

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002864.D
 Acq On : 24 Jul 2020 21:05
 Operator : CG/JU
 Sample : L3383-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-009

Quant Time: Jul 24 23:58:27 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

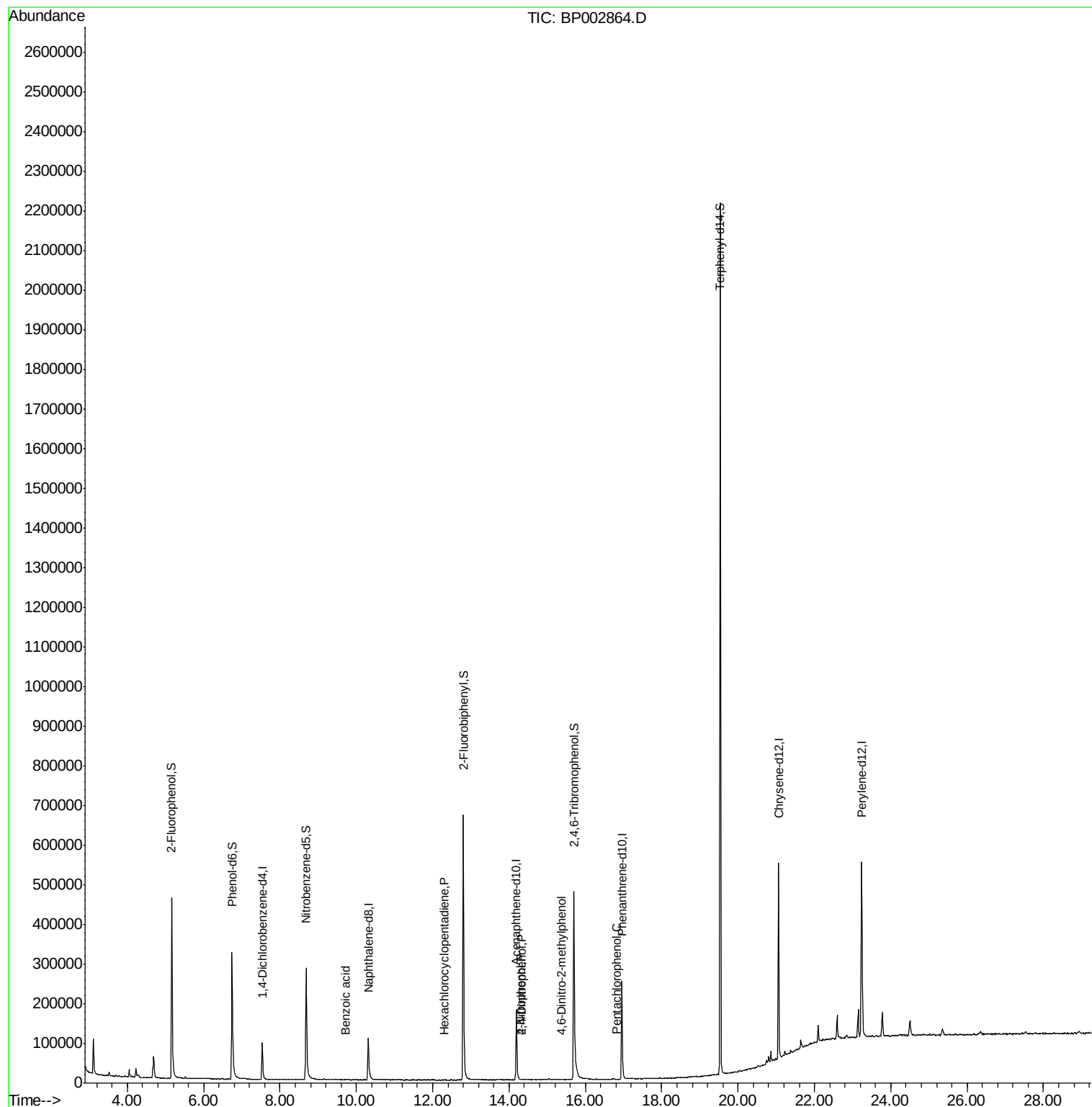
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	28704	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	114397	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	70718	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	174994	20.00	ng	0.00
76) Chrysene-d12	21.06	240	242040	20.00	ng	0.00
86) Perylene-d12	23.23	264	314122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	243729	143.26	ng	0.00
7) Phenol-d6	6.74	99	267258	110.07	ng	0.00
23) Nitrobenzene-d5	8.69	82	213479	99.81	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	117532	159.22	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	409072	89.49	ng	0.00
79) Terphenyl-d14	19.53	244	927765	87.88	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	43	7.091	ng	# 1
41) Hexachlorocyclopentadiene	12.32	237	8	7.442	ng	# 77
54) 2,4-Dinitrophenol	14.34	184	30	11.414	ng	# 56
56) 4-Nitrophenol	14.30	139	15	4.985	ng	# 88
65) 4,6-Dinitro-2-methylphenol	15.37	198	34	5.295	ng	# 1
70) Pentachlorophenol	16.82	266	18	7.458	ng	# 98

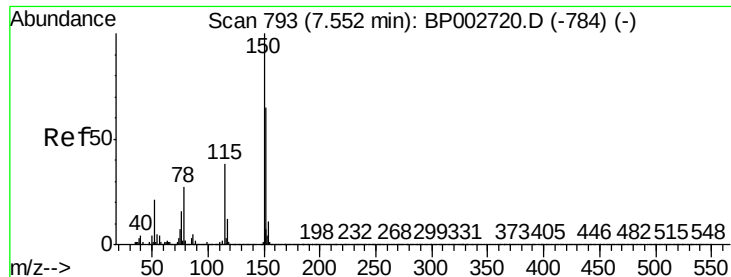
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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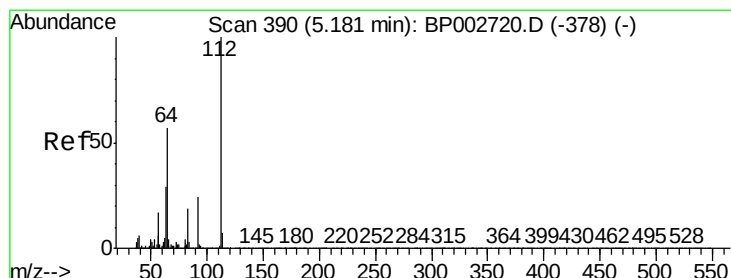
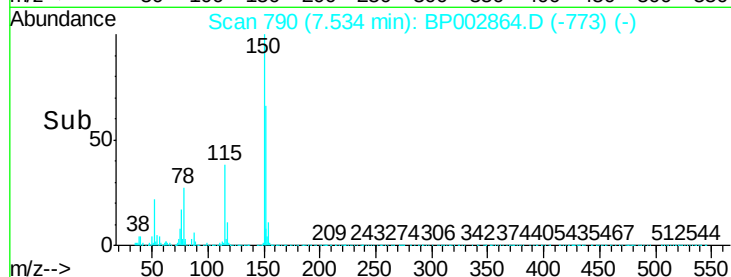
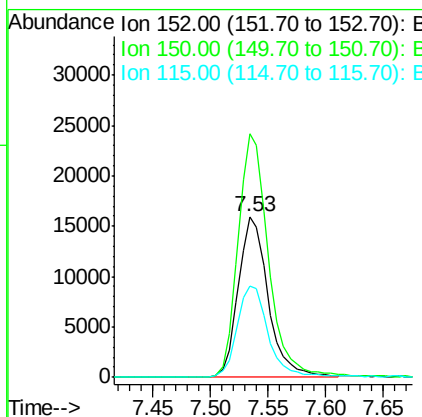
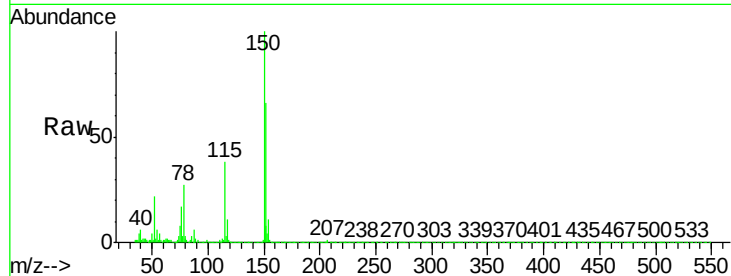


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP002864.D
Acq: 24 Jul 2020 21:05

Instrument :
BNA_P
ClientSampleId :
CRT-009

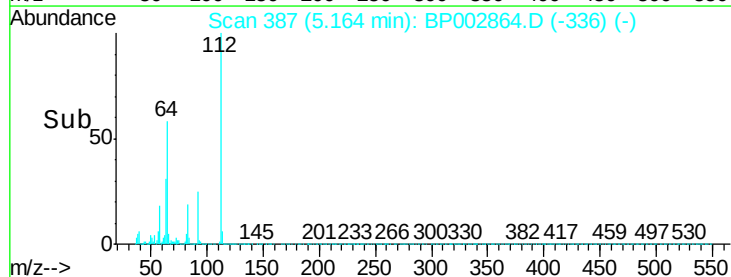
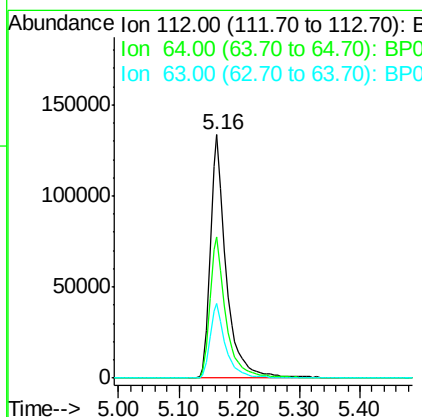
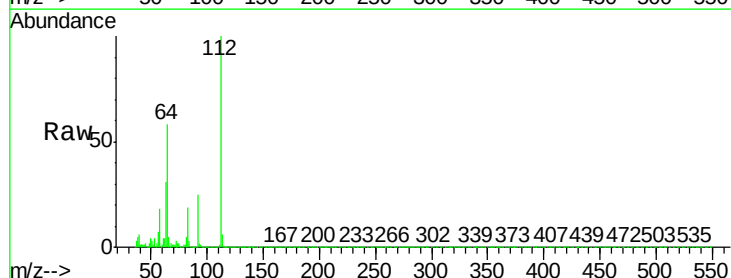
Tot Ion:152 Resp: 28704
Ion Ratio Lower Upper
152 100
150 151.5 122.5 183.7
115 57.2 48.5 72.7

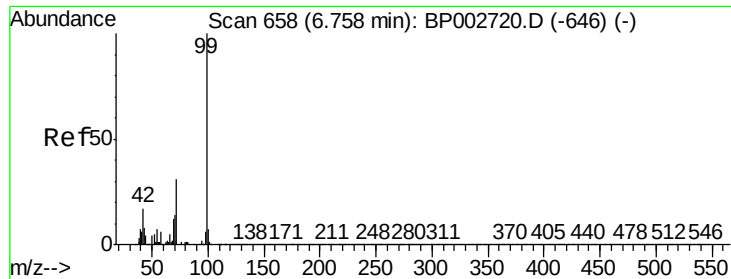


#5

2-Fluorophenol
Concen: 143.261 ng
RT: 5.16 min Scan# 387
Delta R.T. -0.00 min
Lab File: BP002864.D
Acq: 24 Jul 2020 21:05

Tgt Ion:112 Resp: 243729
Ion Ratio Lower Upper
112 100
64 58.2 48.1 72.1
63 30.8 24.9 37.3





#7

Phenol-d6

Concen: 110.072 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002864.D

Acq: 24 Jul 2020 21:05

Instrument :

BNA_P

ClientSampleId :

CRT-009

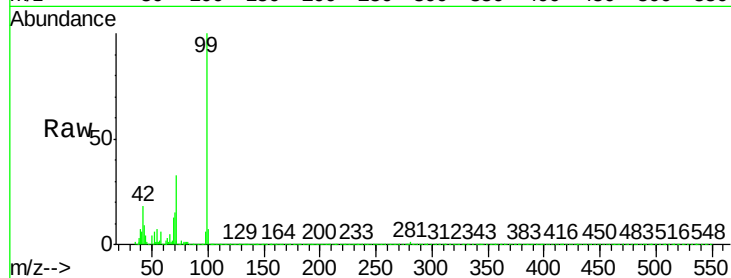
Tot Ion: 99 Resp: 267258

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.4

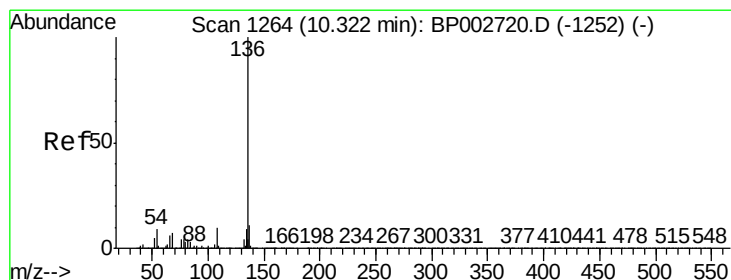
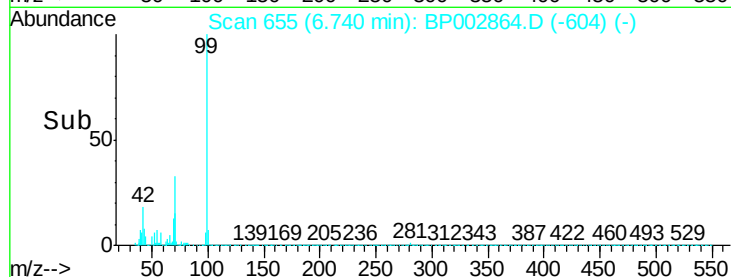
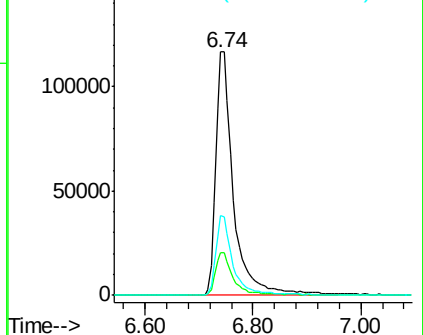
71 32.7 26.1 39.1



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: BP002864.D

Acq: 24 Jul 2020 21:05

Tgt Ion: 136 Resp: 114397

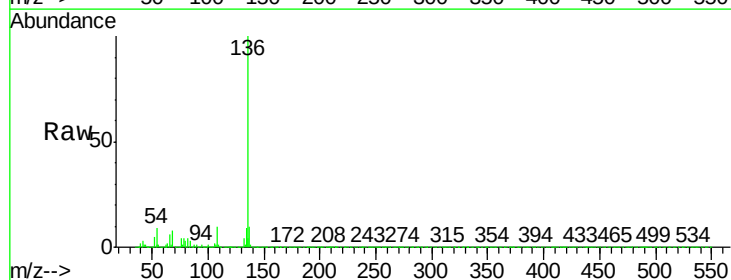
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.6 7.3 10.9

68 7.6 5.7 8.5

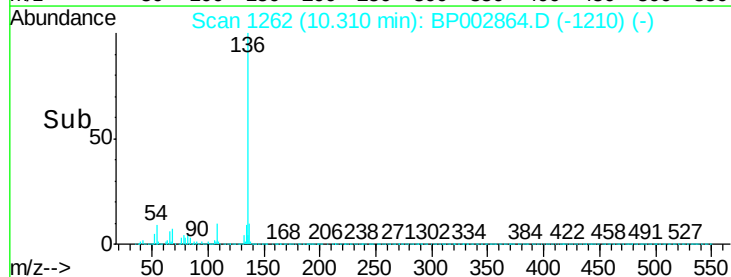
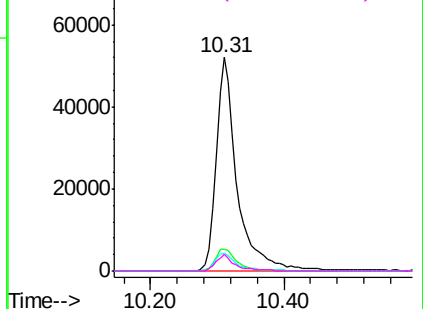


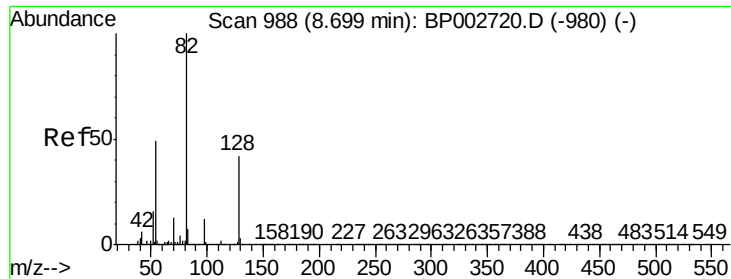
Abundance Ion 136.00 (135.70 to 136.70): E

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

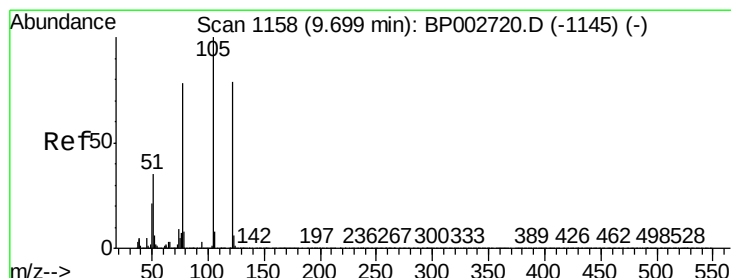
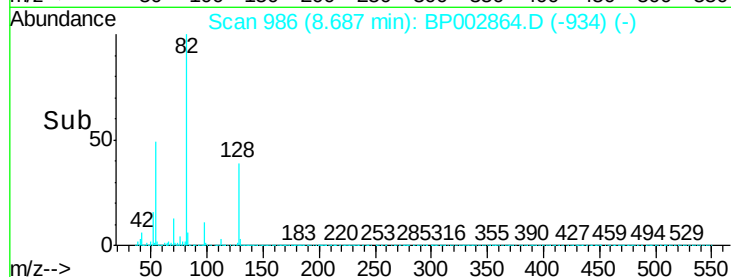
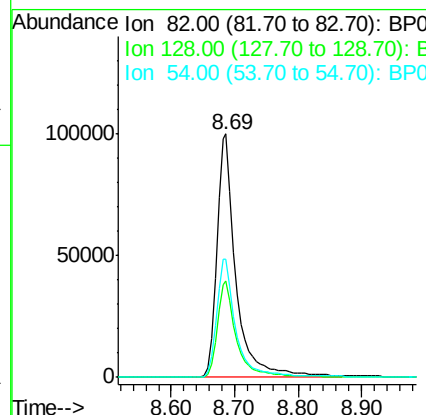
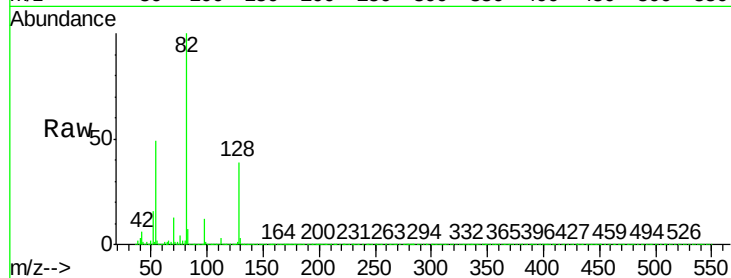




#23
 Nitrobenzene-d5
 Concen: 99.807 ng
 RT: 8.69 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BP002864.D
 Acq: 24 Jul 2020 21:05

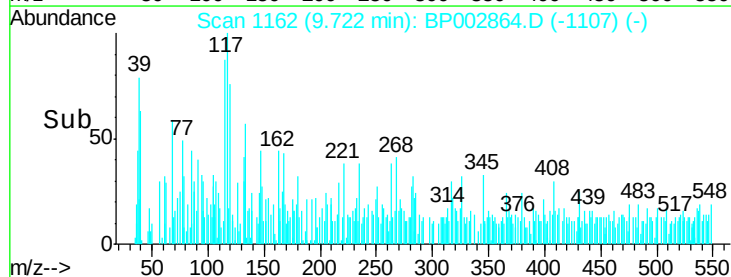
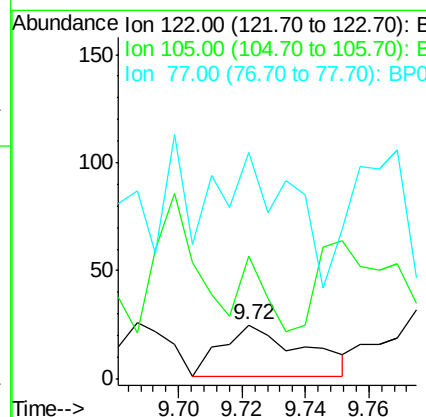
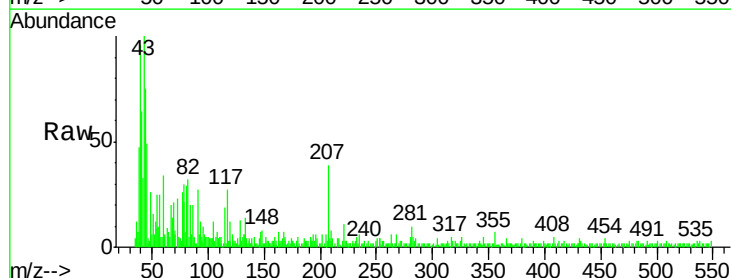
Instrument :
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 CRT-009

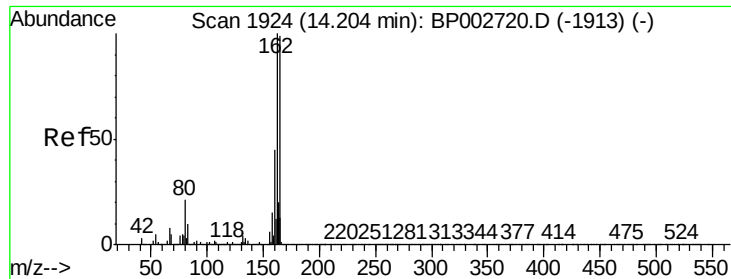
Tot Ion	82	Resp	213479
Ion Ratio	Lower	Upper	
82	100		
128	39.5	32.6	49.0
54	48.7	38.9	58.3



#32
 Benzoic acid
 Concen: 7.091 ng
 RT: 9.72 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BP002864.D
 Acq: 24 Jul 2020 21:05

Tgt Ion	122	Resp	43
Ion Ratio	Lower	Upper	
122	100		
105	228.0	101.9	141.9#
77	420.0	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: BP002864.D

Acq: 24 Jul 2020 21:05

Instrument :

BNA_P

ClientSampleId :

CRT-009

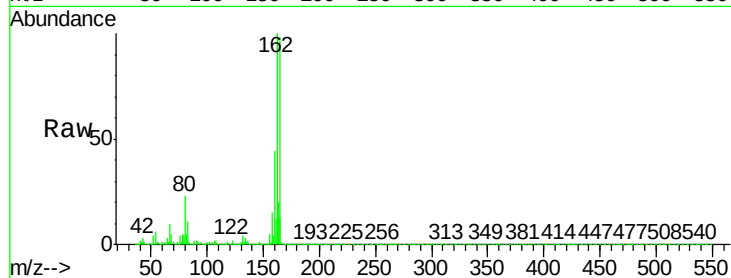
Tot Ion:164 Resp: 70718

Ion Ratio Lower Upper

164 100

162 102.2 78.4 117.6

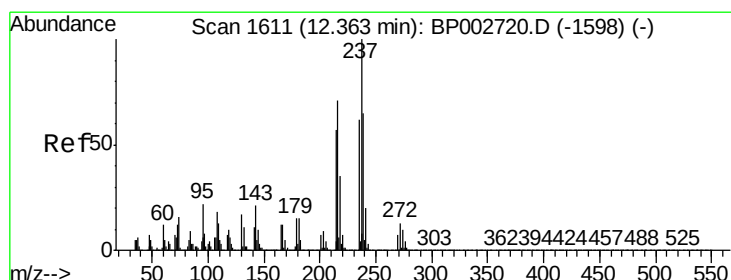
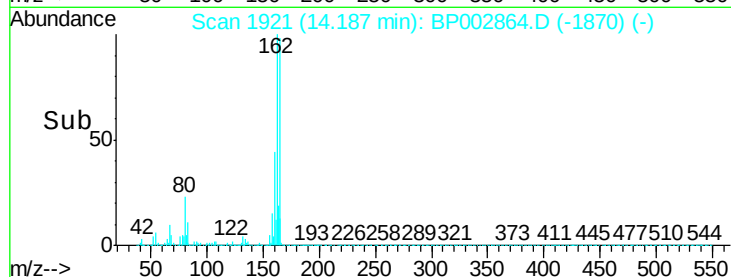
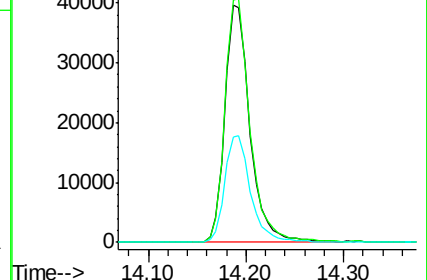
160 44.5 36.1 54.1



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: 7.442 ng

RT: 12.32 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BP002864.D

Acq: 24 Jul 2020 21:05

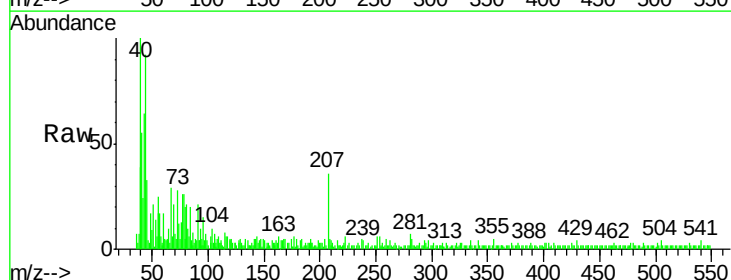
Tgt Ion:237 Resp: 8

Ion Ratio Lower Upper

237 100

235 45.5 40.9 80.9

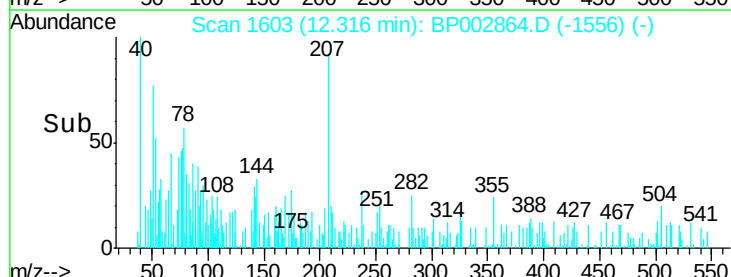
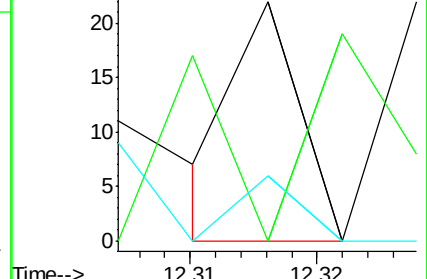
272 27.3 0.0 32.1

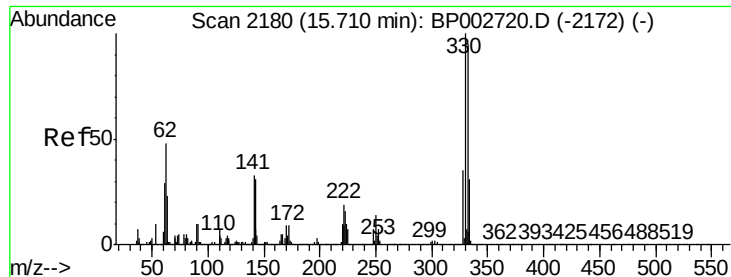


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

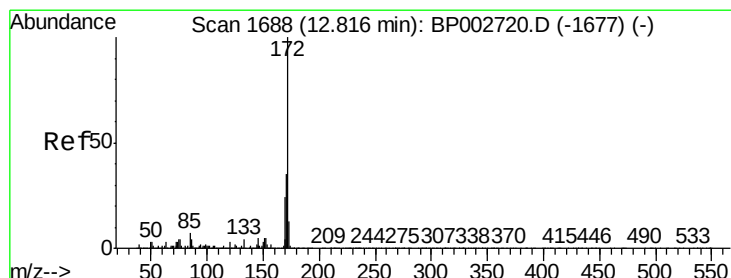
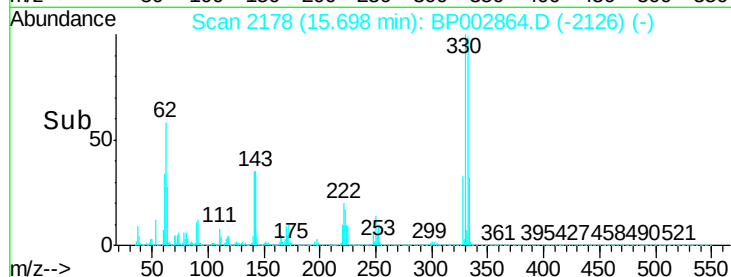
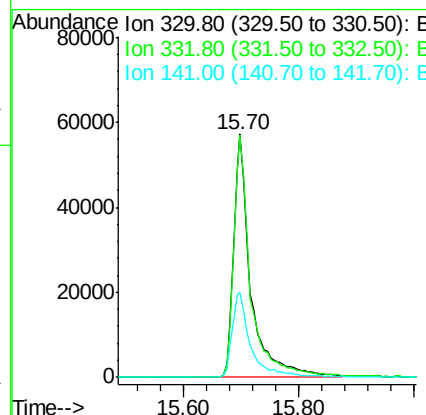
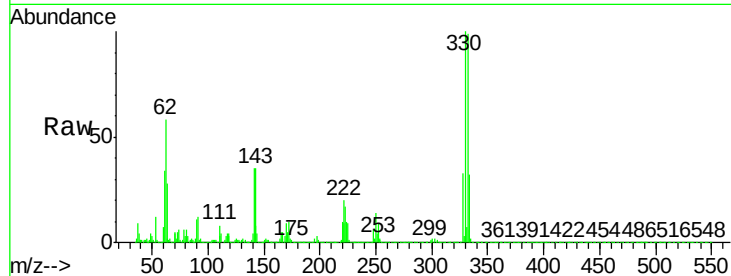




#42
 2,4,6-Tribromophenol
 Concen: 159.218 ng
 RT: 15.70 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: BP002864.D
 Acq: 24 Jul 2020 21:05

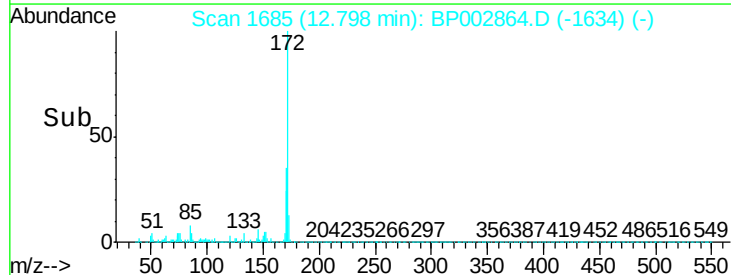
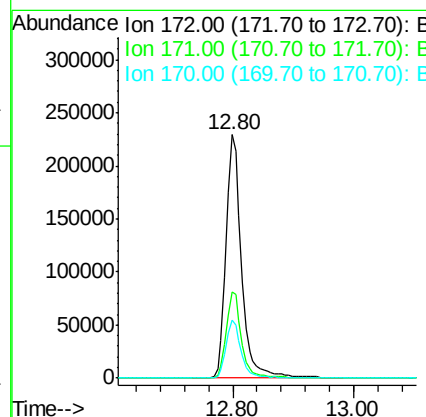
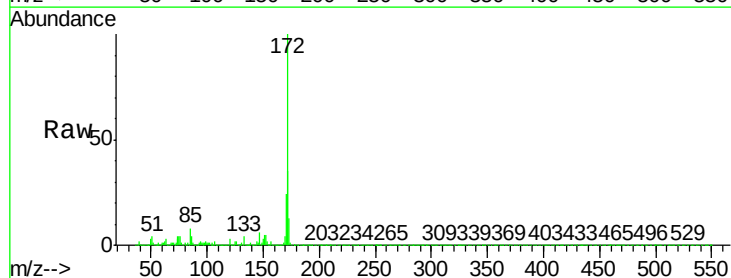
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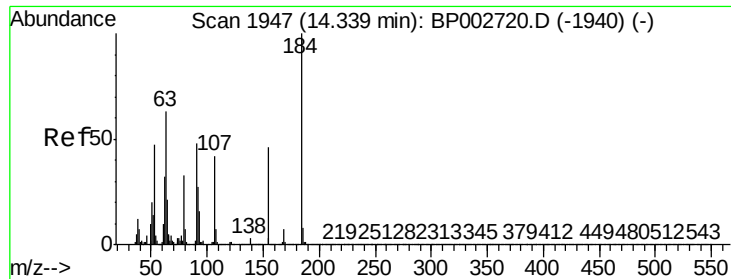
Tot Ion:330 Resp: 117532
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.6 116.4
 141 37.9 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 89.486 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BP002864.D
 Acq: 24 Jul 2020 21:05

Tgt Ion:172 Resp: 409072
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.0 40.4
 170 23.7 19.4 29.2

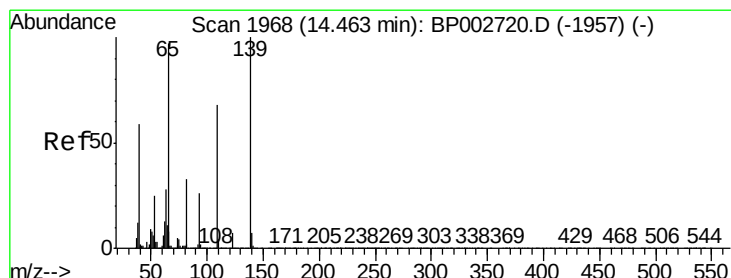
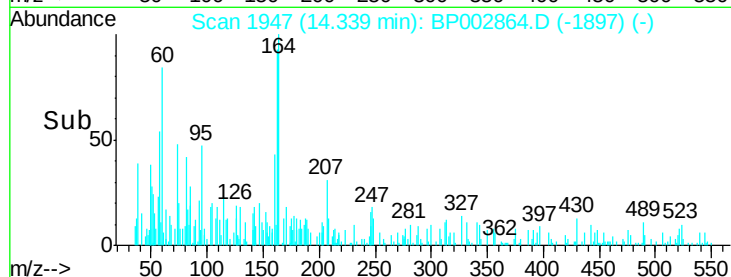
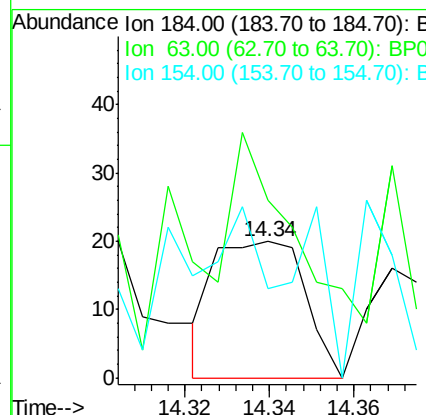
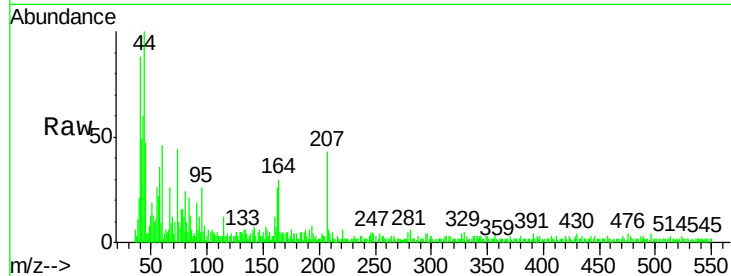




#54
2,4-Dinitrophenol
Concen: 11.414 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP002864.D
Acq: 24 Jul 2020 21:05

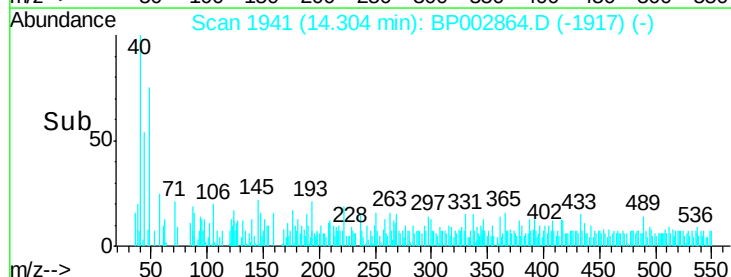
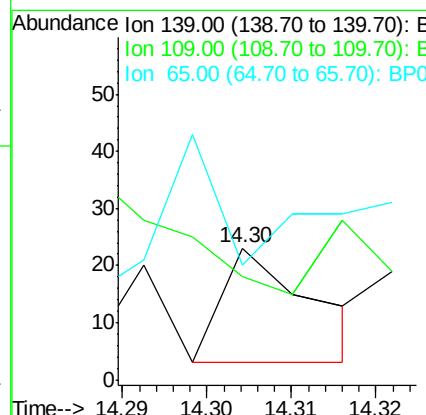
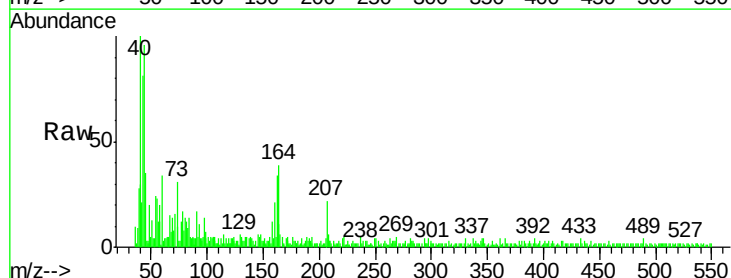
Instrument :
BNA_P
ClientSampleId :
CRT-009

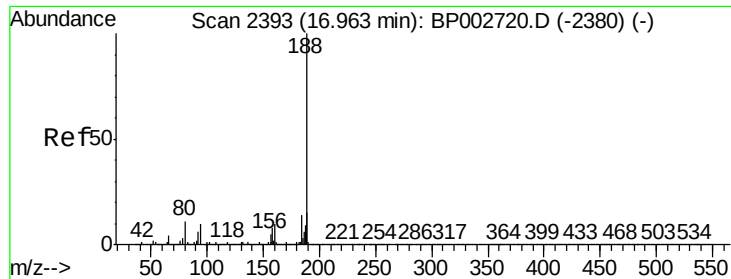
Tot Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 130.0 55.4 83.0#
154 65.0 47.5 71.3



#56
4-Nitrophenol
Concen: 4.985 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.16 min
Lab File: BP002864.D
Acq: 24 Jul 2020 21:05

Tgt Ion:139 Resp: 15
Ion Ratio Lower Upper
139 100
109 78.3 55.2 95.2
65 87.0 84.7 124.7

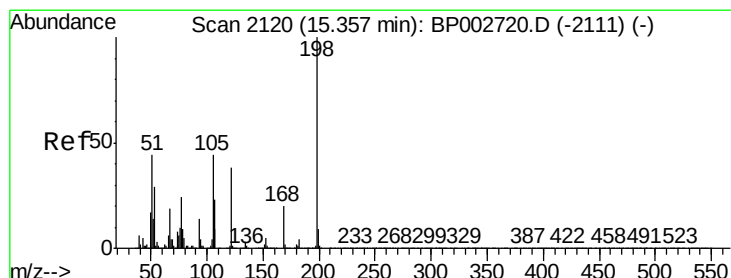
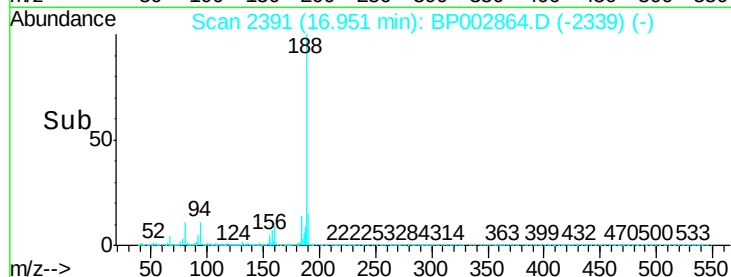
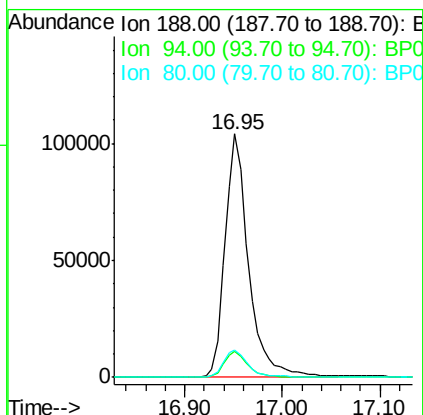
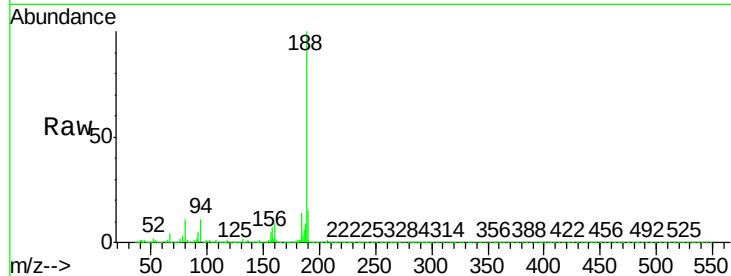




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BP002864.D
Acq: 24 Jul 2020 21:05

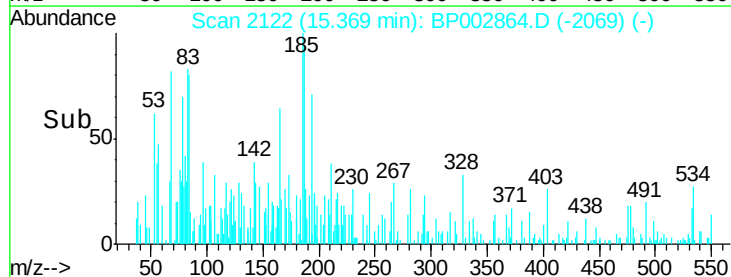
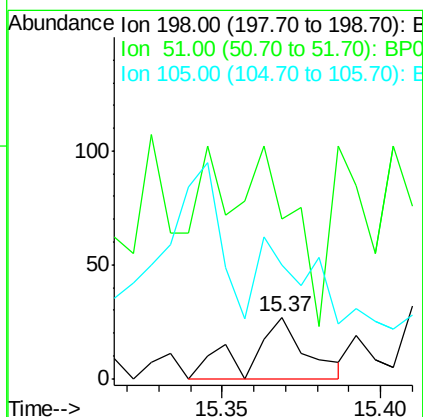
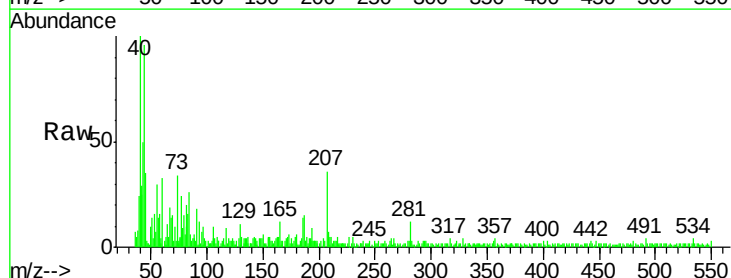
Instrument :
BNA_P
ClientSampleId :
CRT-009

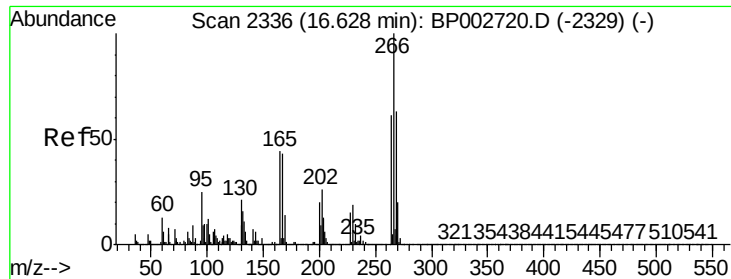
Tot Ion:188 Resp: 174994
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.295 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002864.D
Acq: 24 Jul 2020 21:05

Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 259.3 25.1 65.1#
105 185.2 24.6 64.6#





#70

Pentachlorophenol

Concen: 7.458 ng

RT: 16.82 min Scan# 2369

Delta R.T. 0.20 min

Lab File: BP002864.D

Acq: 24 Jul 2020 21:05

Instrument :

BNA_P

ClientSampled :

CRT-009

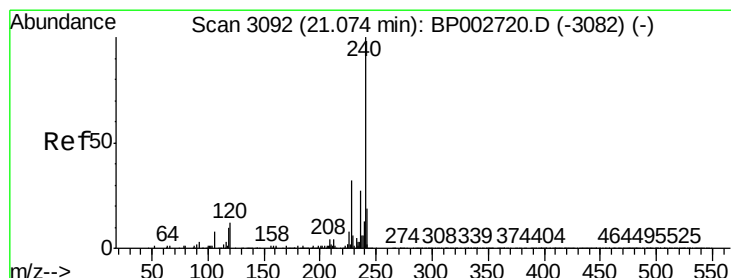
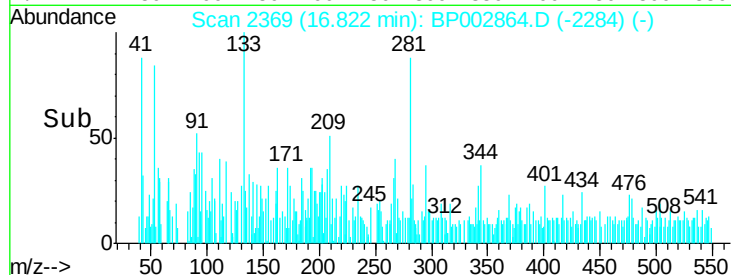
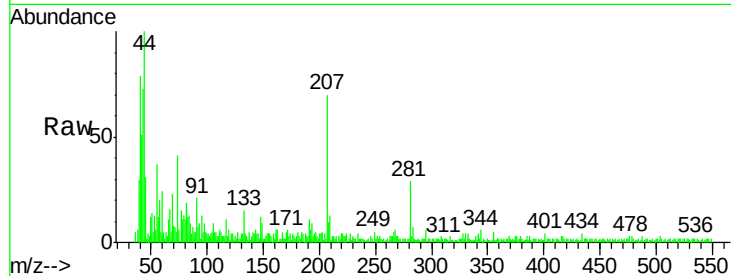
Tot Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 65.2 51.2 76.8

264 65.2 50.2 75.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BP002864.D

Acq: 24 Jul 2020 21:05

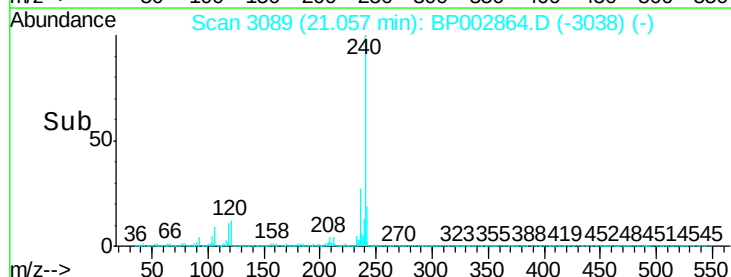
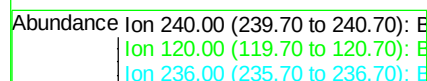
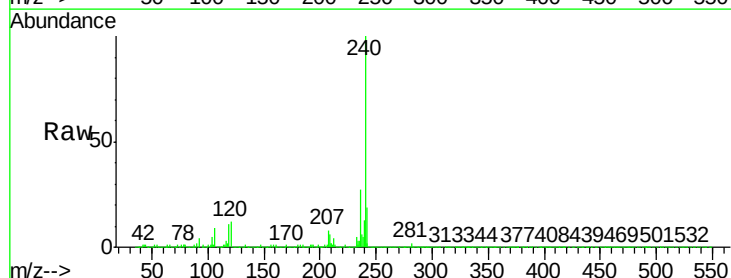
Tgt Ion:240 Resp: 242040

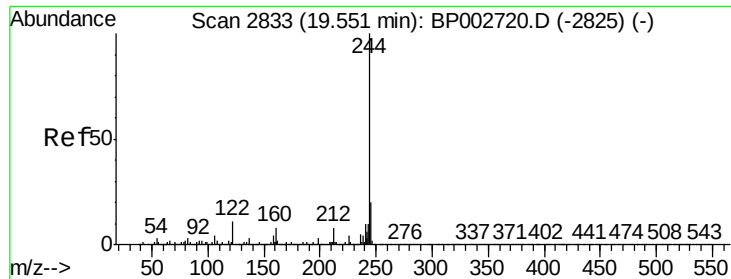
Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 27.0 20.3 30.5





#79

Terphenyl-d14

Concen: 87.882 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002864.D

Acq: 24 Jul 2020 21:05

Instrument :

BNA_P

ClientSampleId :

CRT-009

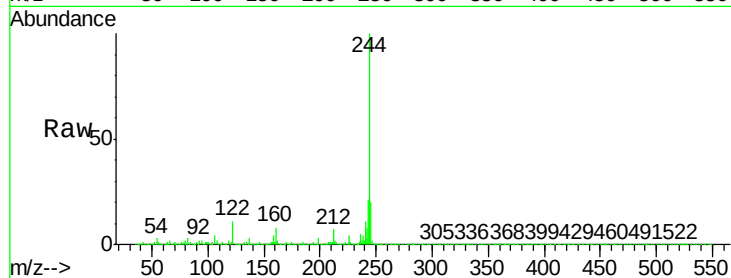
Tot Ion:244 Resp: 927765

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

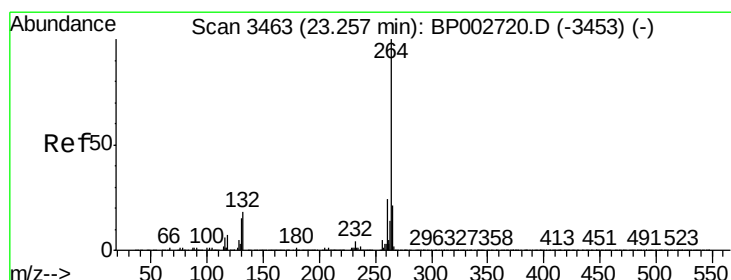
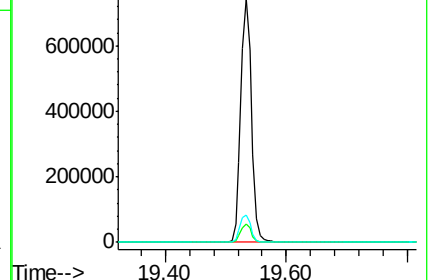
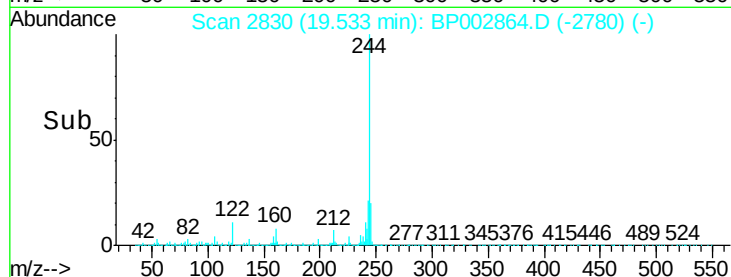
122 11.1 7.9 11.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BP002864.D

Acq: 24 Jul 2020 21:05

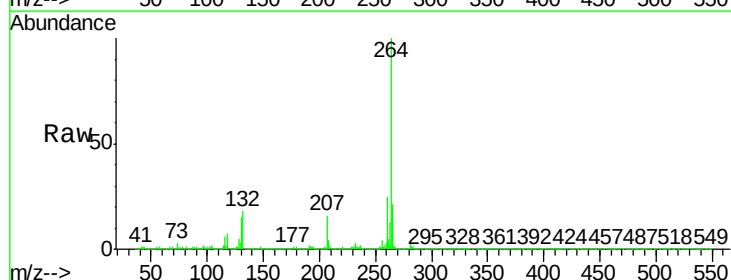
Tgt Ion:264 Resp: 314122

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.1 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

