

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002682.D
 Acq On : 08 Jul 2020 19:09
 Operator : CG/JU
 Sample : L3203-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-16

Quant Time: Jul 09 01:11:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

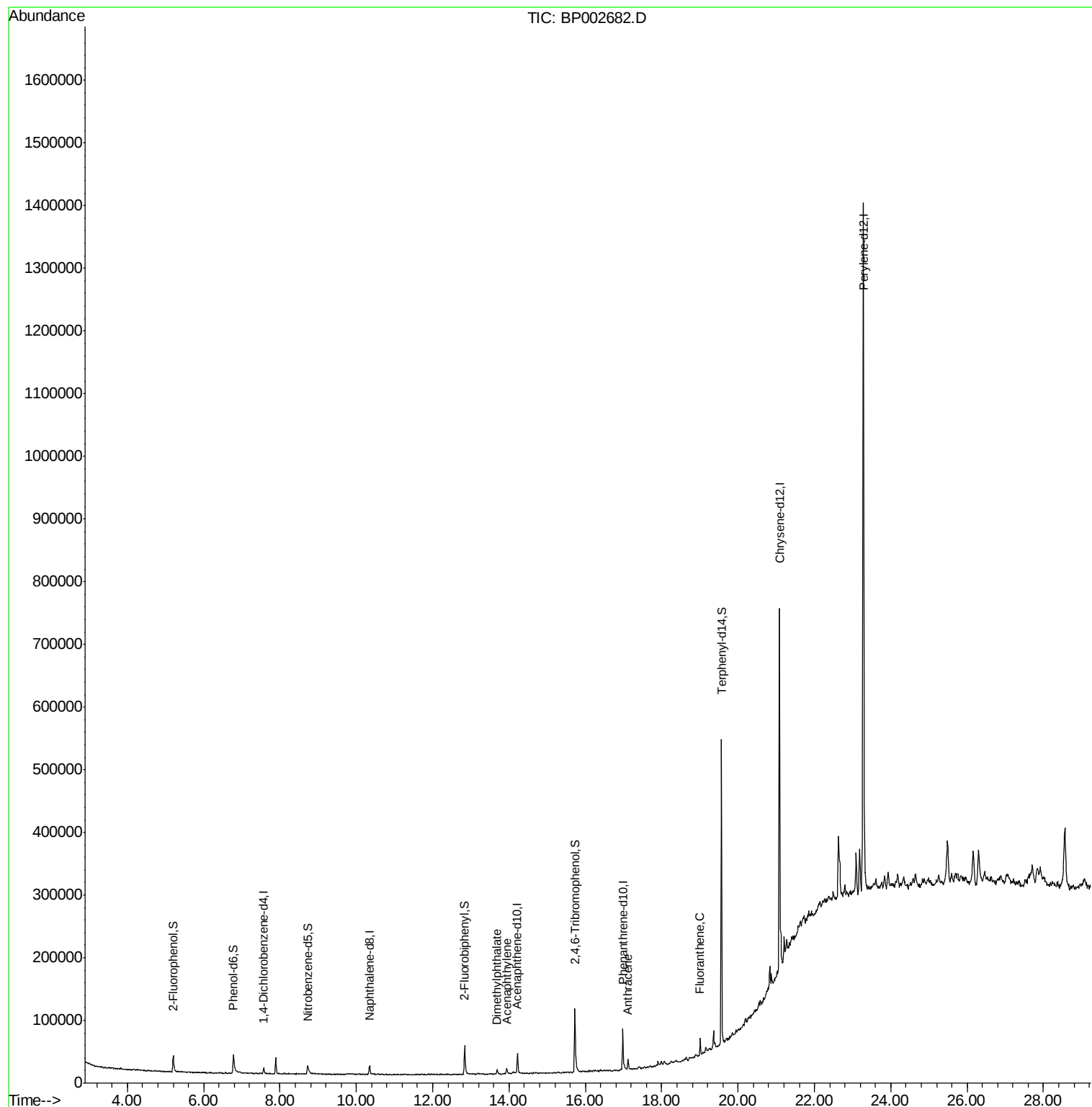
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3049	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	14777	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	12043	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	45245	20.00	ng	0.00
76) Chrysene-d12	21.09	240	260931	20.00	ng	0.00
86) Perylene-d12	23.28	264	740928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	16313	90.59	ng	0.01
7) Phenol-d6	6.78	99	29774	118.46	ng	0.01
23) Nitrobenzene-d5	8.72	82	13430	46.83	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	22528	153.80	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	32940	40.26	ng	0.00
79) Terphenyl-d14	19.56	244	221874	18.35	ng	-0.01
Target Compounds						
49) Acenaphthylene	13.94	152	8483	7.269	ng	98
50) Dimethylphthalate	13.69	163	5877	6.213	ng	# 97
72) Anthracene	17.12	178	11513	4.753	ng	95
75) Fluoranthene	19.00	202	16579	5.626	ng	95

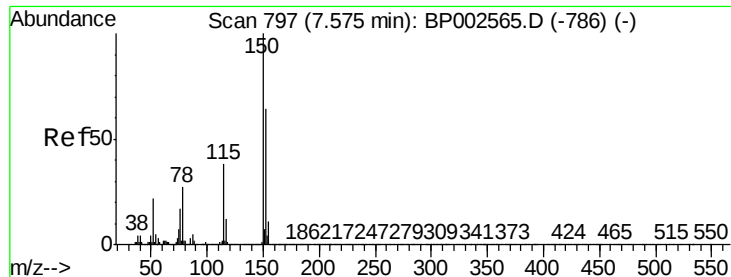
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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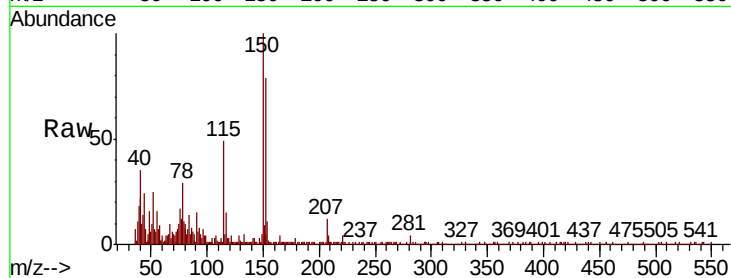


#1

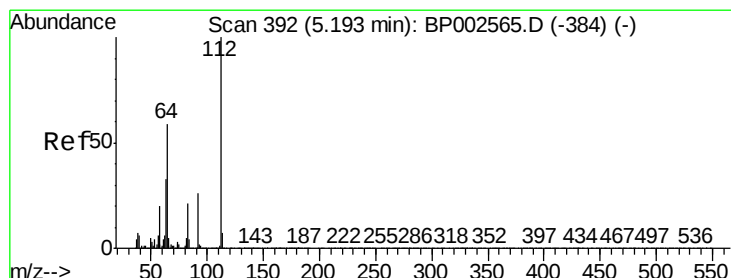
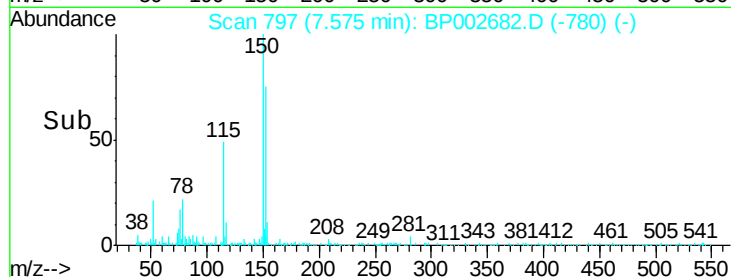
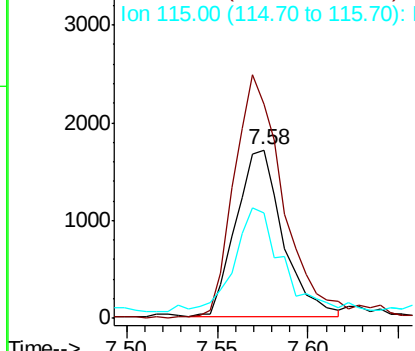
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 797
Delta R.T. 0.00 min
Lab File: BP002682.D
Acq: 08 Jul 2020 19:09

Instrument :
BNA_P
ClientSampleId :
RO-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	127.3	124.2	186.2
115	62.6	47.1	70.7



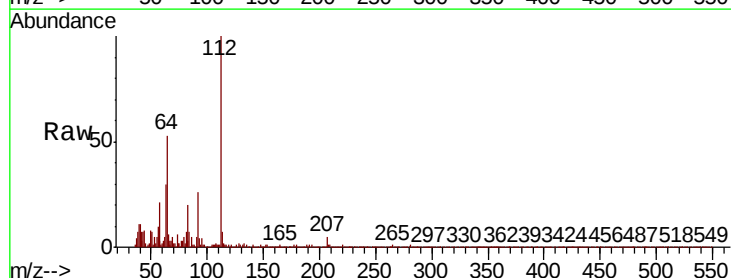
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



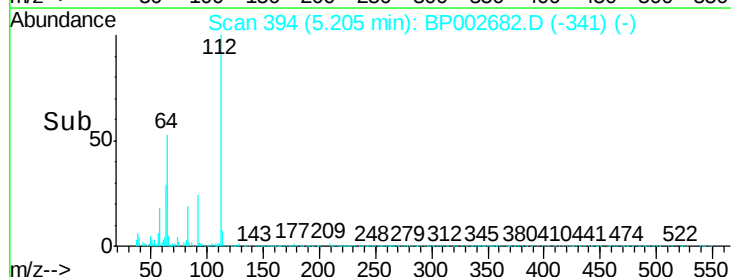
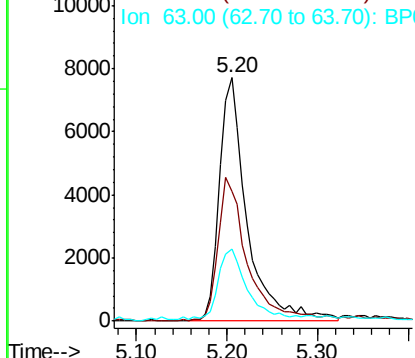
#5

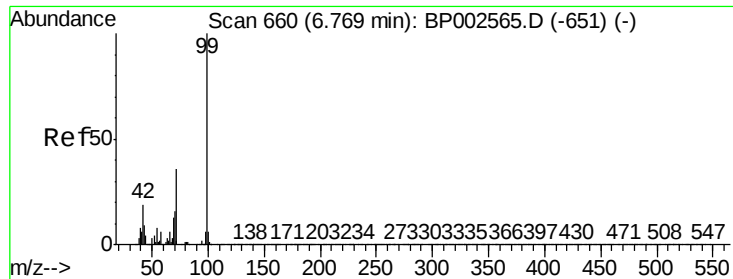
2-Fluorophenol
Concen: 90.586 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.01 min
Lab File: BP002682.D
Acq: 08 Jul 2020 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.0	70.6
63	29.8	26.1	39.1



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: 118.457 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.01 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

Instrument :

BNA_P

ClientSampleId :

RO-16

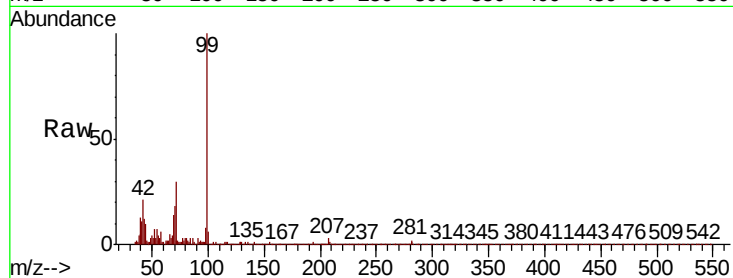
Tot Ion: 99 Resp: 29774

Ion Ratio Lower Upper

99 100

42 21.1 15.5 23.3

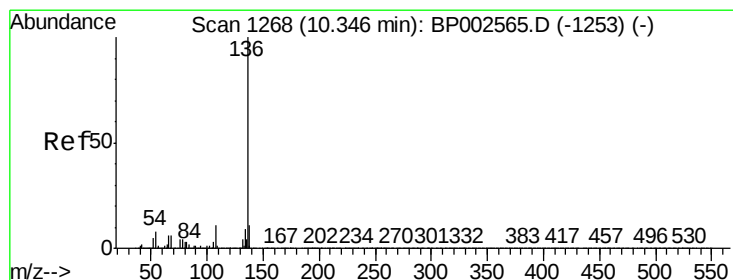
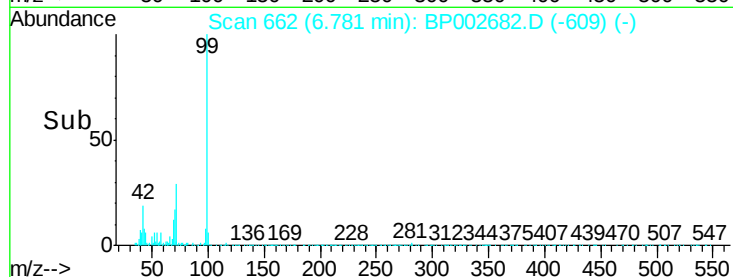
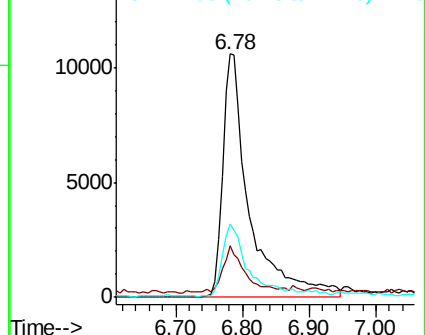
71 30.0 28.9 43.3



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: 10.35 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

Tgt Ion: 136 Resp: 14777

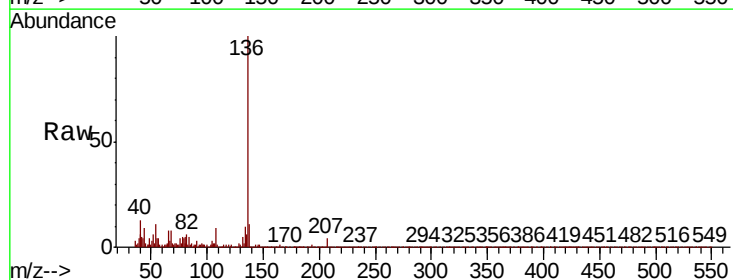
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.7 6.4 9.6#

68 7.6 5.1 7.7

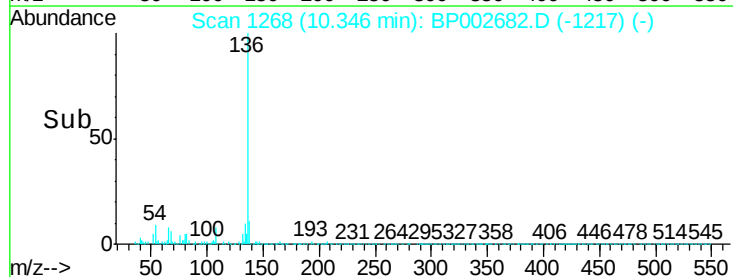
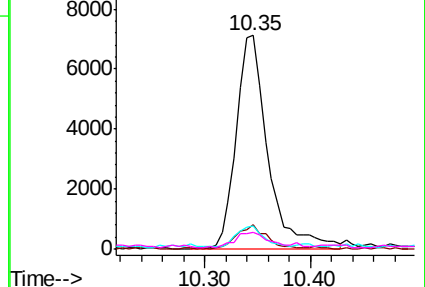


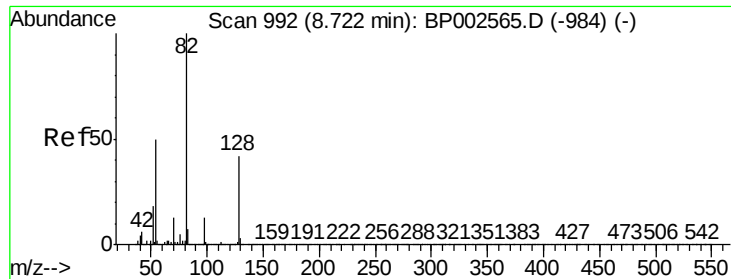
Abundance Ion 136.00 (135.70 to 136.70): E

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

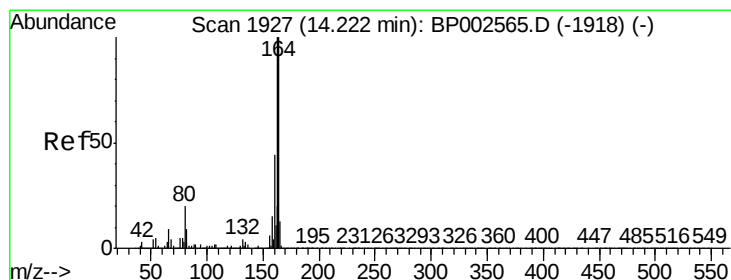
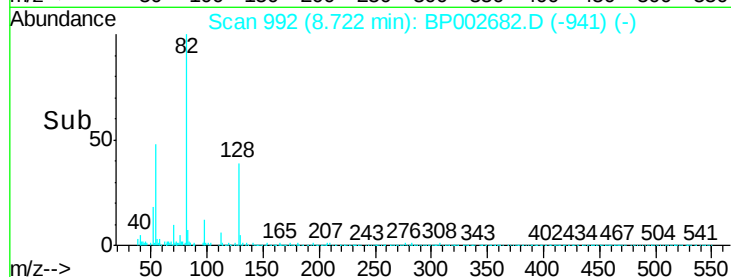
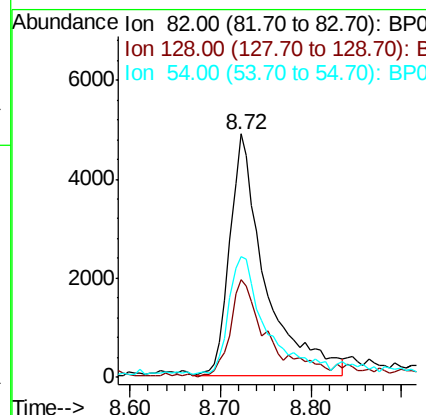
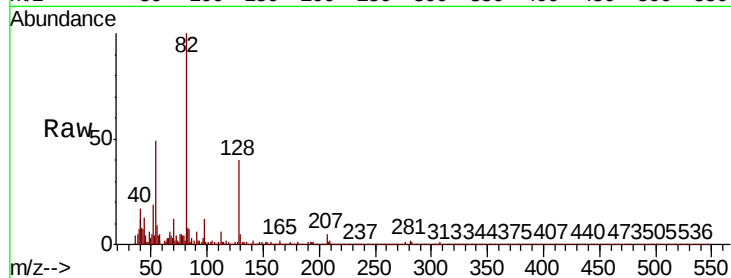




#23
 Nitrobenzene-d5
 Concen: 46.828 ng
 RT: 8.72 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BP002682.D
 Acq: 08 Jul 2020 19:09

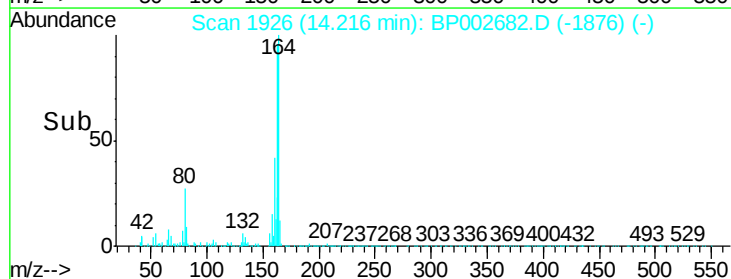
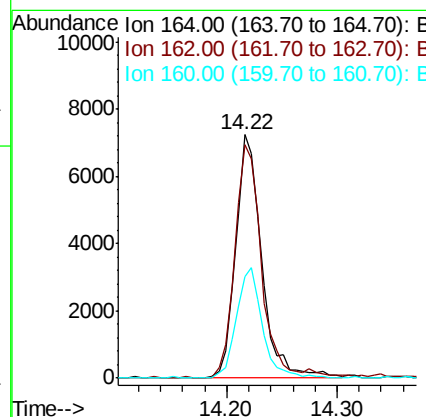
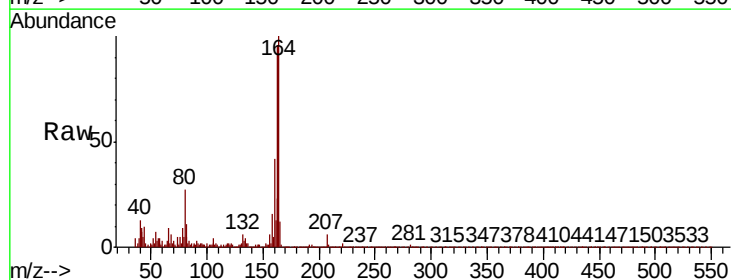
Instrument :
 BNA_P
 ClientSampleId :
 RO-16

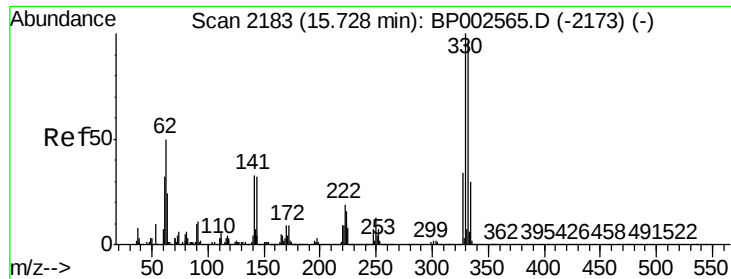
Tot Ion	82	Resp	13430
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.4	50.2
54	49.4	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002682.D
 Acq: 08 Jul 2020 19:09

Tgt Ion	164	Resp	12043
Ion Ratio	Lower	Upper	
164	100		
162	96.0	80.3	120.5
160	42.0	35.0	52.6

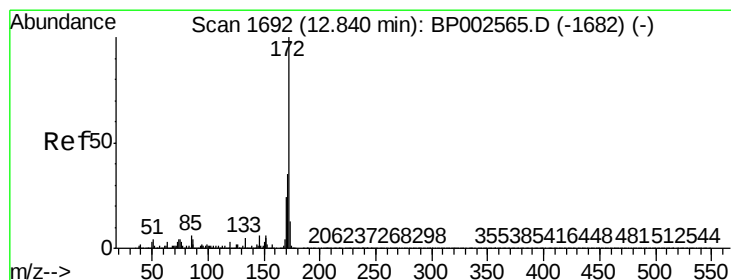
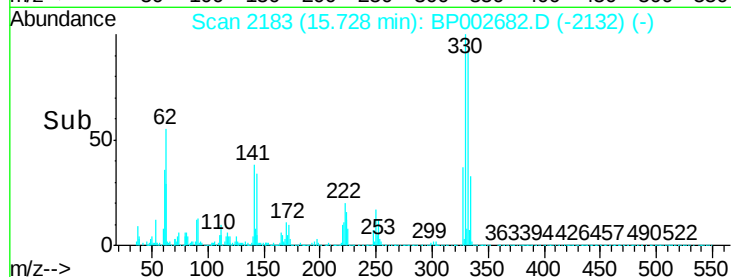
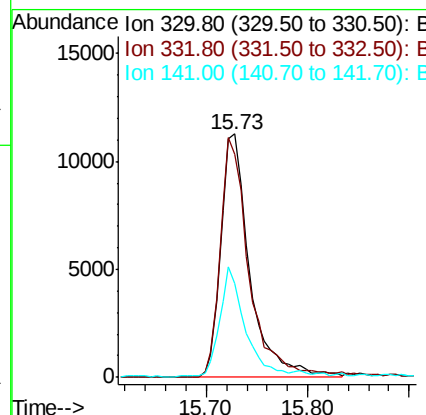
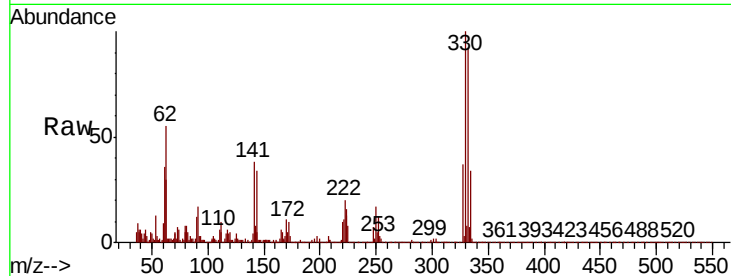




#42
 2,4,6-Tribromophenol
 Concen: 153.799 ng
 RT: 15.73 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BP002682.D
 Acq: 08 Jul 2020 19:09

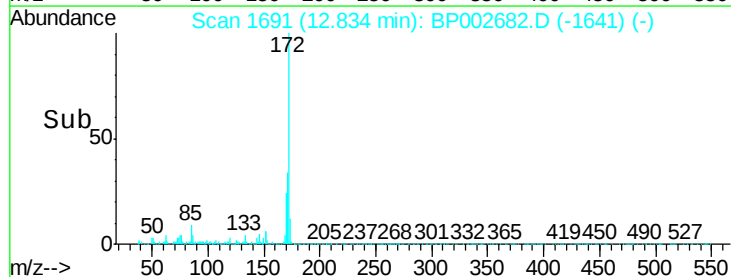
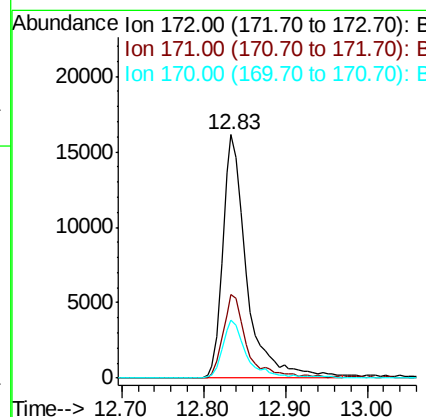
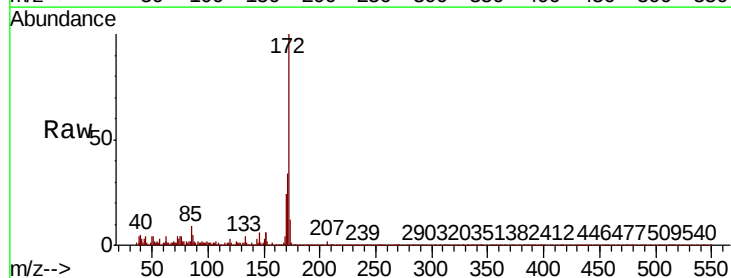
Instrument :
 BNA_P
 ClientSampleId :
 RO-16

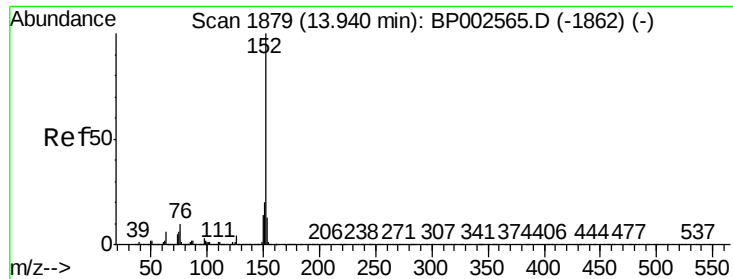
Tot Ion:330 Resp: 22528
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.7 116.5
 141 38.3 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 40.258 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002682.D
 Acq: 08 Jul 2020 19:09

Tgt Ion:172 Resp: 32940
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.0 42.0
 170 23.9 19.0 28.4





#49

Acenaphthylene

Concen: 7.269 ng

RT: 13.94 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

Instrument :

BNA_P

ClientSampled :

RO-16

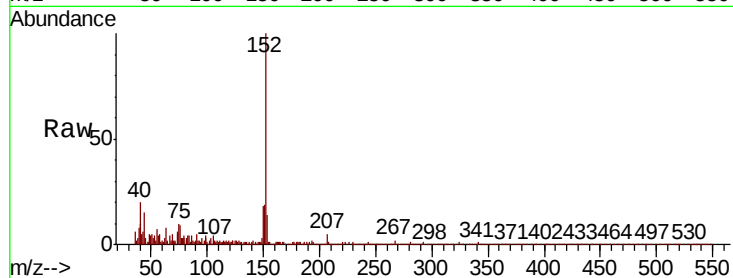
Tot Ion:152 Resp: 8483

Ion Ratio Lower Upper

152 100

151 18.9 15.7 23.5

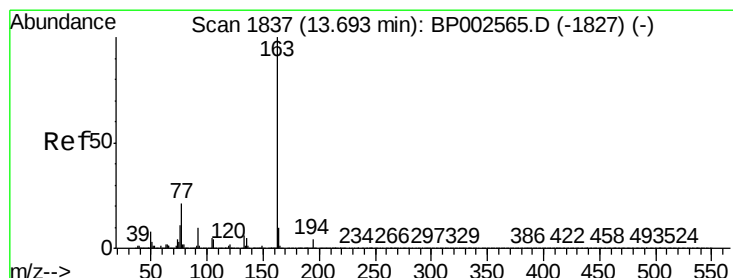
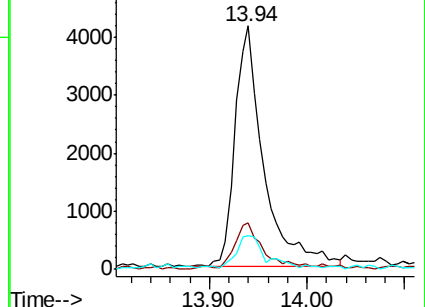
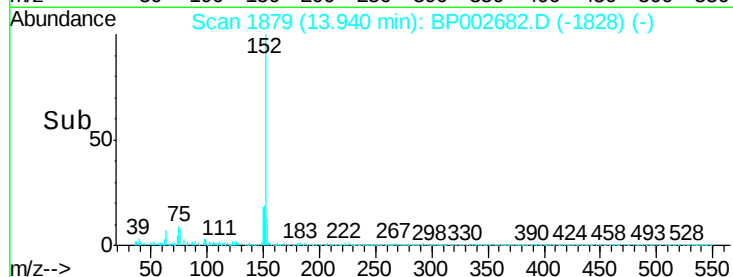
153 13.9 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 6.213 ng

RT: 13.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

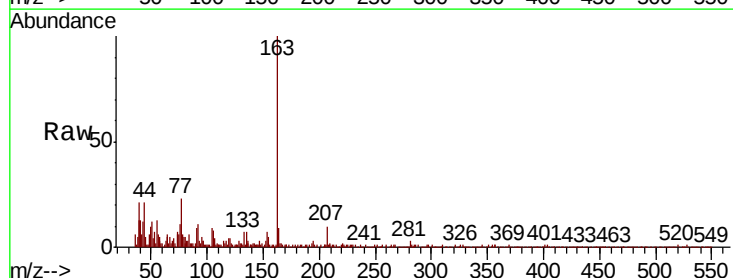
Tgt Ion:163 Resp: 5877

Ion Ratio Lower Upper

163 100

194 3.1 3.4 5.0#

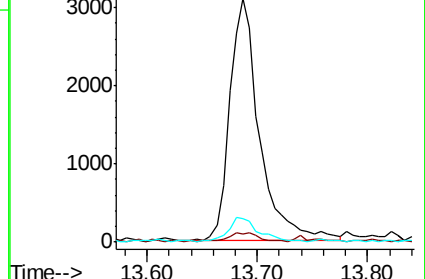
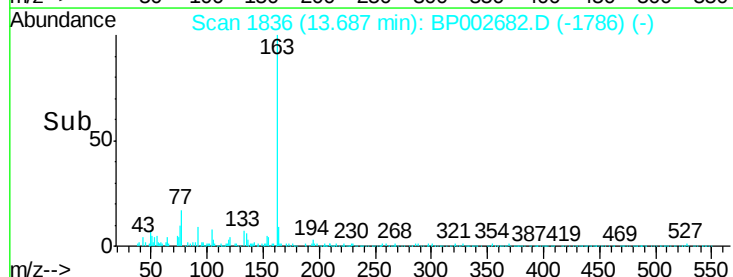
164 9.4 8.2 12.4

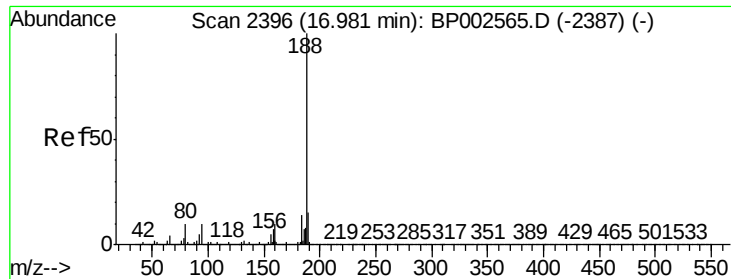


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

Instrument :

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ClientSampleId :

RO-16

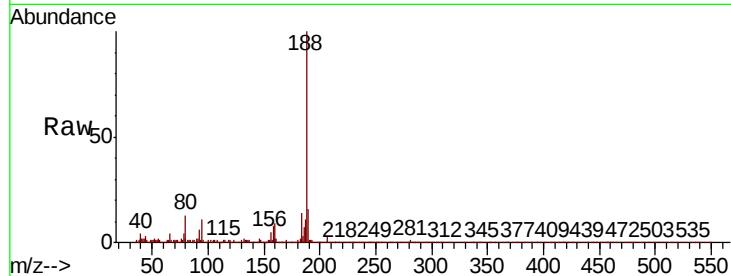
Tot Ion:188 Resp: 45245

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

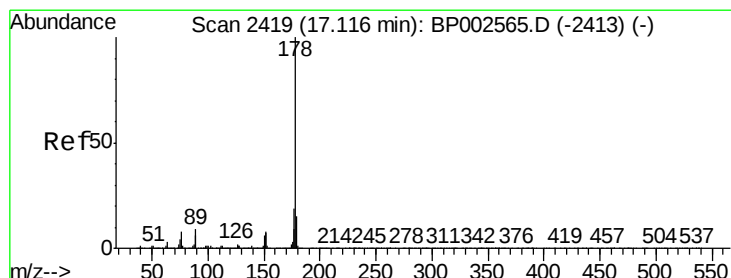
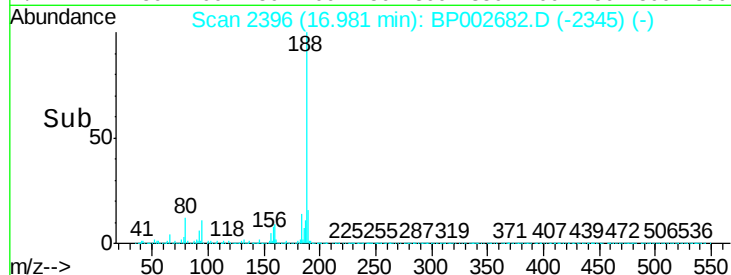
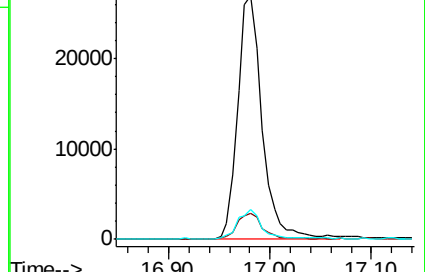
80 12.5 8.2 12.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#72

Anthracene

Concen: 4.753 ng

RT: 17.12 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

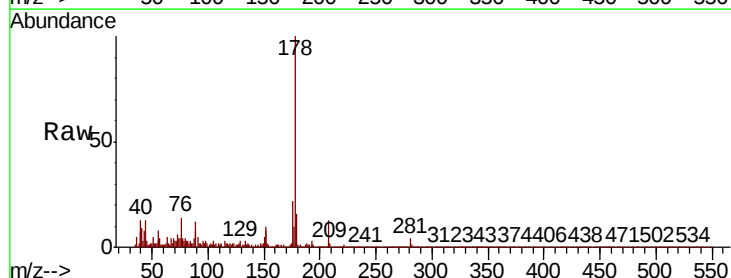
Tgt Ion:178 Resp: 11513

Ion Ratio Lower Upper

178 100

176 22.0 15.0 22.4

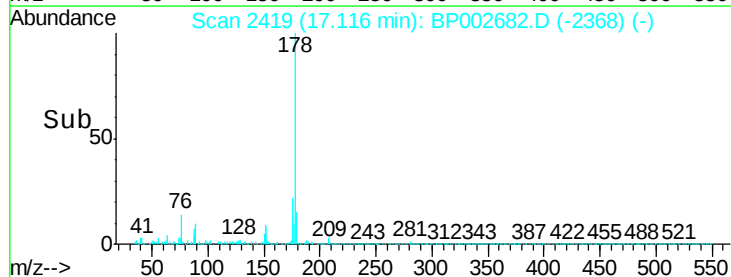
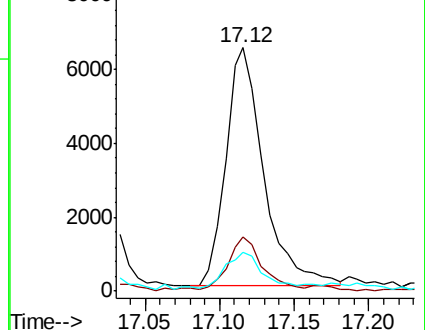
179 16.2 12.2 18.2

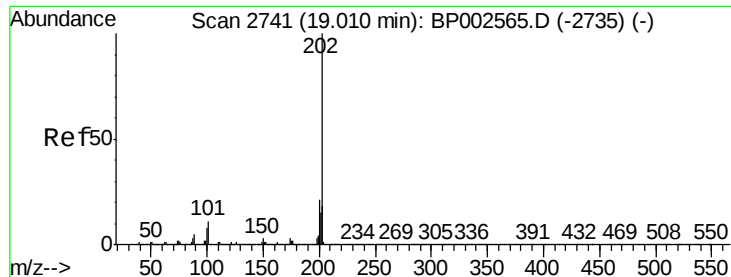


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.626 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

Instrument :

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RO-16

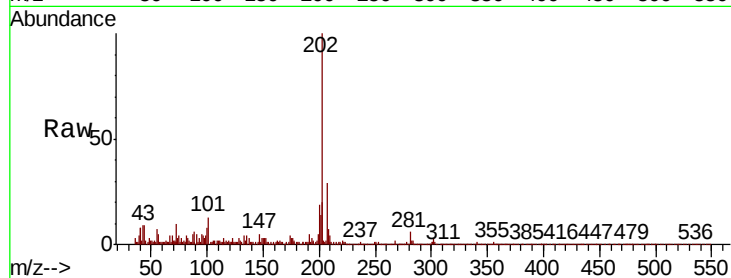
Tot Ion:202 Resp: 16579

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.6

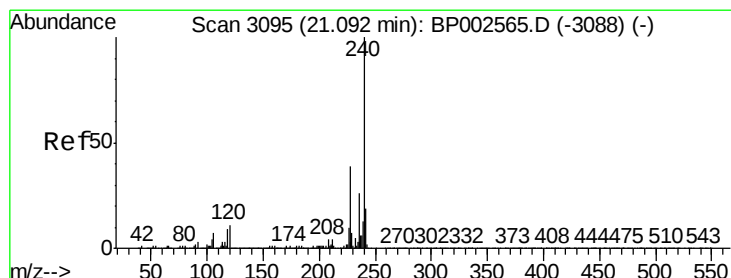
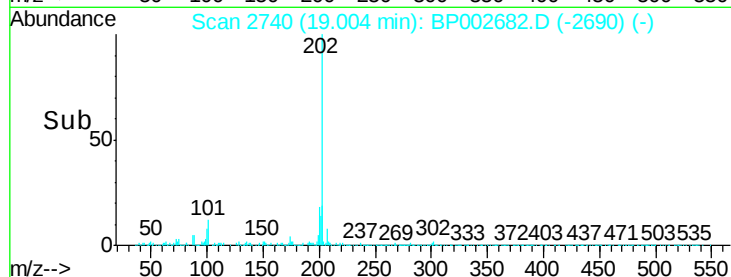
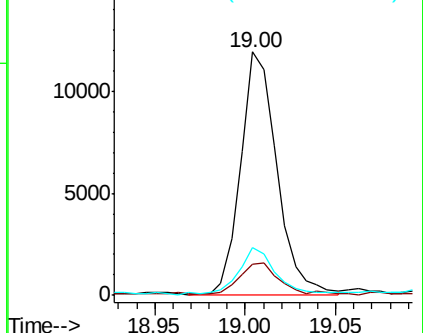
203 19.7 0.0 37.7



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: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

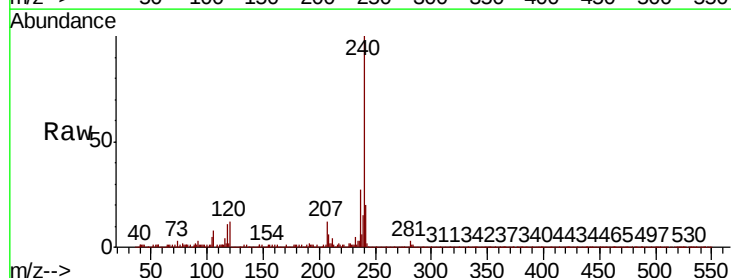
Tgt Ion:240 Resp: 260931

Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

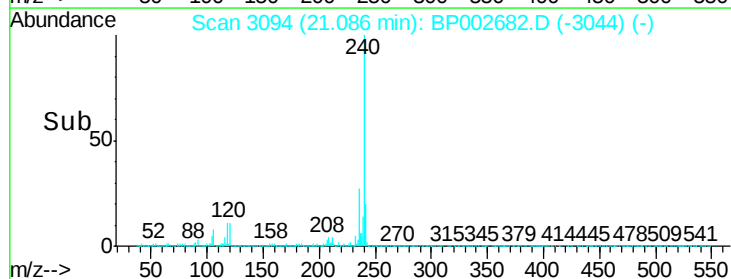
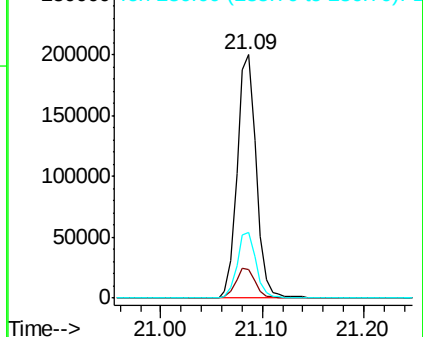
236 26.7 20.8 31.2

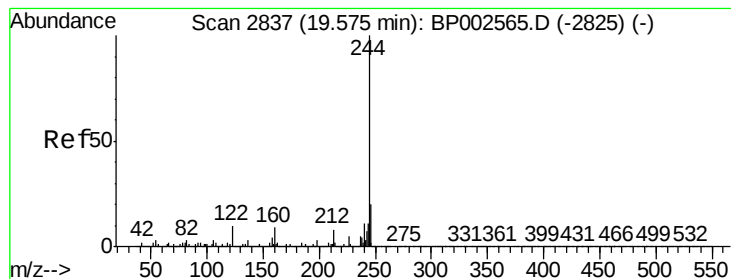


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 18.354 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

Instrument :

BNA_P

ClientSampled :

RO-16

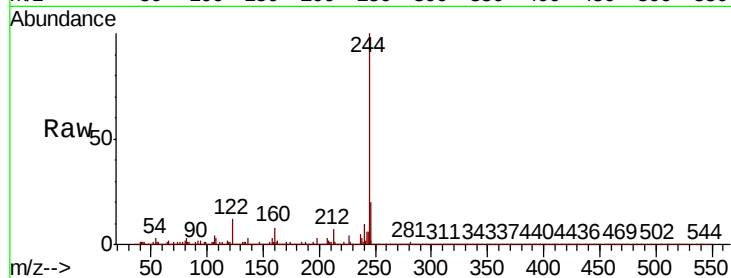
Tot Ion:244 Resp: 221874

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

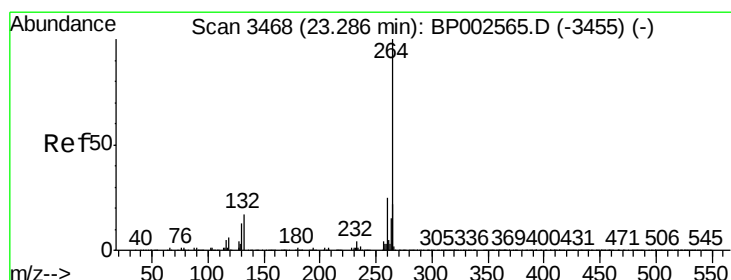
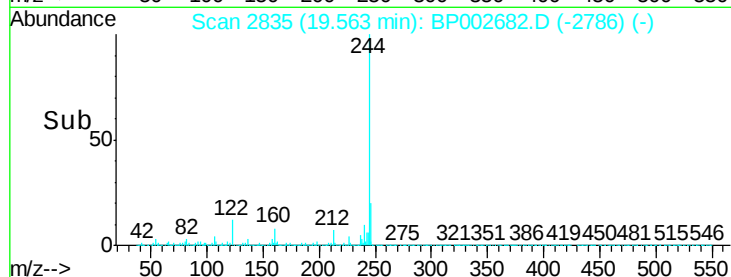
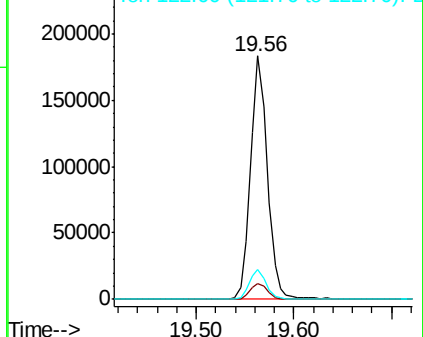
122 12.2 7.9 11.9#



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002682.D

Acq: 08 Jul 2020 19:09

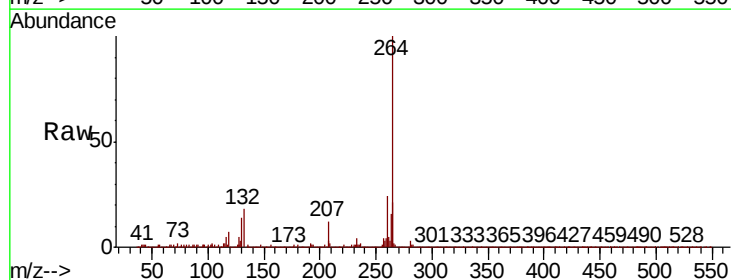
Tgt Ion:264 Resp: 740928

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.2 17.6 26.4



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

