

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002862.D
 Acq On : 24 Jul 2020 19:57
 Operator : CG/JU
 Sample : L3382-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

Quant Time: Jul 25 00:18:03 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	38760	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	155326	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	99726	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	246347	20.00	ng	0.00
76) Chrysene-d12	21.06	240	352239	20.00	ng	0.00
86) Perylene-d12	23.23	264	397754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	314705	136.99	ng	0.00
7) Phenol-d6	6.74	99	356071	108.60	ng	0.00
23) Nitrobenzene-d5	8.68	82	289664	99.74	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	172223	165.44	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	535437	83.06	ng	0.00
79) Terphenyl-d14	19.53	244	1241643	80.82	ng	0.00

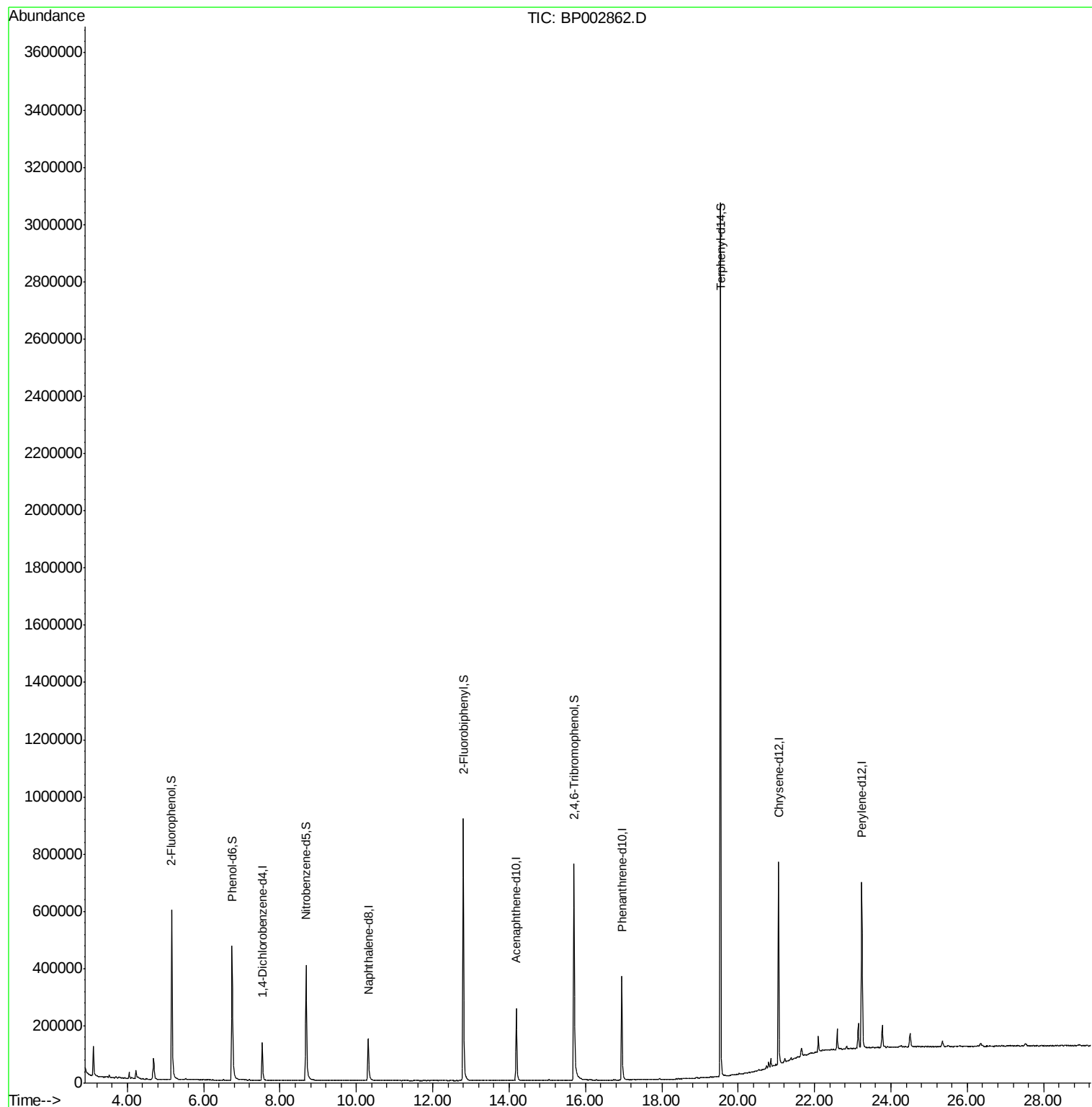
Target Compounds Qvalue

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

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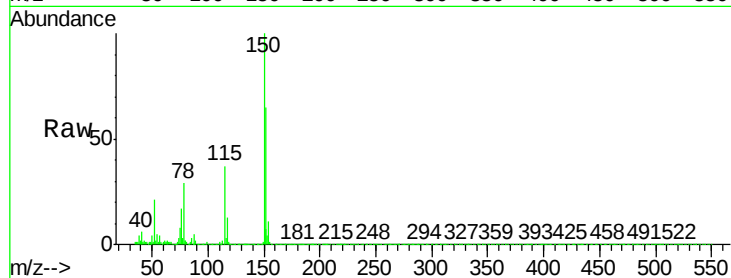


#1

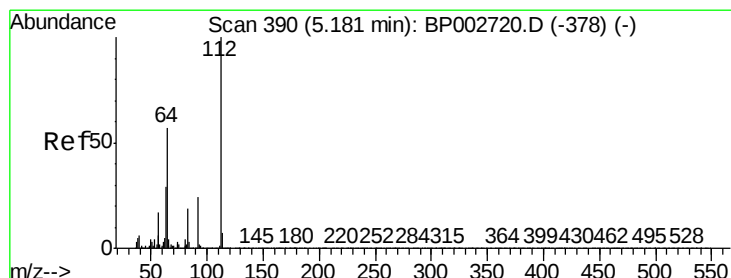
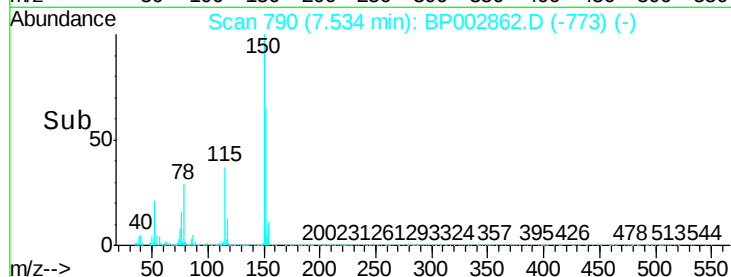
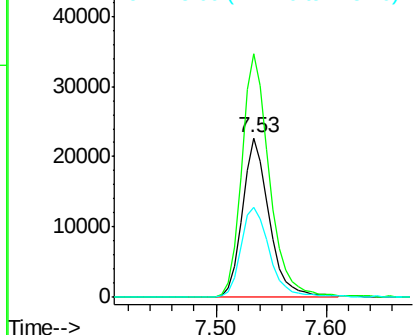
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.5	183.7
115	56.6	48.5	72.7



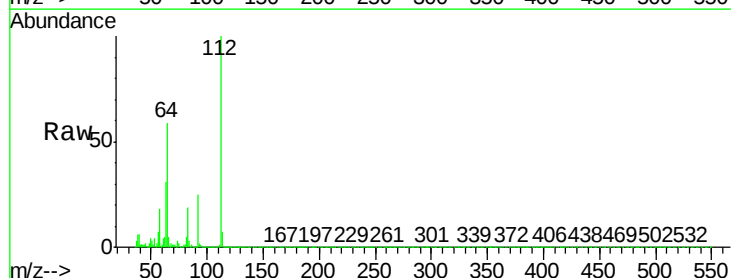
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



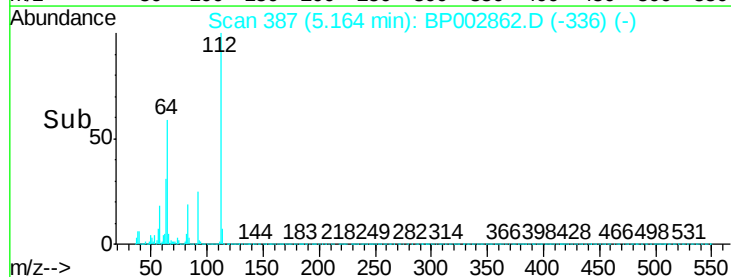
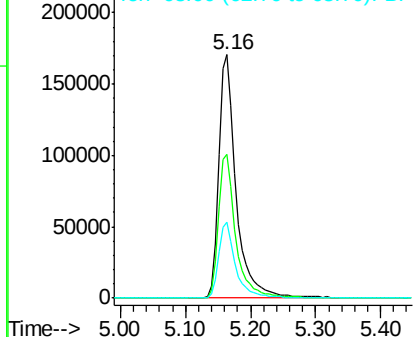
#5

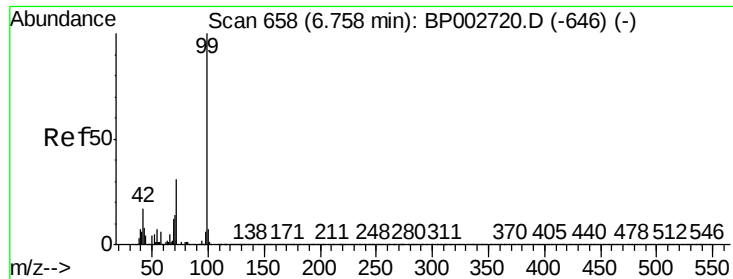
2-Fluorophenol
Concen: 136.988 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.1	72.1
63	31.1	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: 108.603 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

Instrument :

BNA_P

ClientSampleId :

CTR-024

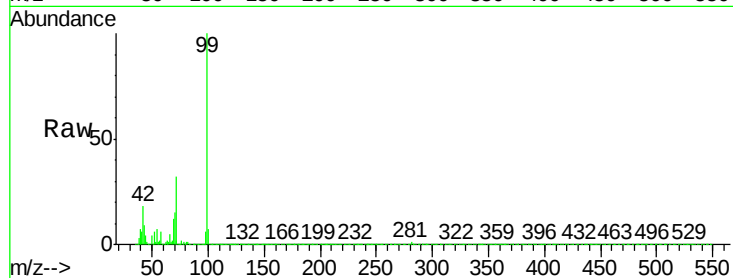
Tot Ion: 99 Resp: 356071

Ion Ratio Lower Upper

99 100

42 18.0 14.2 21.4

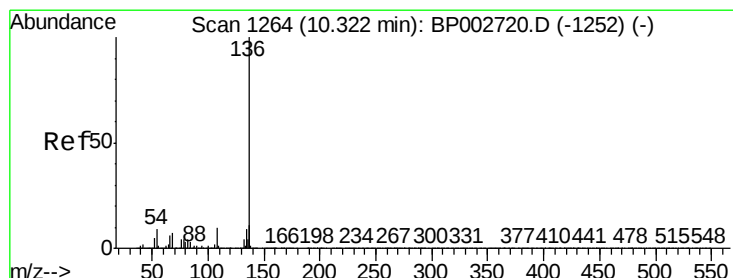
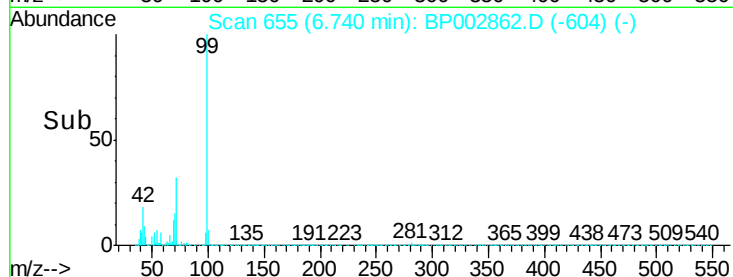
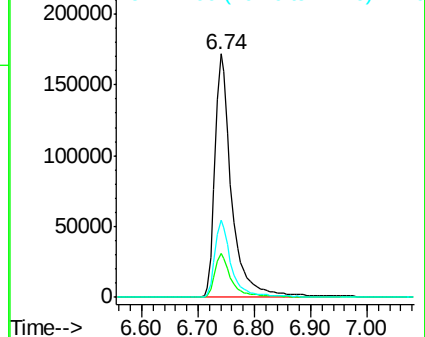
71 31.6 26.1 39.1



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: BP002862.D

Acq: 24 Jul 2020 19:57

Tgt Ion: 136 Resp: 155326

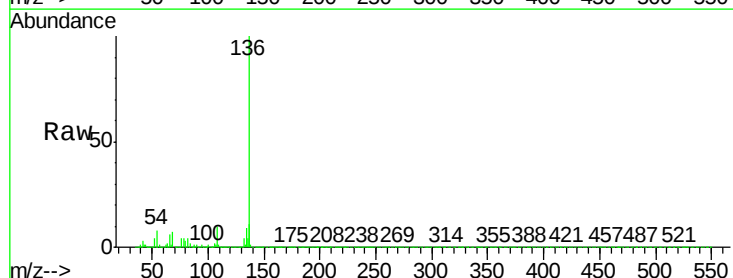
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.4 7.3 10.9

68 6.9 5.7 8.5

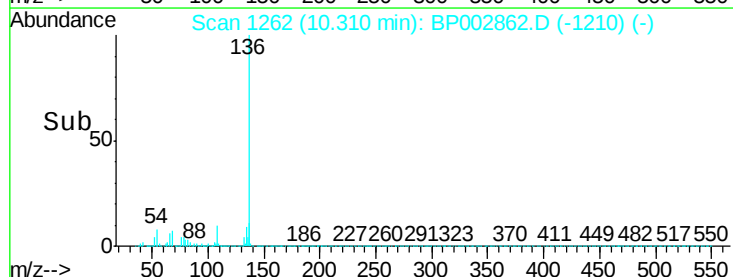
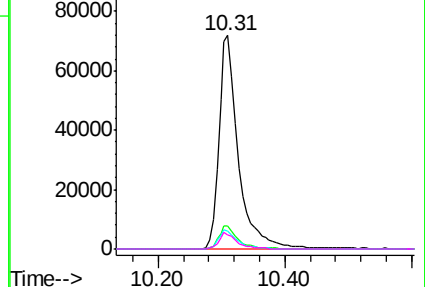


Abundance Ion 136.00 (135.70 to 136.70): E

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

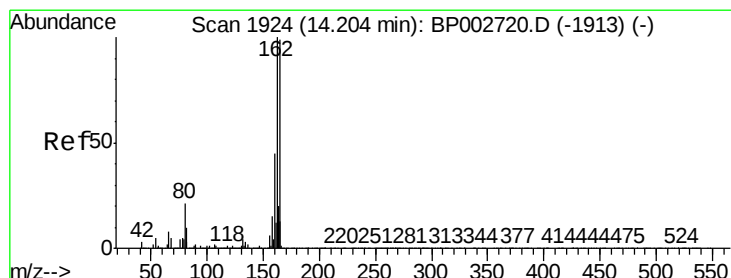
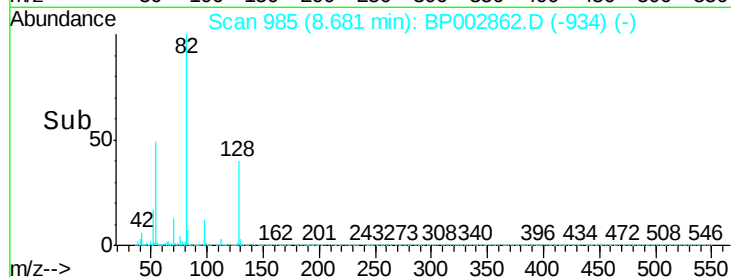
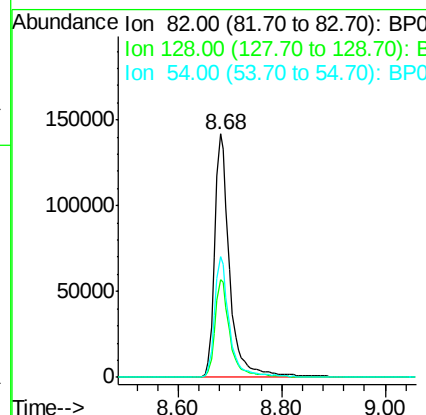
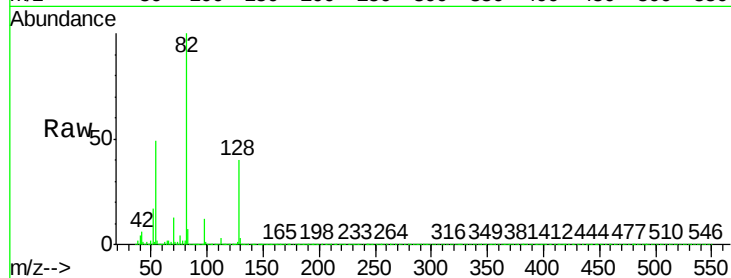




#23
 Nitrobenzene-d5
 Concen: 99.740 ng
 RT: 8.68 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

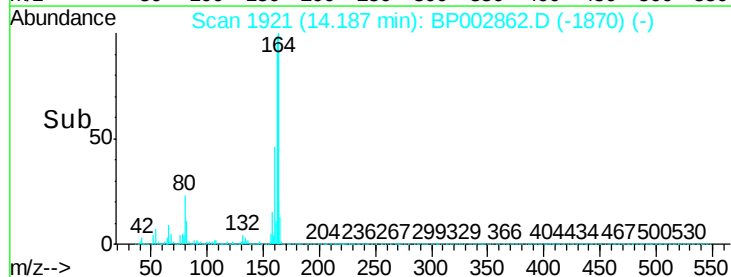
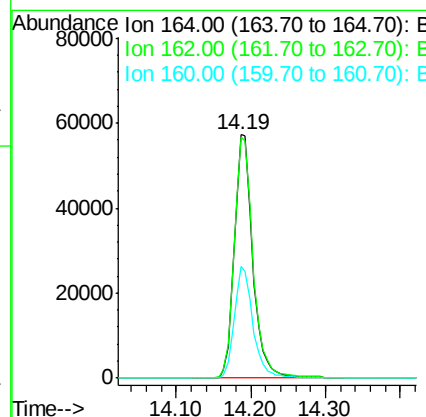
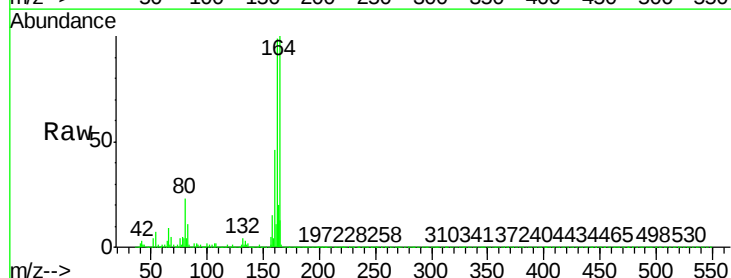
Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

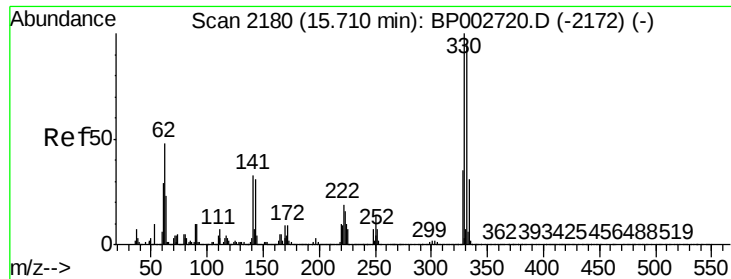
Tot Ion	82	Resp	289664
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.6	49.0
54	49.4	38.9	58.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

Tgt Ion	164	Resp	99726
Ion Ratio	Lower	Upper	
164	100		
162	99.2	78.4	117.6
160	46.2	36.1	54.1

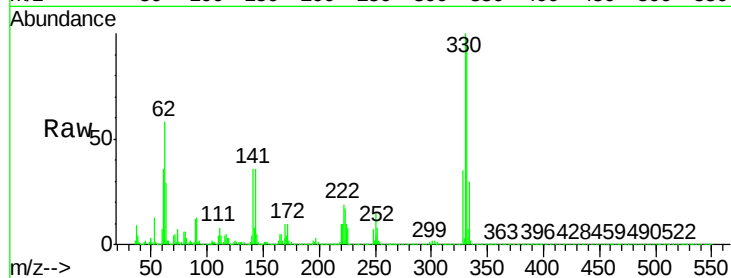




#42
 2,4,6-Tribromophenol
 Concen: 165.443 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.6	116.4
141	36.6	29.0	43.6

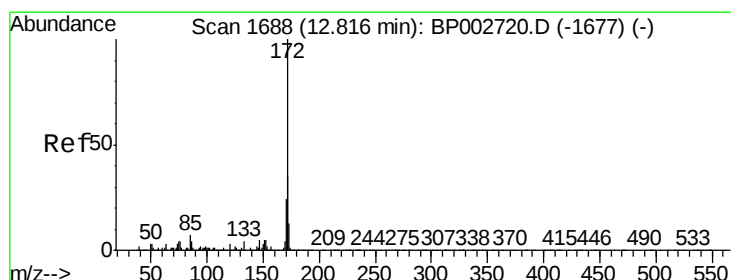
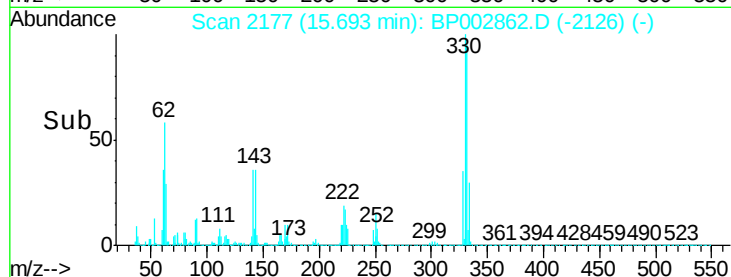
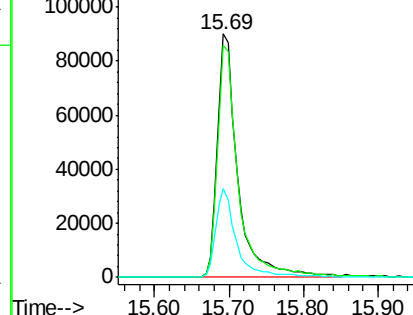


Abundance

Ion 329.80 (329.50 to 330.50): E

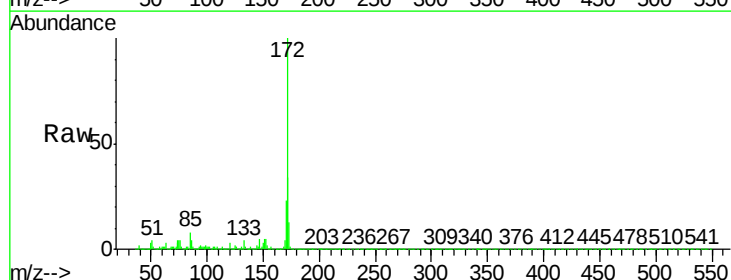
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.059 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.0	40.4
170	23.2	19.4	29.2

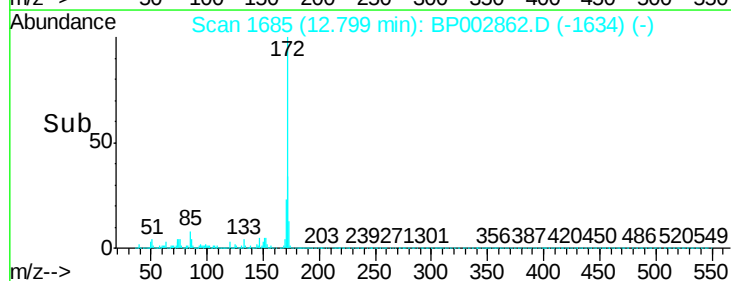
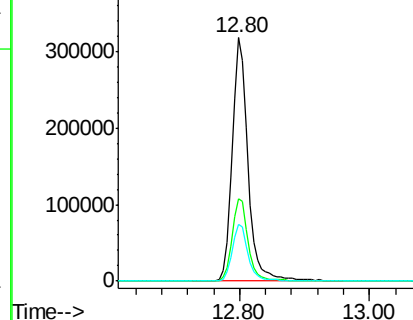


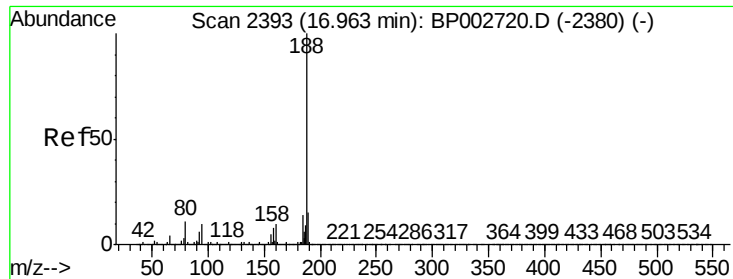
Abundance

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: BP002862.D

Acq: 24 Jul 2020 19:57

Instrument :

BNA_P

ClientSampleId :

CTR-024

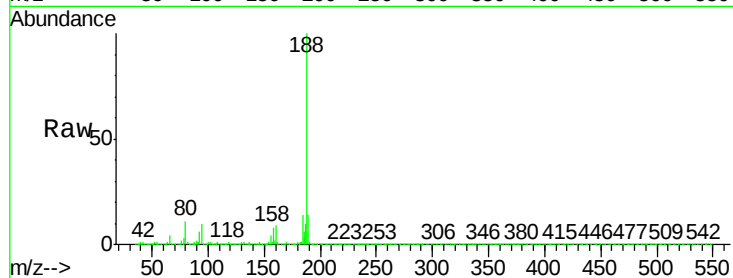
Tot Ion:188 Resp: 246347

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 10.8 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

200000

150000

100000

50000

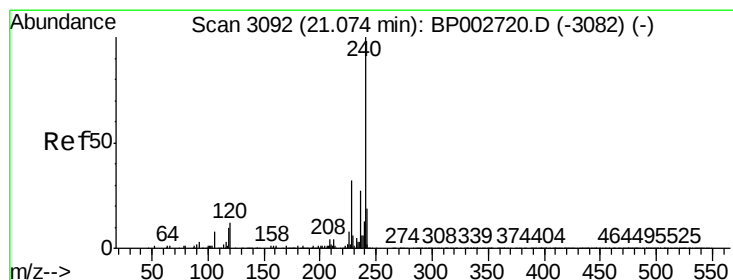
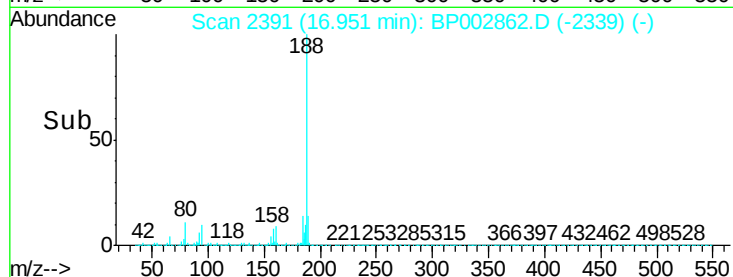
0

16.95

16.90

17.00

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

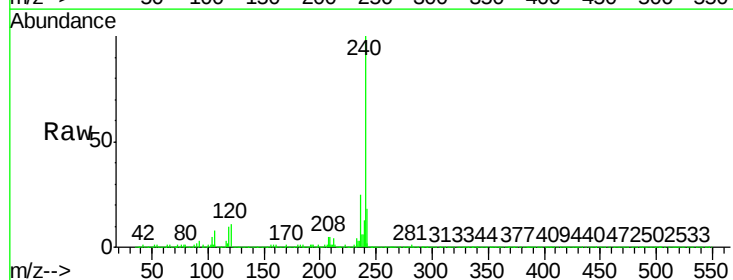
Tgt Ion:240 Resp: 352239

Ion Ratio Lower Upper

240 100

120 11.4 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

300000

200000

100000

0

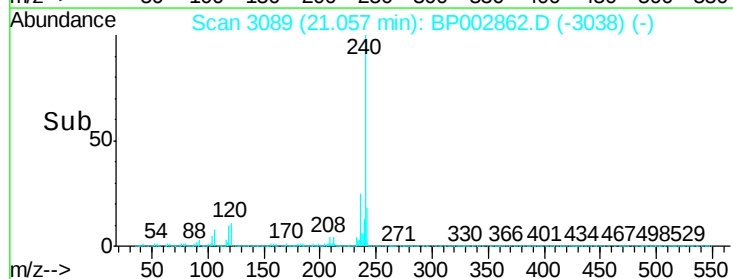
21.06

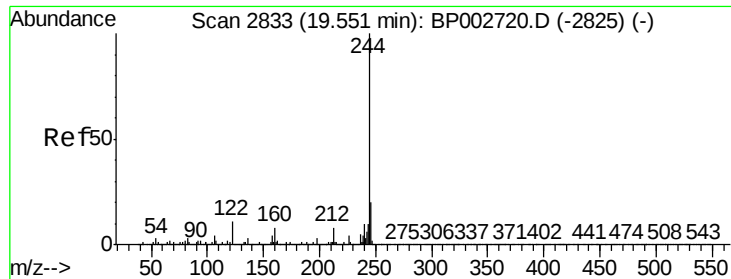
21.00

21.10

21.20

Time-->





#79

Terphenyl-d14

Concen: 80.818 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

Instrument :

BNA_P

ClientSampleId :

CTR-024

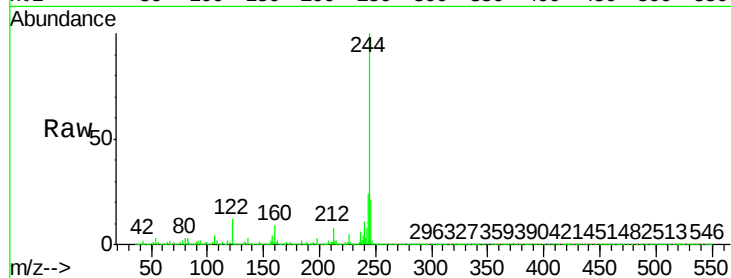
Tot Ion:244 Resp: 1241643

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

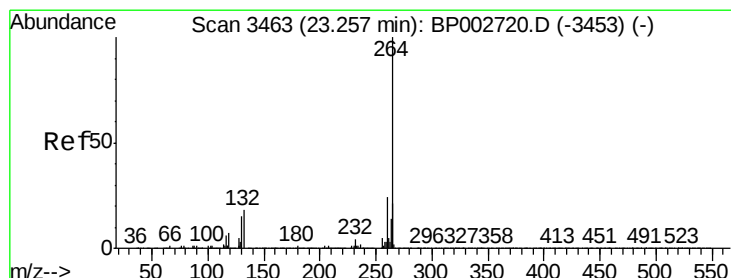
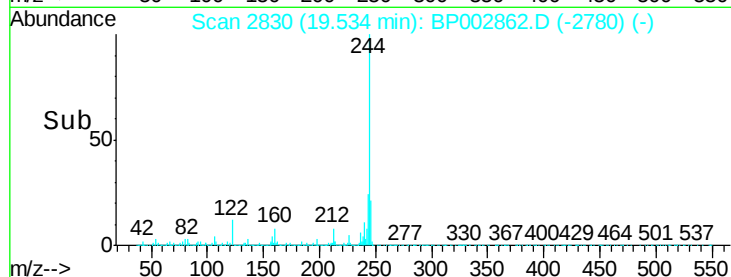
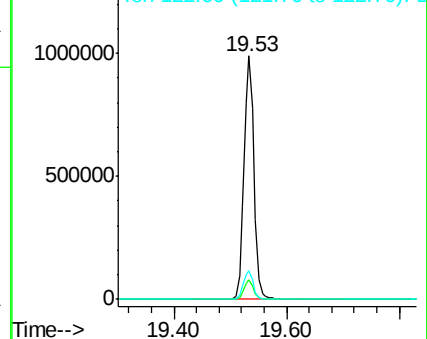
122 11.9 7.9 11.9#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

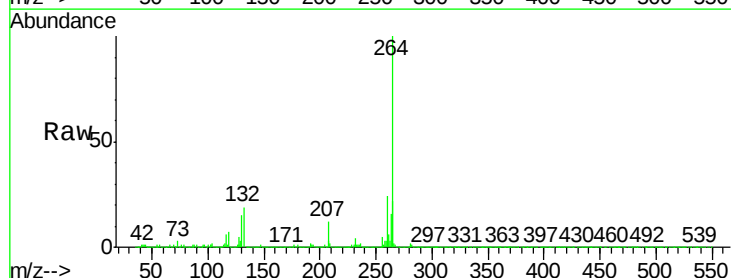
Tgt Ion:264 Resp: 397754

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.8 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

