

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 25 00:22:22 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

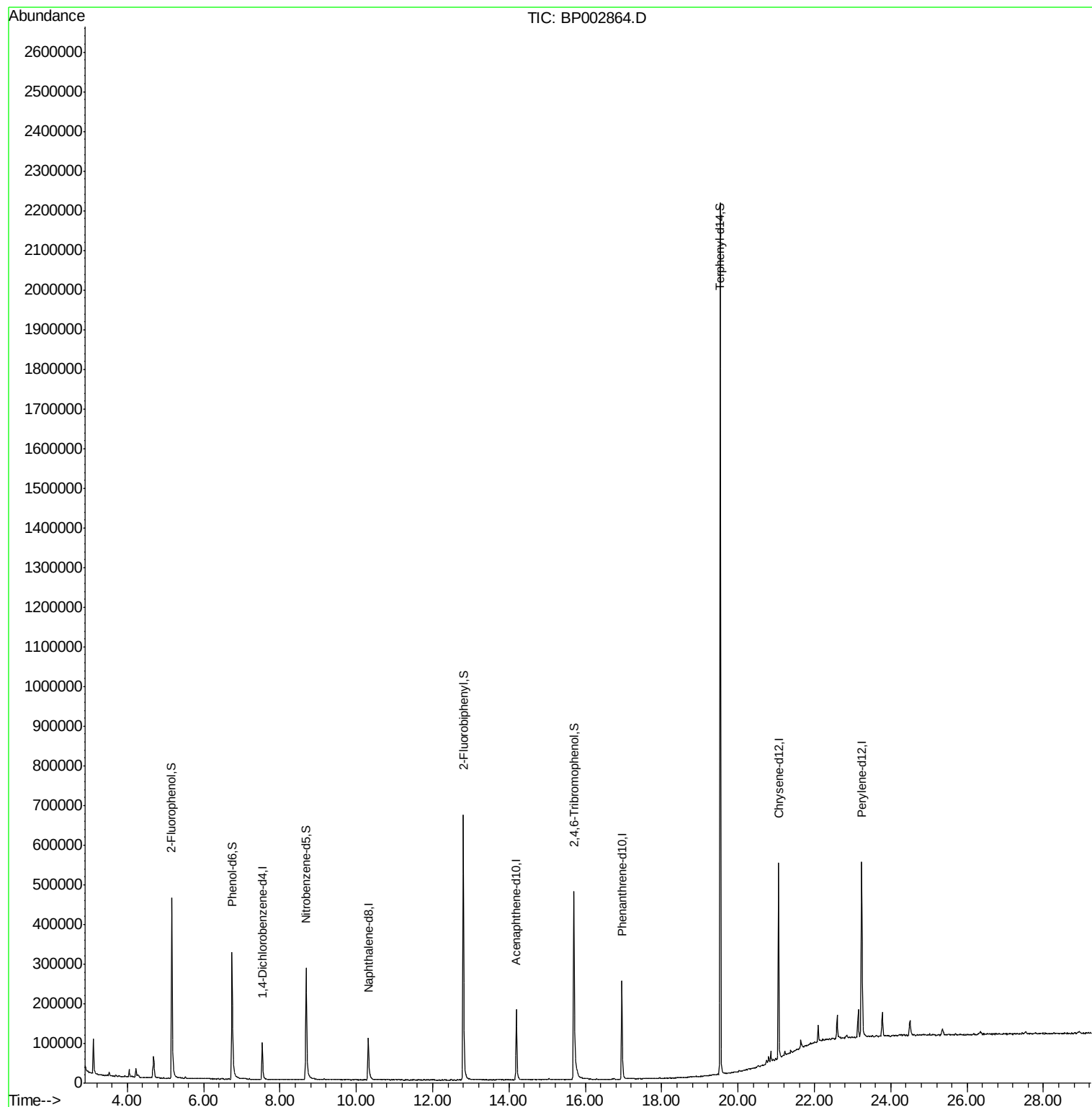
Target Compounds	Qvalue
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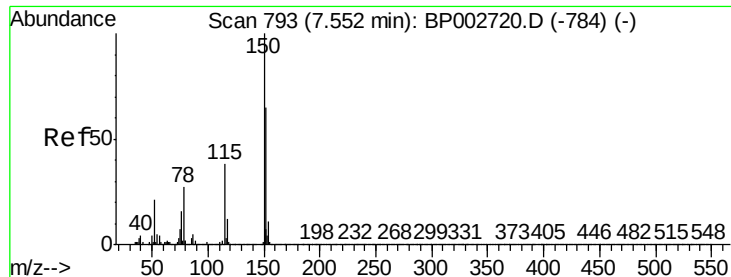
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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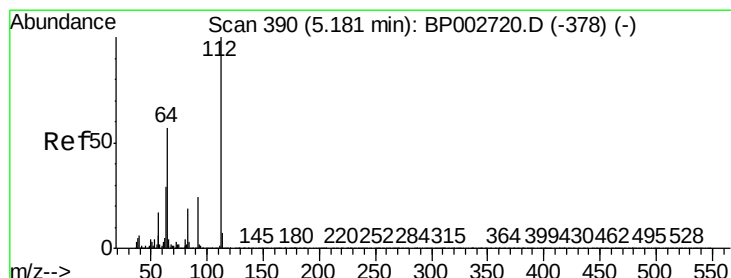
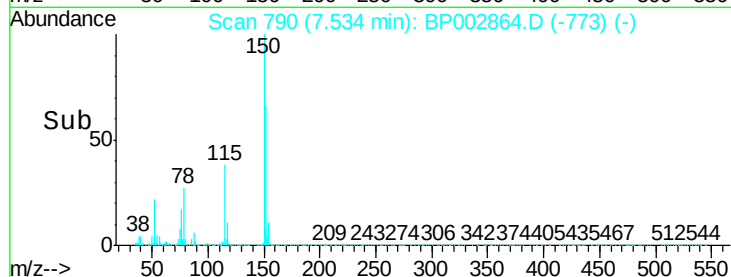
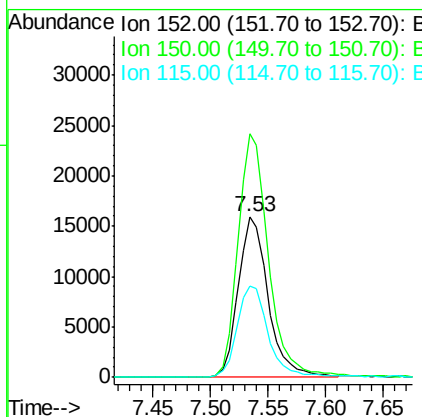
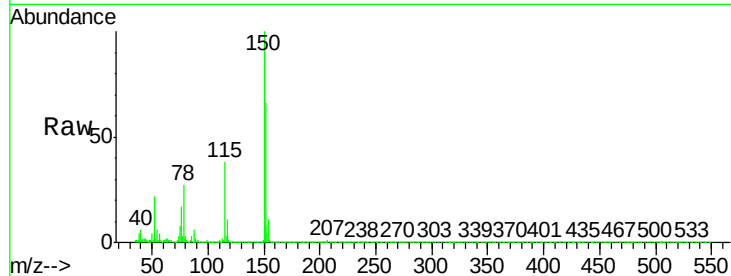




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.53 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BP002864.D
 Acq: 24 Jul 2020 21:05

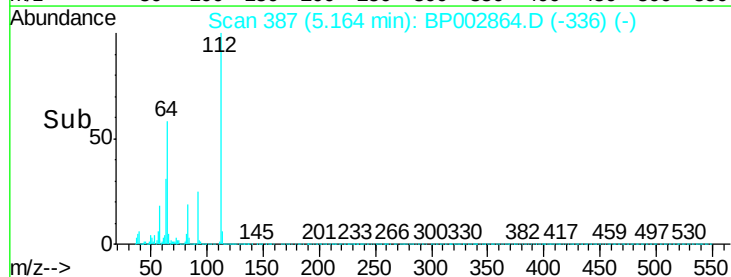
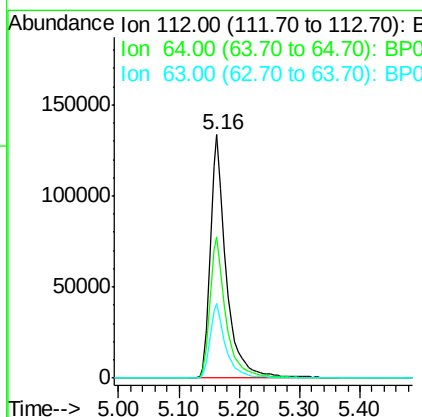
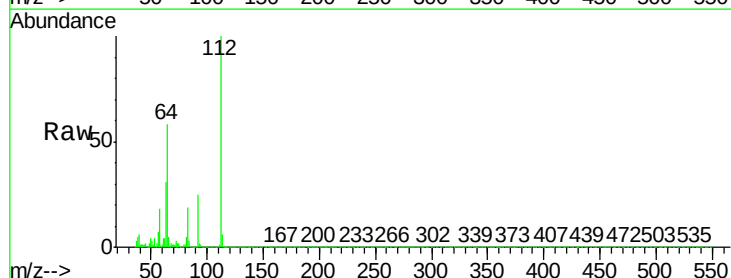
Instrument :
 BNA_P
 ClientSampleId :
 CRT-009

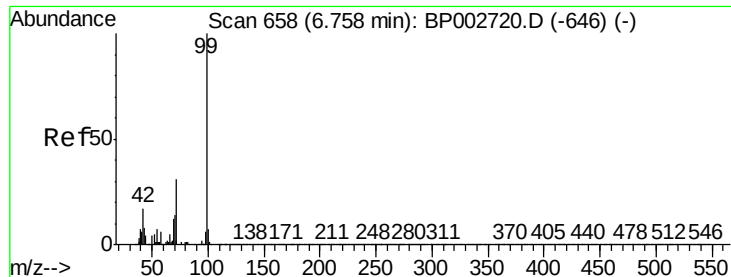
Tot Ion:152 Resp: 28704
 Ion Ratio Lower Upper
 152 100
 150 151.5 122.5 183.7
 115 57.2 48.5 72.7



#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

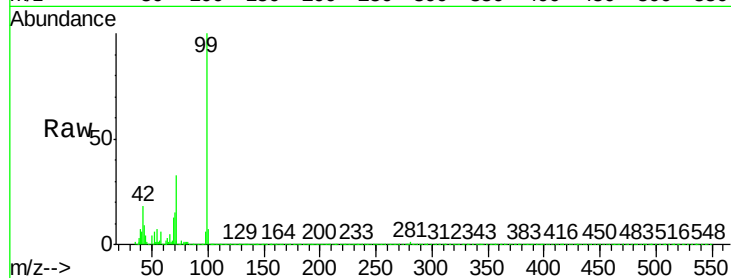
Tot Ion: 99 Resp: 267258

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.4

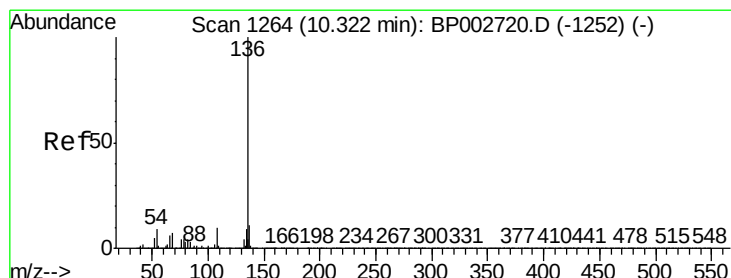
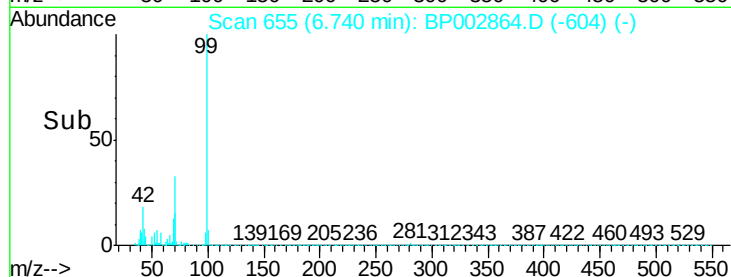
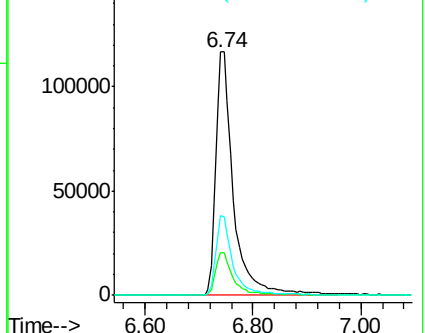
71 32.7 26.1 39.1



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

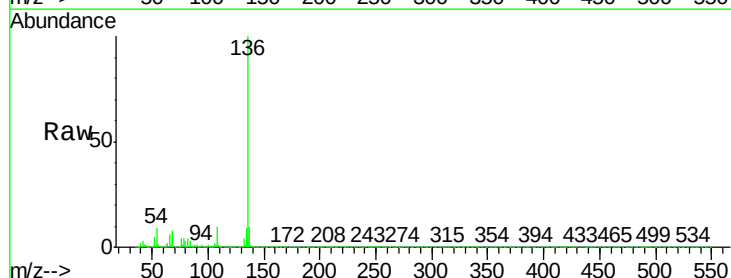
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.6 7.3 10.9

68 7.6 5.7 8.5

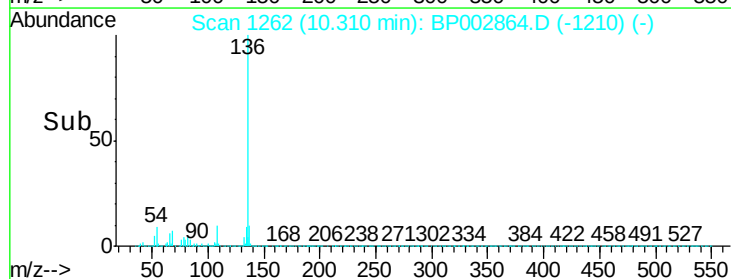
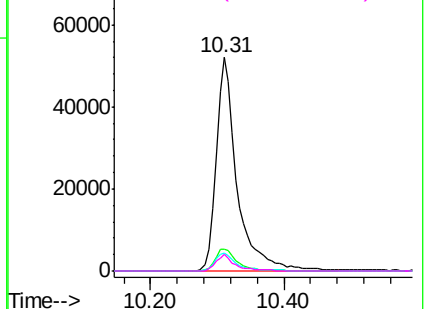


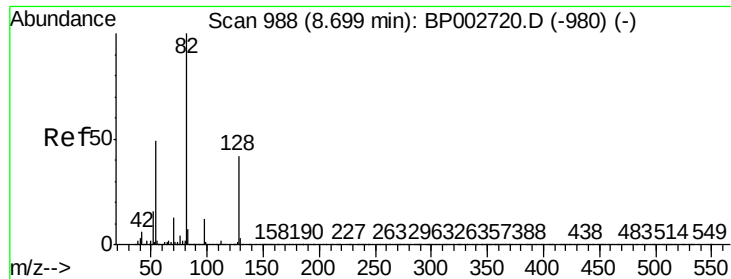
Abundance Ion 136.00 (135.70 to 136.70): E

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

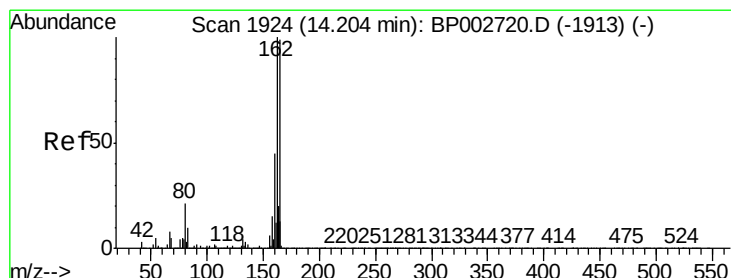
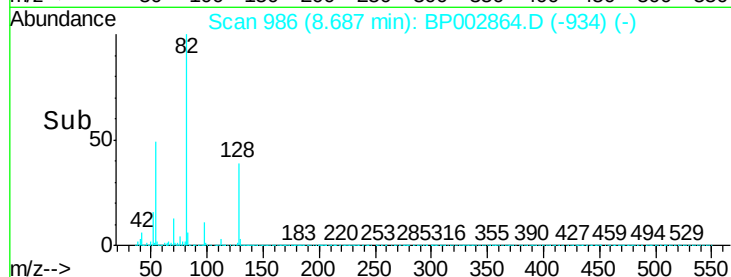
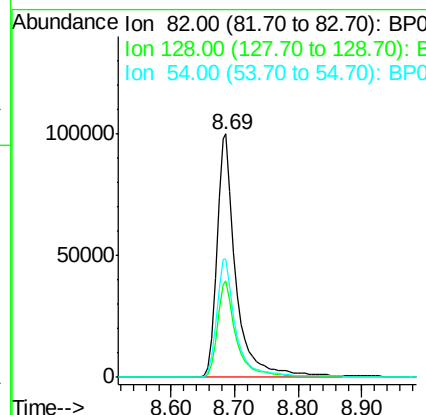
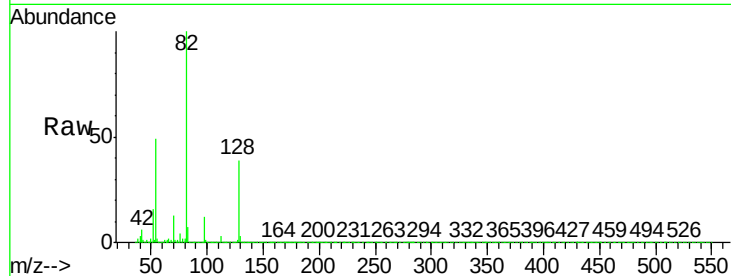




#23
Nitrobenzene-d5
Concen: 99.807 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.01 min
Lab File: BP002864.D
Acq: 24 Jul 2020 21:05

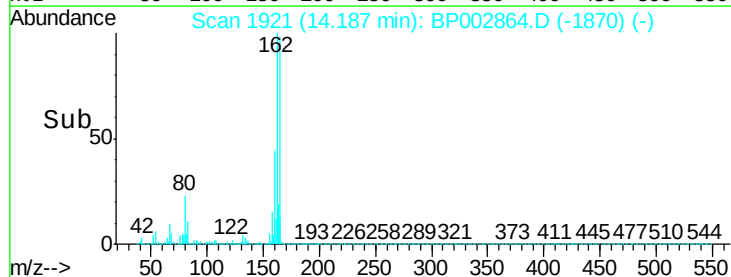
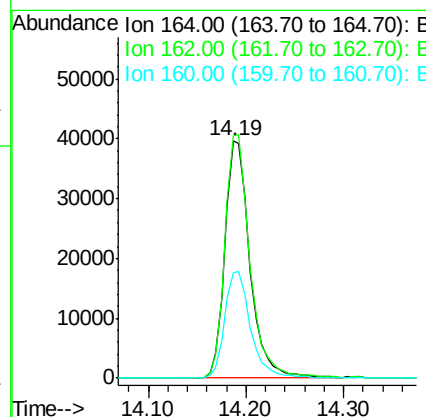
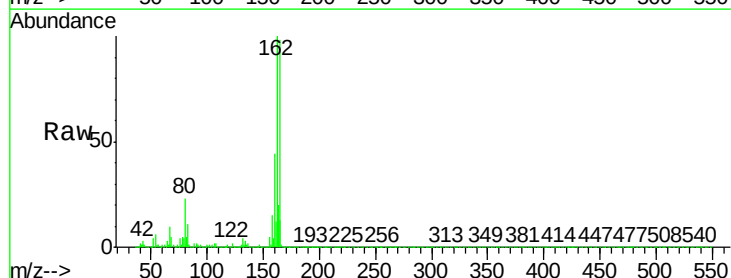
Instrument :
BNA_P
ClientSampleId :
CRT-009

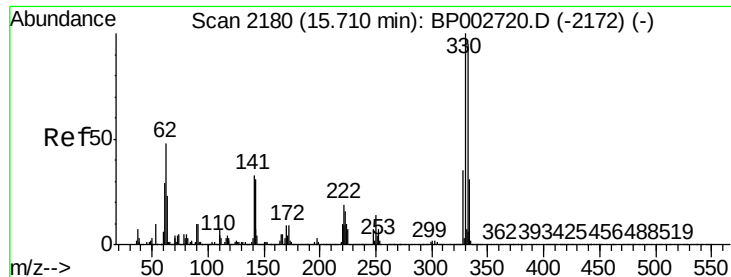
Tot Ion	82	Resp	213479
Ion Ratio	Lower	Upper	
82	100		
128	39.5	32.6	49.0
54	48.7	38.9	58.3



#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

Tgt Ion	164	Resp	70718
Ion Ratio	Lower	Upper	
164	100		
162	102.2	78.4	117.6
160	44.5	36.1	54.1





#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

Instrument :

BNA_P

ClientSampleId :

CRT-009

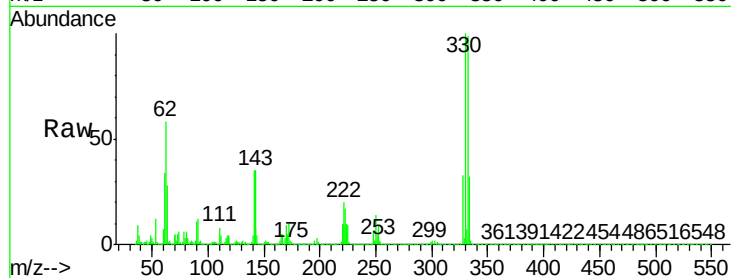
Tot Ion:330 Resp: 117532

Ion Ratio Lower Upper

330 100

332 99.1 77.6 116.4

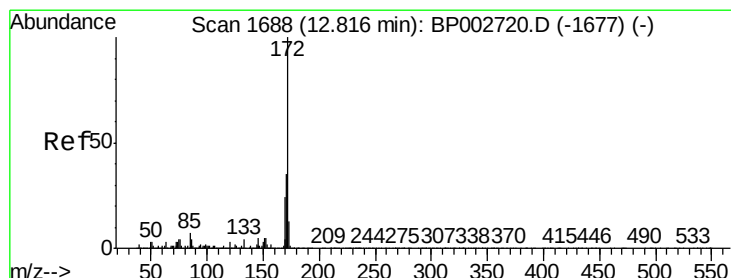
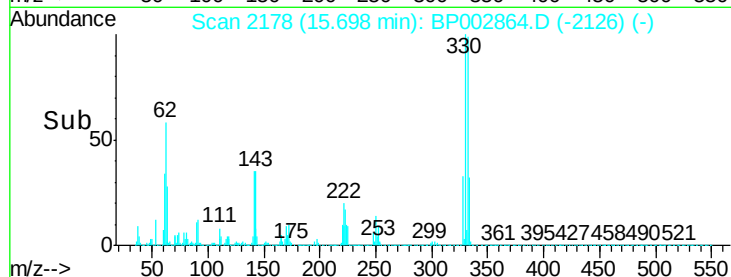
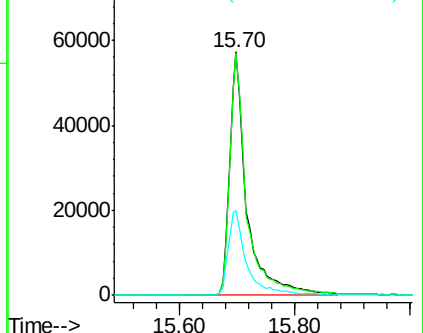
141 37.9 29.0 43.6



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: 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

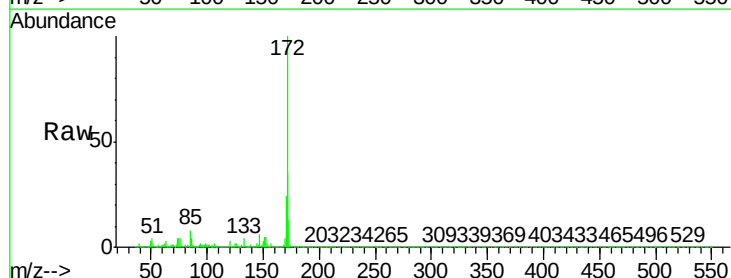
Tgt Ion:172 Resp: 409072

Ion Ratio Lower Upper

172 100

171 35.2 27.0 40.4

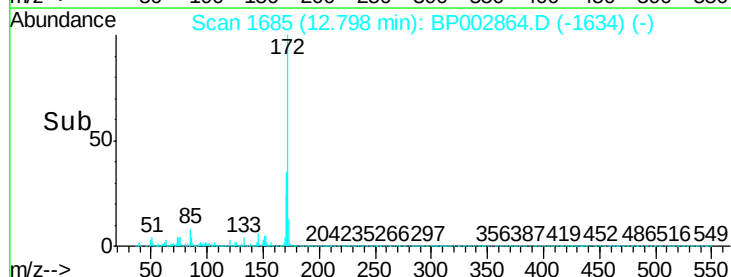
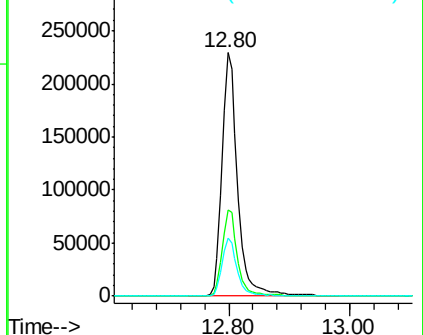
170 23.7 19.4 29.2

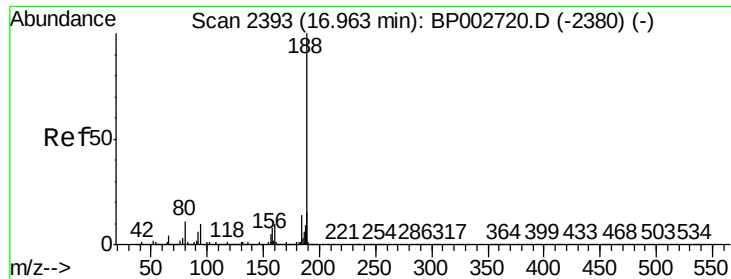


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#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

ClientSampled :

CRT-009

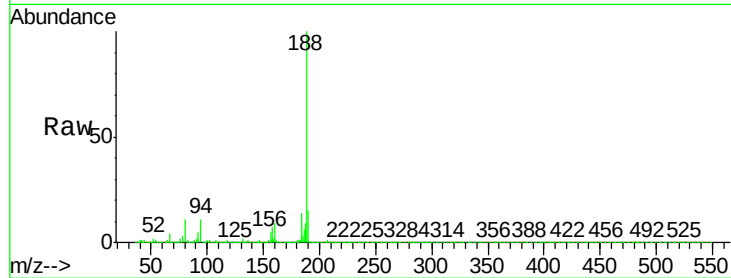
Tot Ion:188 Resp: 174994

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

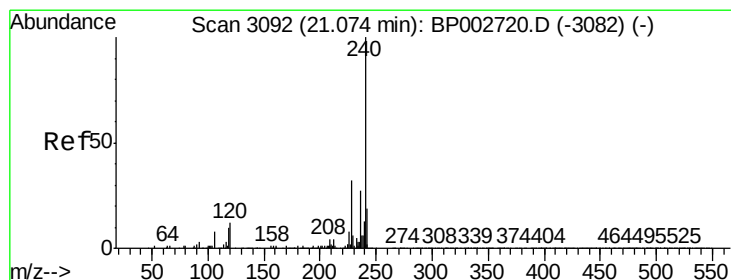
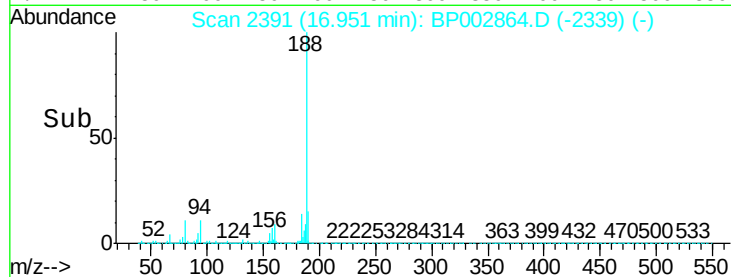
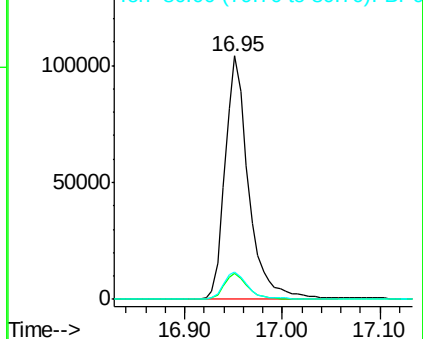
80 11.2 9.0 13.4



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



#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

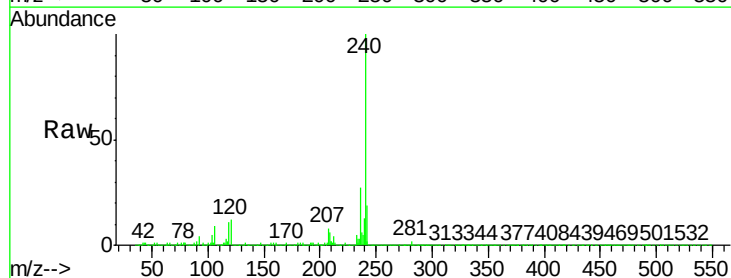
Tgt Ion:240 Resp: 242040

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

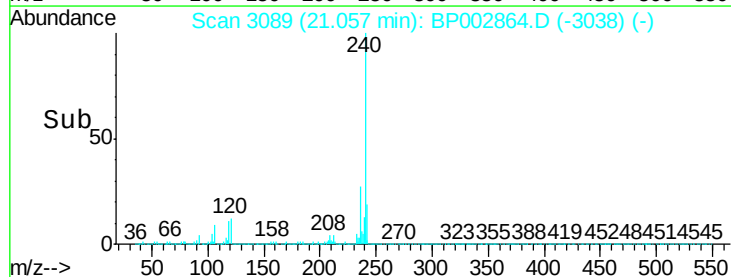
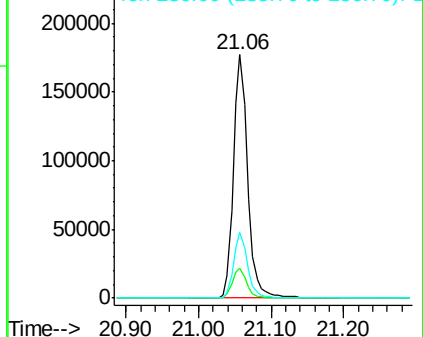
236 27.0 20.3 30.5

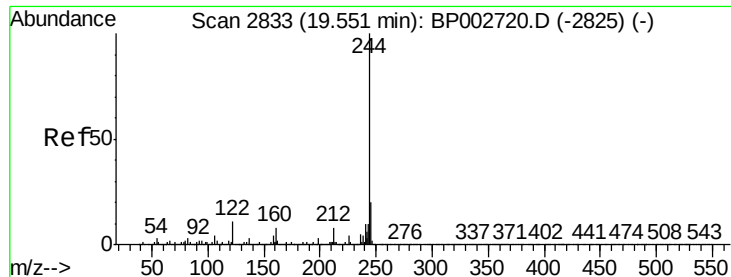


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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

ClientSampled :

CRT-009

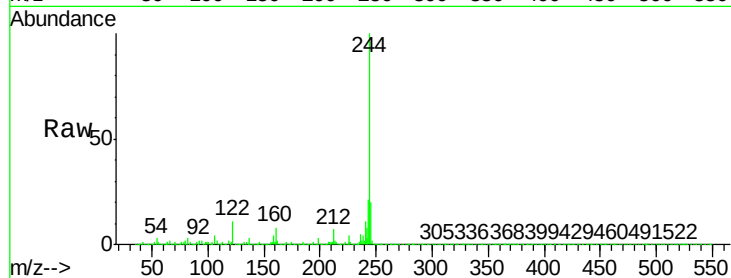
Tot Ion:244 Resp: 927765

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

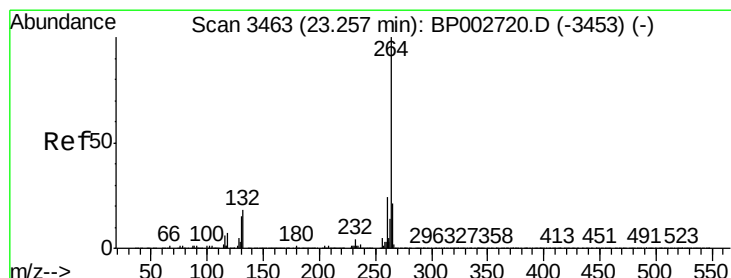
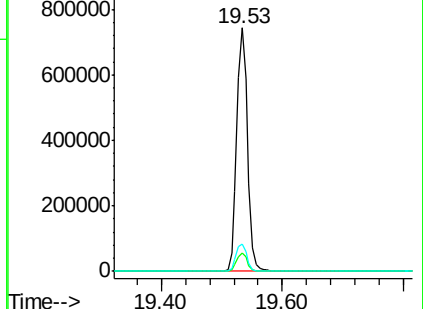
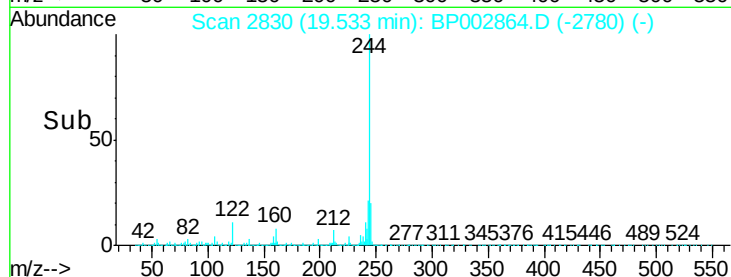
122 11.1 7.9 11.9



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

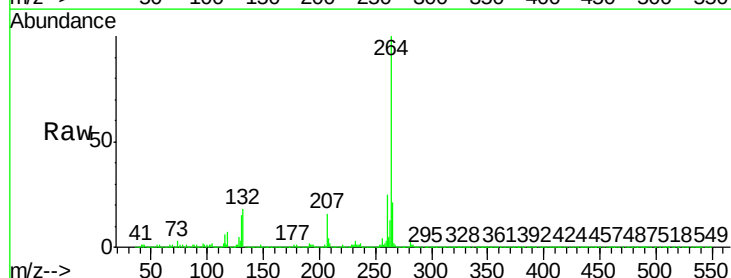
Tgt Ion:264 Resp: 314122

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

