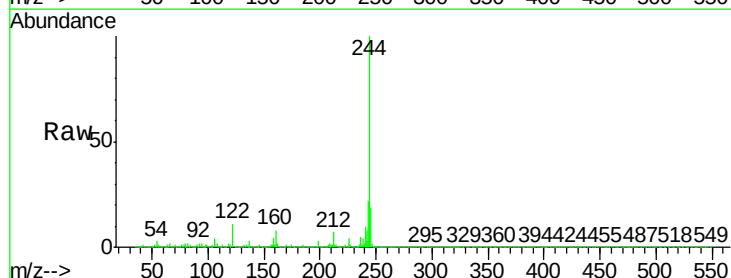
Tgt Ion:244 Resp: 761988

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

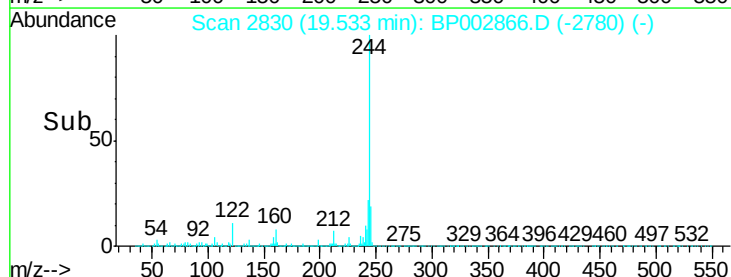
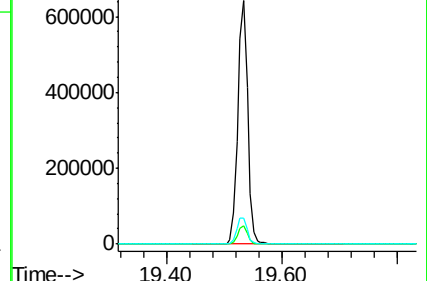
122 10.9 7.9 11.9

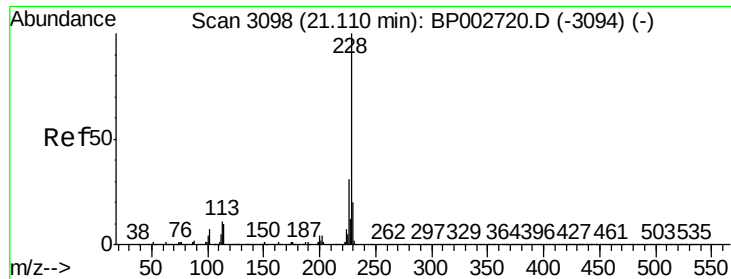


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Chrysene

Concen: 2.559 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

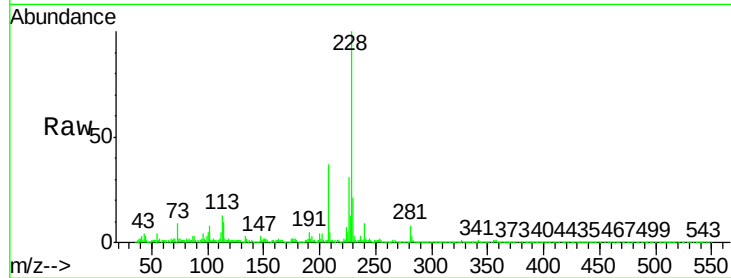
BNA_P

ClientSampleId :

CRT-009

Tot Ion:228 Resp: 57659

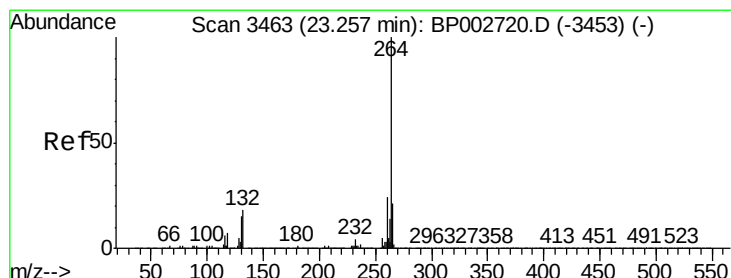
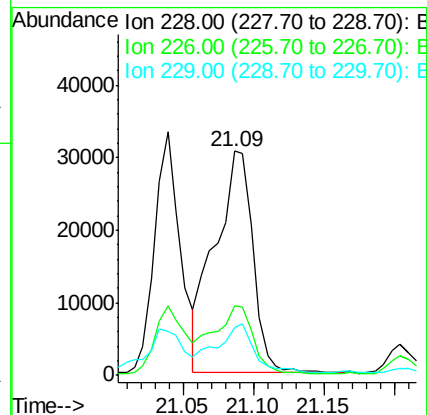
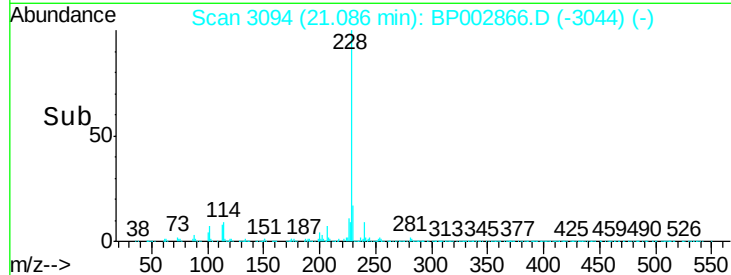
Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	21.1	15.2	22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

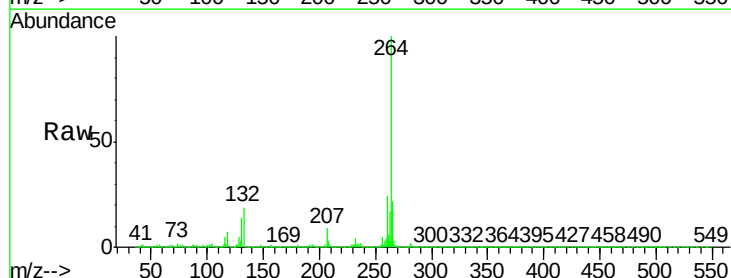
Delta R.T. 0.00 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Tgt Ion:264 Resp: 450719

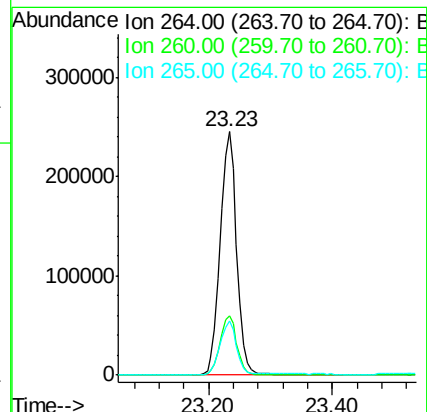
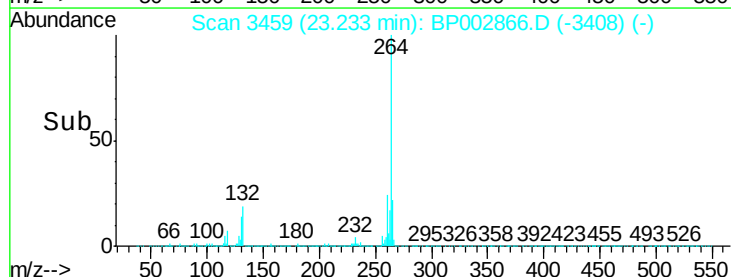
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.3	16.7	25.1

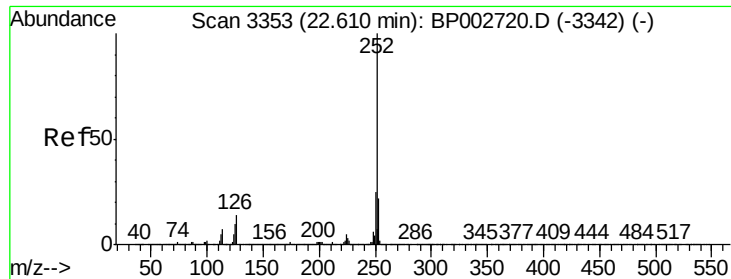


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

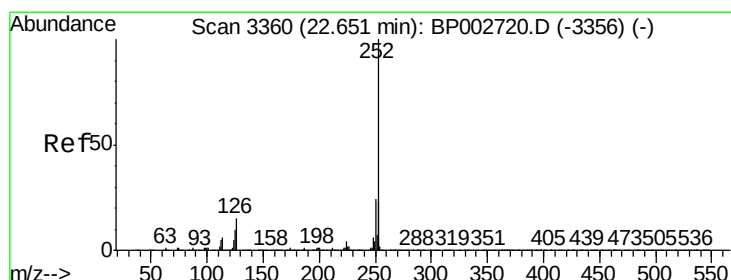
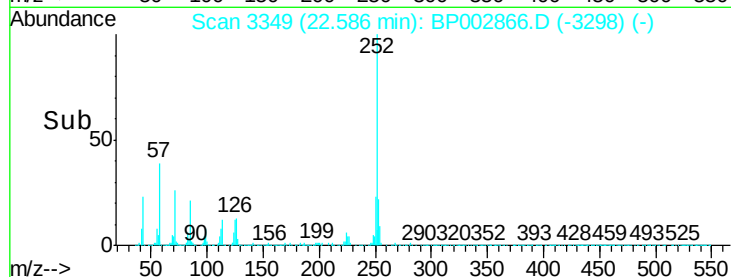
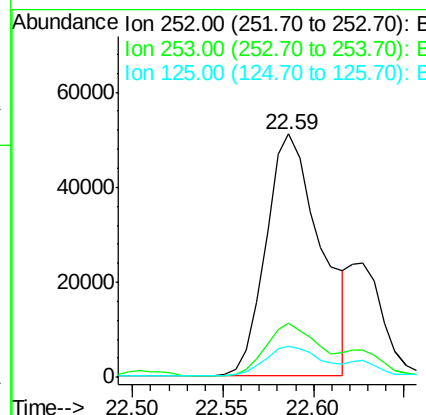
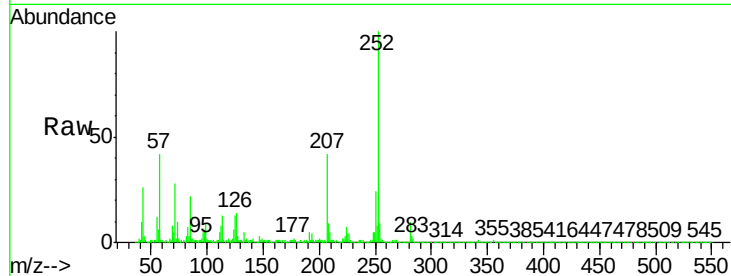




#88
Benzo(b)fluoranthene
Concen: 3.831 ng
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

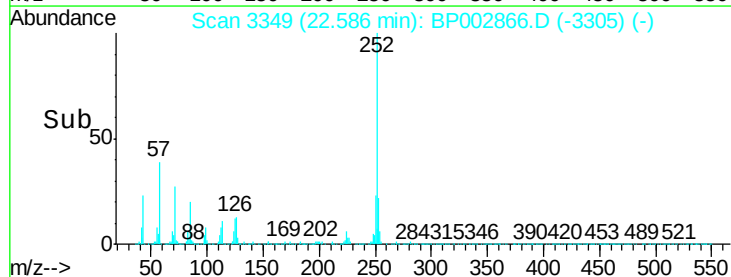
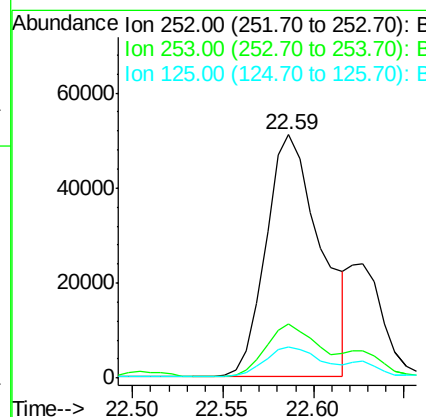
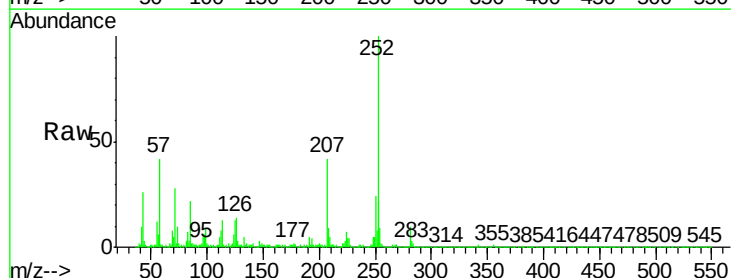
Instrument :
BNA_P
ClientSampleId :
CRT-009

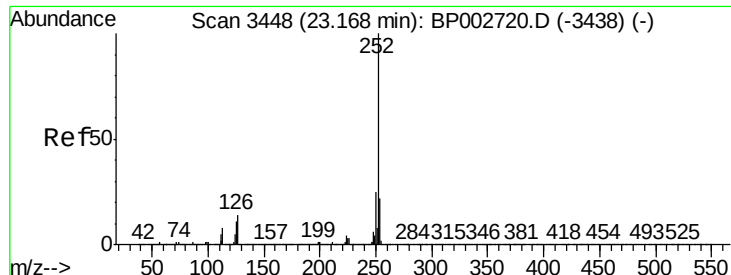
Tot Ion:252 Resp: 107212
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 12.6 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 3.889 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BP002866.D
Acq: 24 Jul 2020 22:13

Tgt Ion:252 Resp: 107212
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.6 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.198 ng

RT: 23.14 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BP002866.D

Acq: 24 Jul 2020 22:13

Instrument :

BNA_P

ClientSampleId :

CRT-009

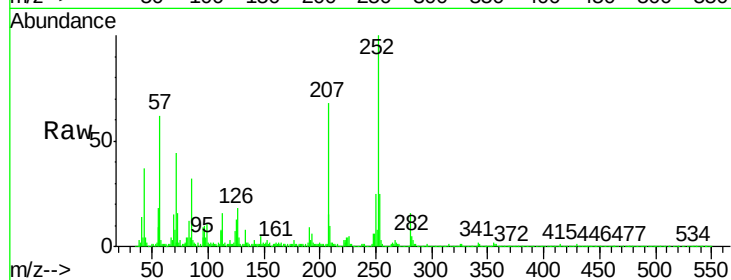
Tot Ion: 252 Resp: 58283

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

125 13.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

