

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002863.D
 Acq On : 24 Jul 2020 20:31
 Operator : CG/JU
 Sample : L3383-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-018

Quant Time: Jul 25 00:20:08 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	32702	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	127037	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	80973	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	201609	20.00	ng	0.00
76) Chrysene-d12	21.06	240	289971	20.00	ng	0.00
86) Perylene-d12	23.23	264	354716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	279347	144.12	ng	0.00
7) Phenol-d6	6.74	99	315789	114.16	ng	0.00
23) Nitrobenzene-d5	8.68	82	243052	102.33	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	142655	168.78	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	464501	88.74	ng	0.00
79) Terphenyl-d14	19.53	244	1099962	86.97	ng	0.00

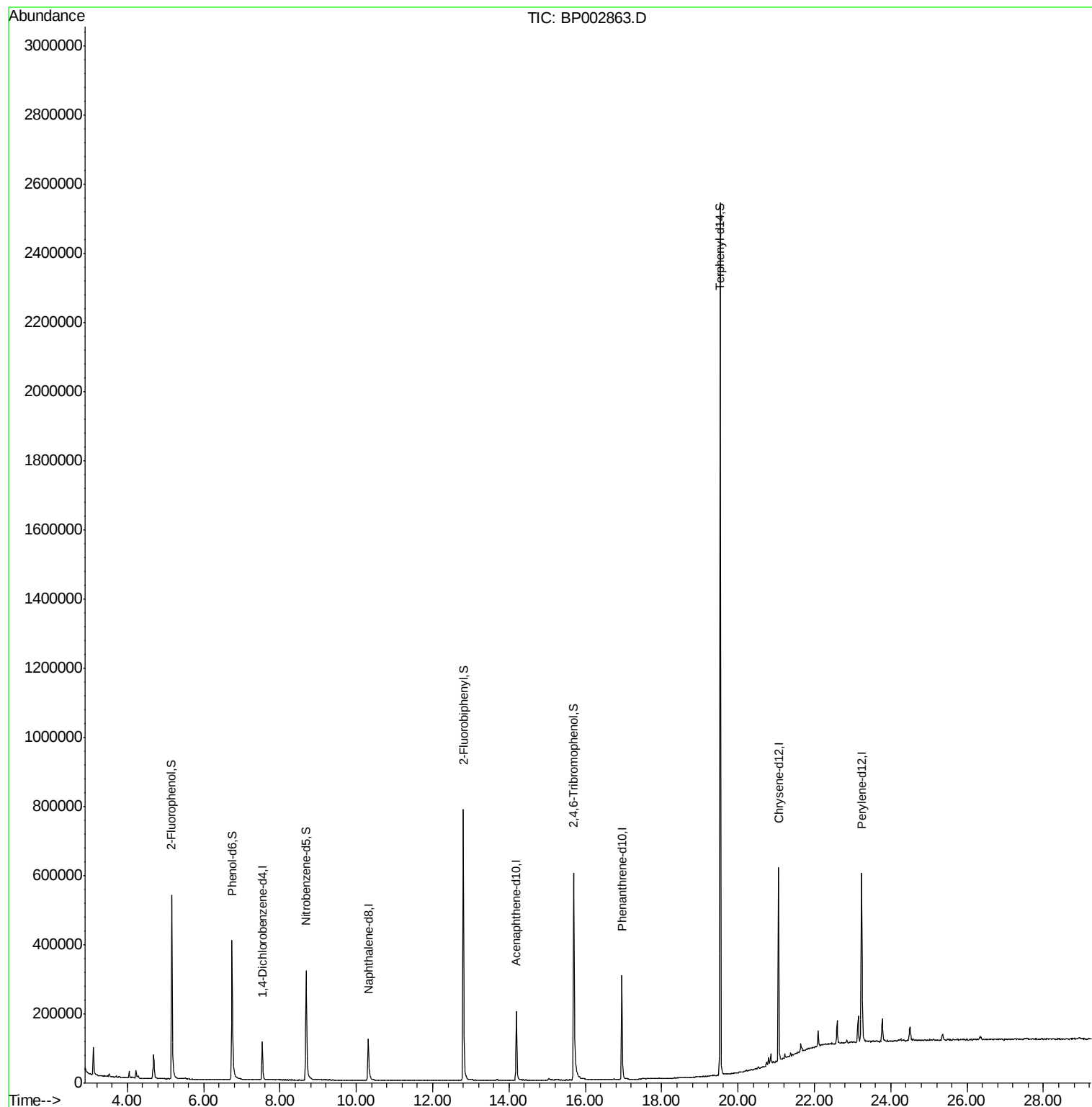
Target Compounds Qvalue

(#) = 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: BP002863.D

Acq: 24 Jul 2020 20:31

Instrument :

BNA_P

ClientSampleId :

CRT-018

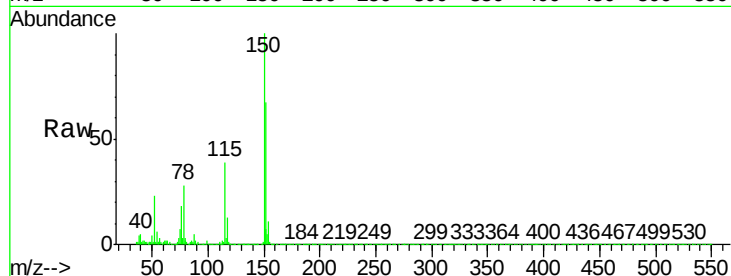
Tot Ion:152 Resp: 32702

Ion Ratio Lower Upper

152 100

150 149.5 122.5 183.7

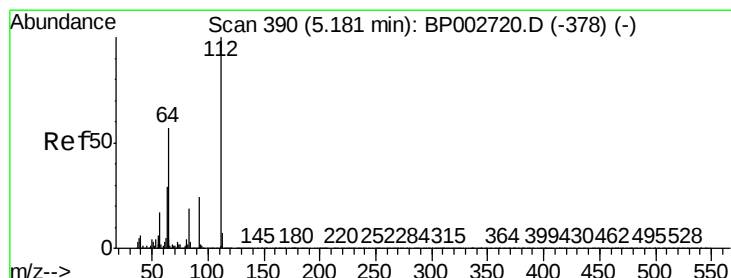
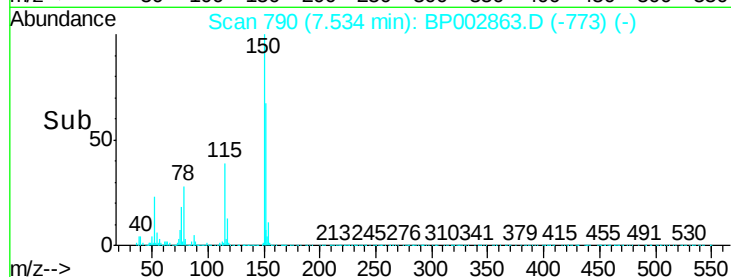
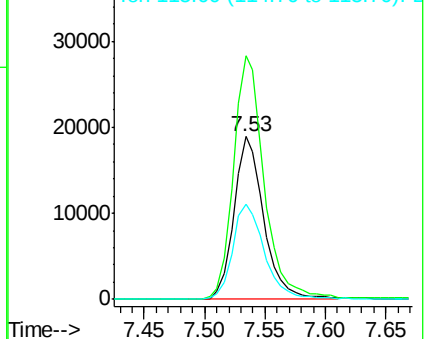
115 58.5 48.5 72.7



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: 144.123 ng

RT: 5.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

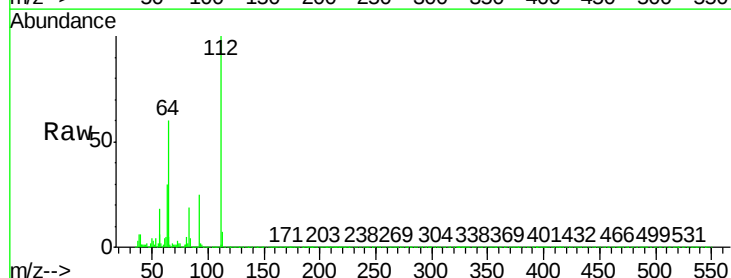
Tgt Ion:112 Resp: 279347

Ion Ratio Lower Upper

112 100

64 60.1 48.1 72.1

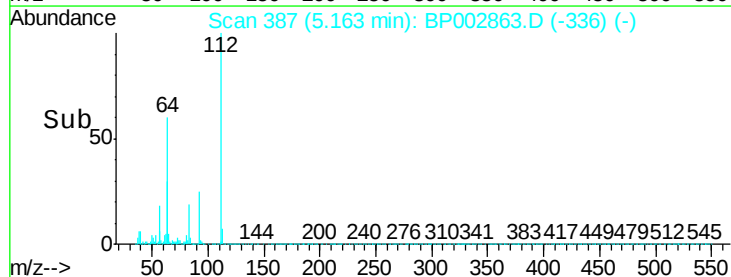
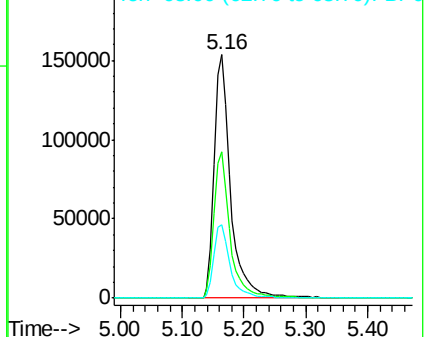
63 30.4 24.9 37.3

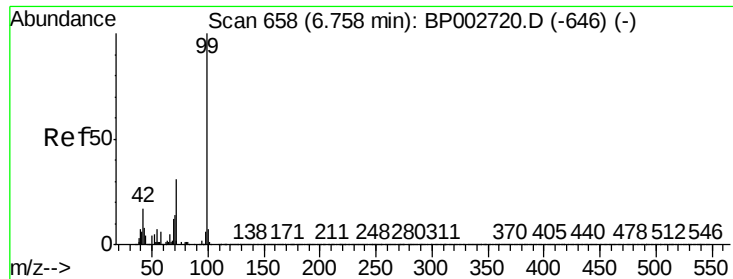


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 114.159 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Instrument :

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ClientSampleId :

CRT-018

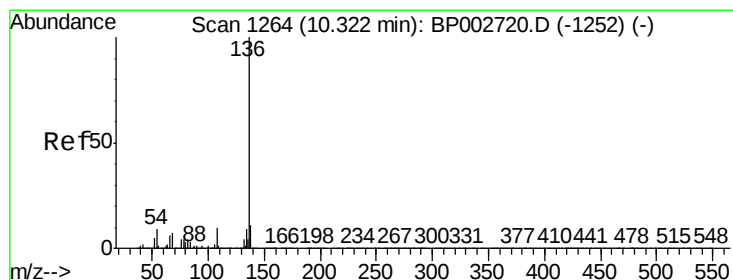
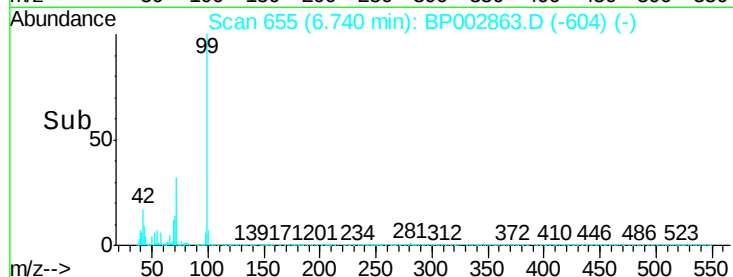
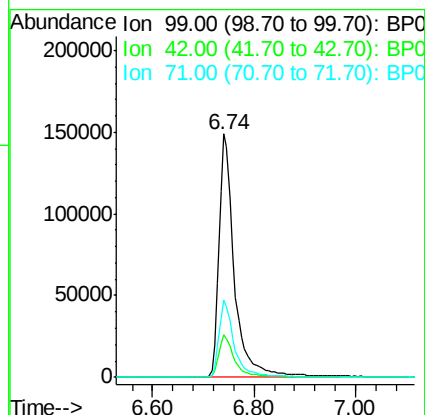
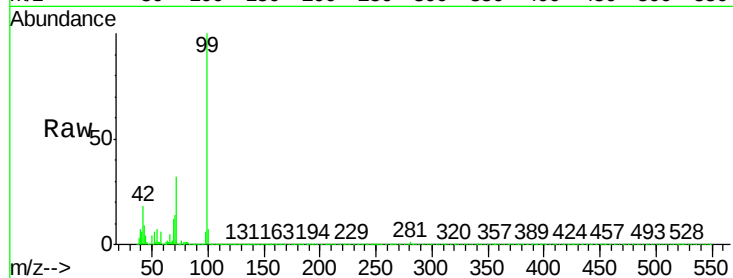
Tot Ion: 99 Resp: 315789

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.4

71 31.7 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Tgt Ion: 136 Resp: 127037

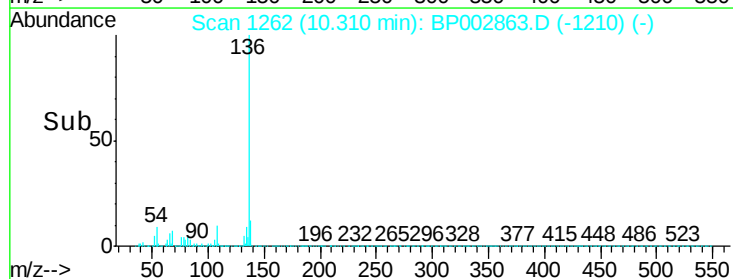
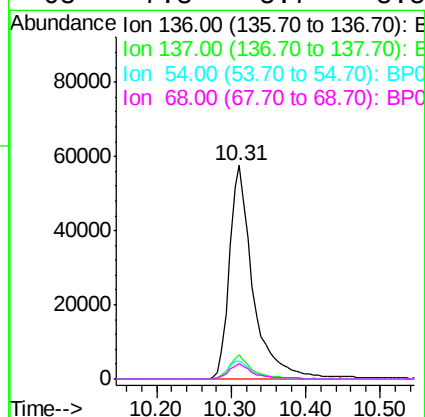
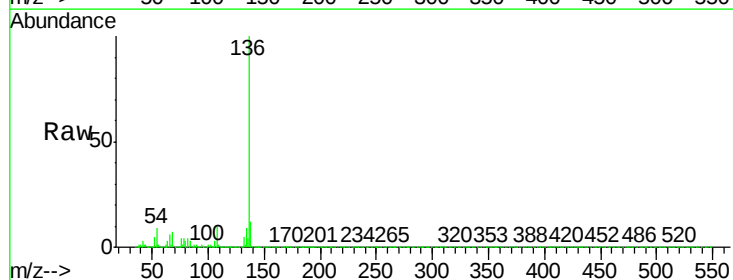
Ion Ratio Lower Upper

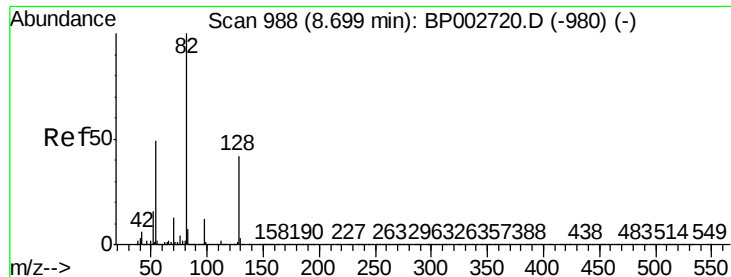
136 100

137 11.5 8.8 13.2

54 8.6 7.3 10.9

68 7.3 5.7 8.5

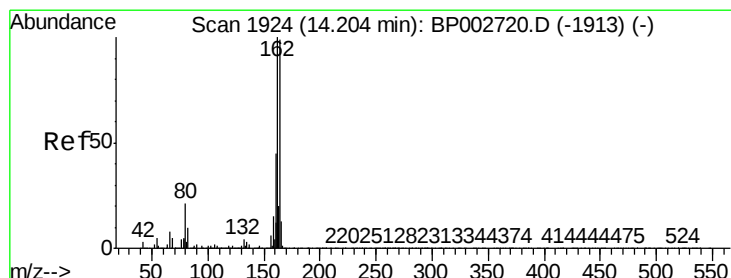
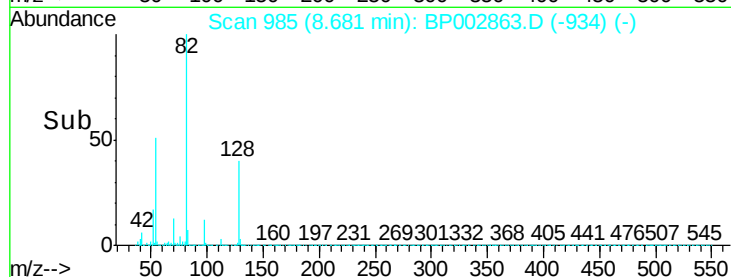
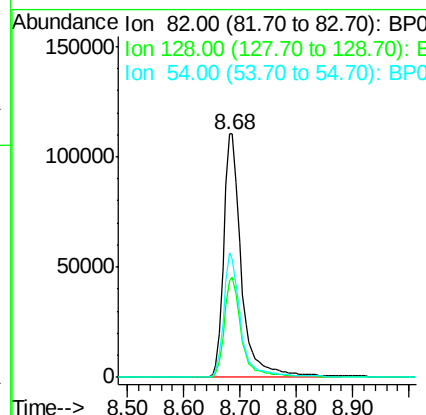
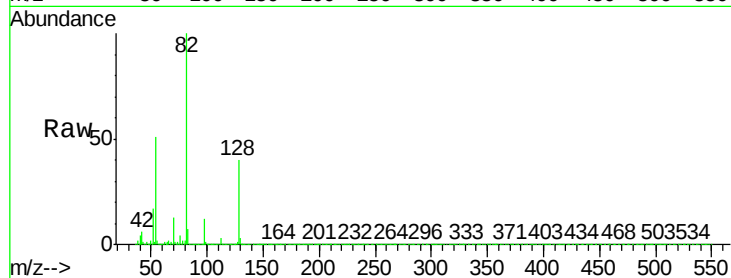




#23
 Nitrobenzene-d5
 Concen: 102.327 ng
 RT: 8.68 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

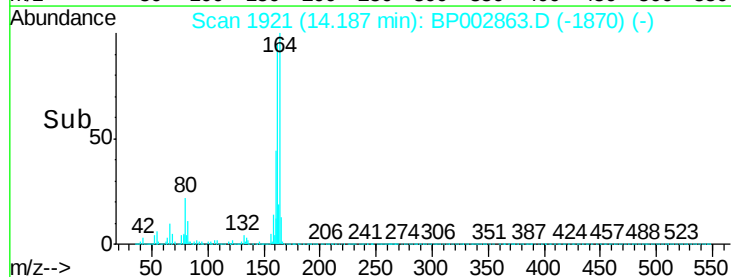
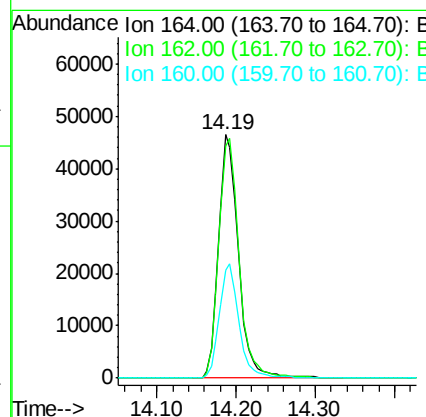
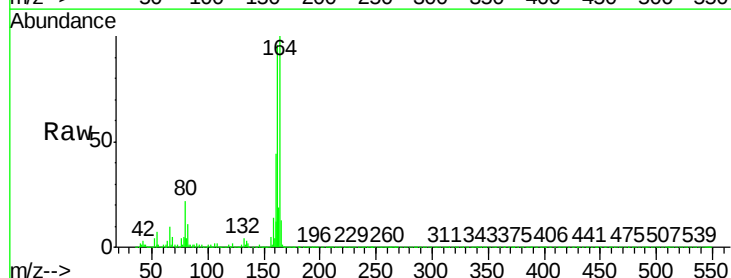
Instrument :
 BNA_P
 ClientSampleId :
 CRT-018

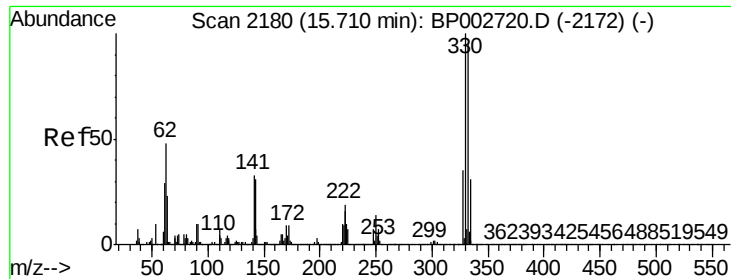
Tot Ion	82	Resp	243052
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.6	49.0
54	51.1	38.9	58.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

Tgt Ion	164	Resp	80973
Ion Ratio	Lower	Upper	
164	100		
162	95.5	78.4	117.6
160	44.1	36.1	54.1

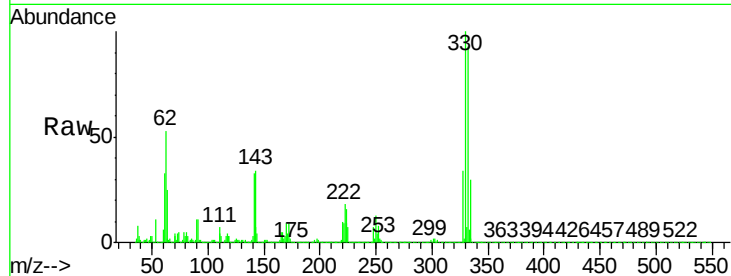




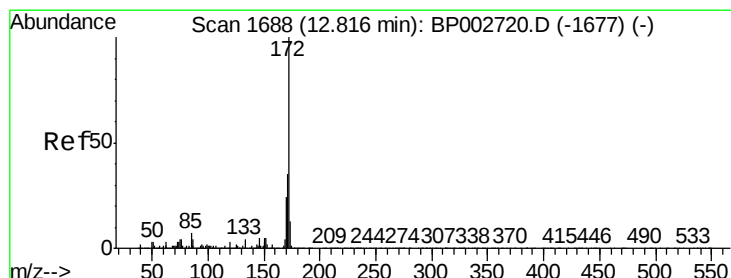
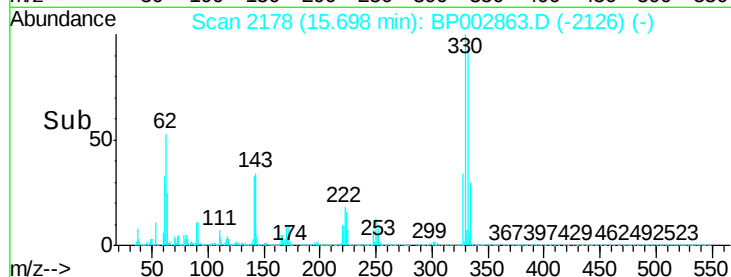
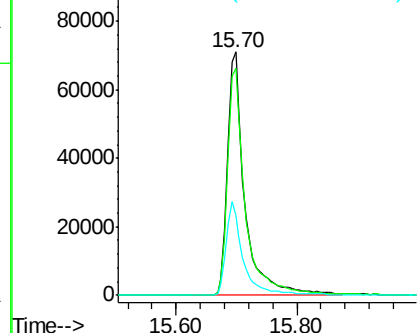
#42
 2,4,6-Tribromophenol
 Concen: 168.777 ng
 RT: 15.70 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

Instrument :
 BNA_P
 ClientSampleId :
 CRT-018

Tot Ion:330 Resp: 142655
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 37.4 29.0 43.6

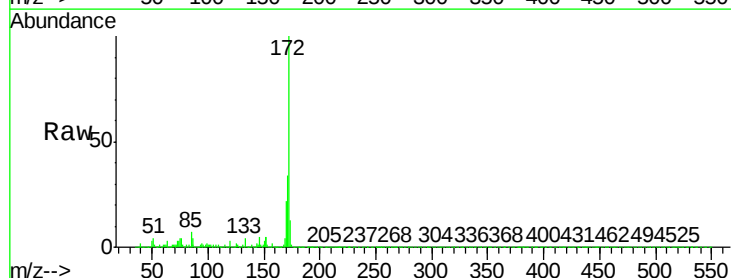


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

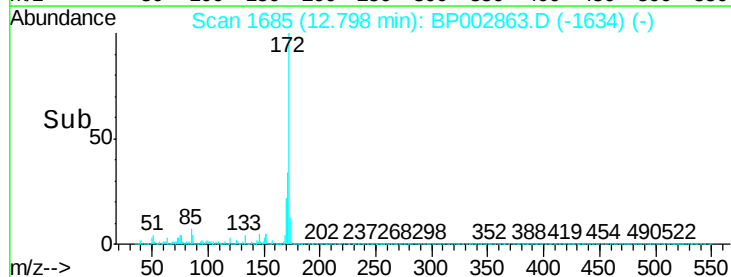
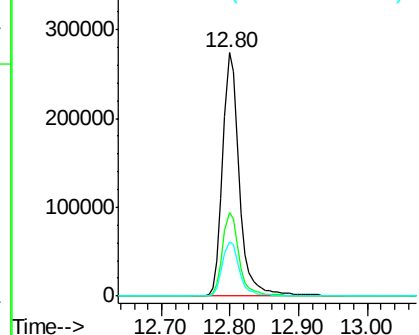


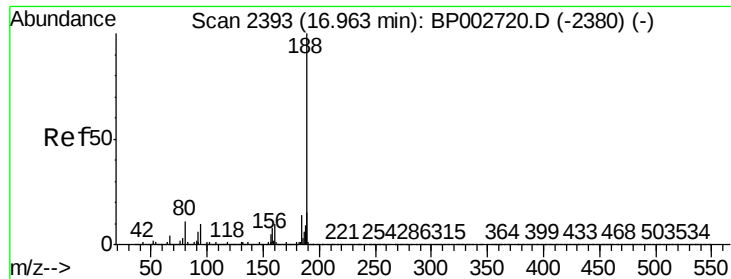
#45
 2-Fluorobiphenyl
 Concen: 88.742 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

Tgt Ion:172 Resp: 464501
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.0 40.4
 170 22.4 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

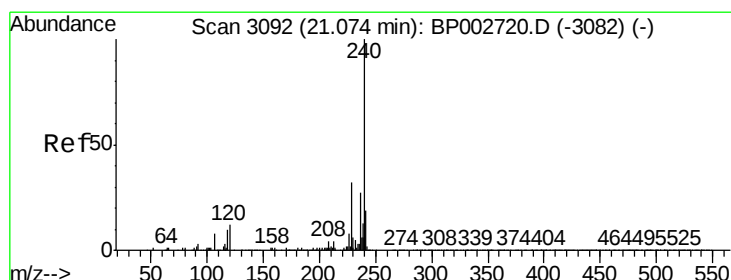
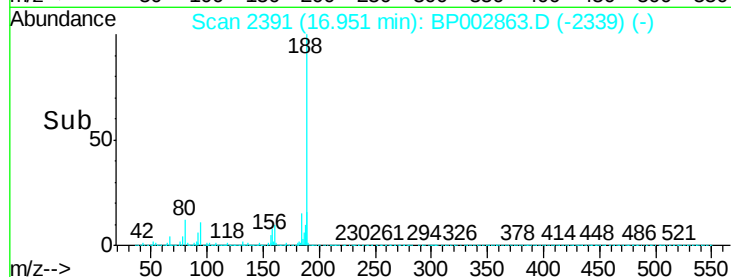
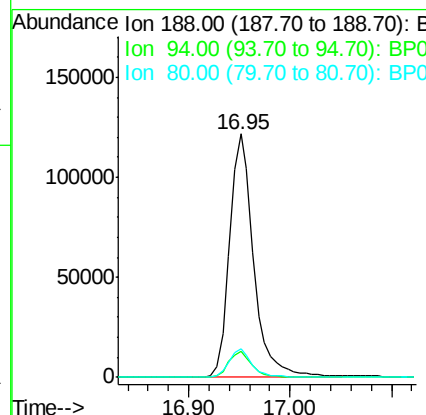
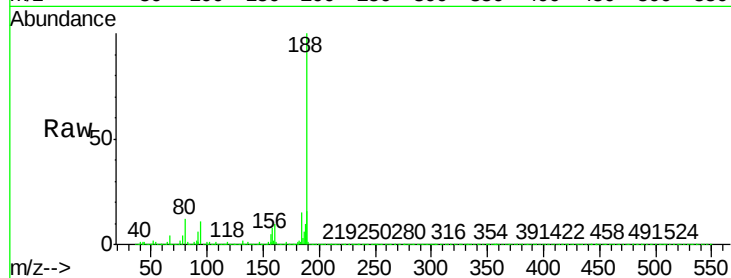




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

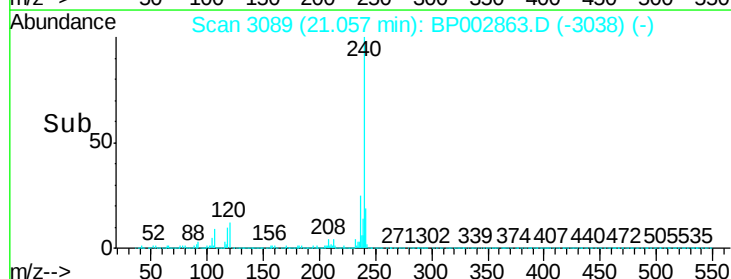
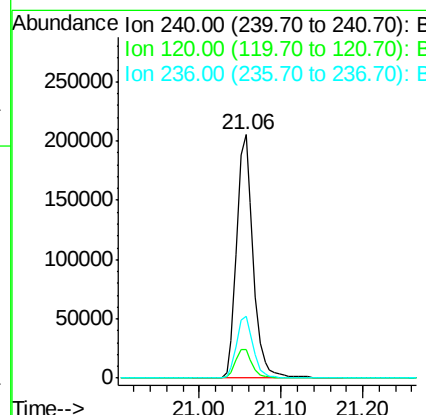
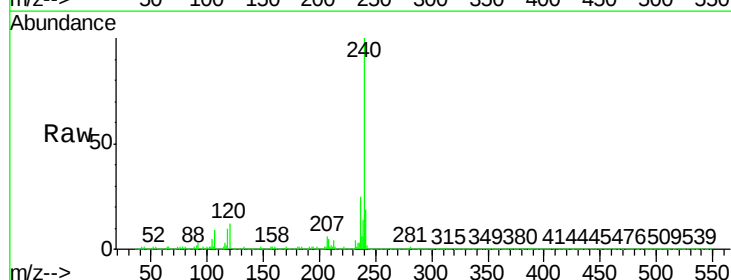
Instrument :
BNA_P
ClientSampleId :
CRT-018

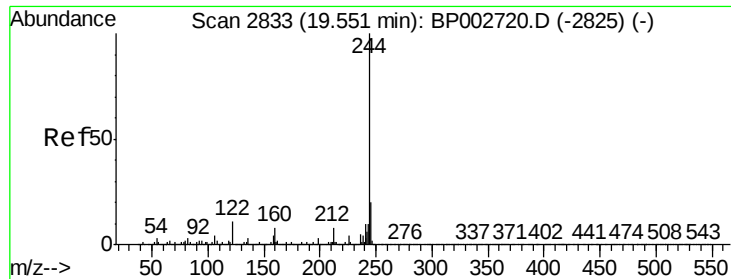
Tot Ion:188 Resp: 201609
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

Tgt Ion:240 Resp: 289971
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 86.971 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Instrument :

BNA_P

ClientSampleId :

CRT-018

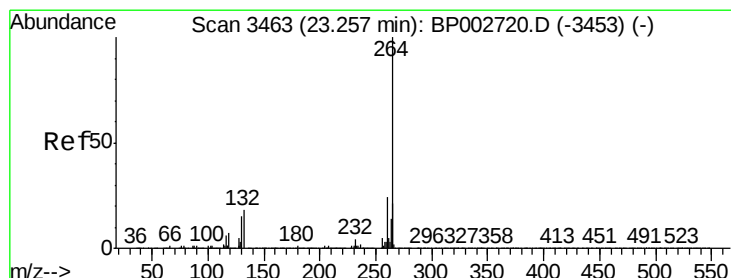
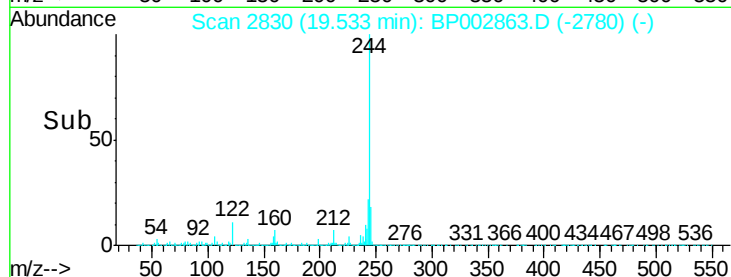
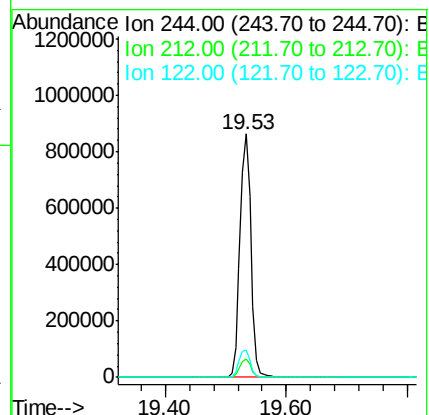
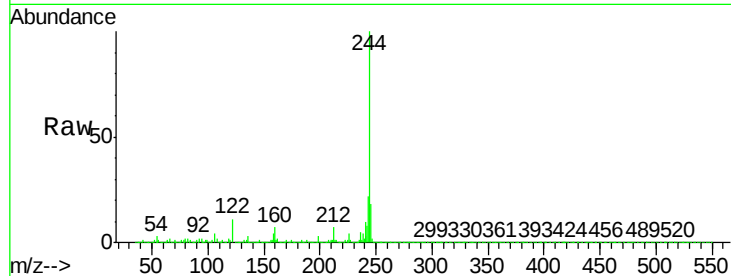
Tot Ion:244 Resp: 1099962

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 11.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Tgt Ion:264 Resp: 354716

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 20.8 16.7 25.1

