

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
 Data File : BP003105.D
 Acq On : 25 Aug 2020 19:05
 Operator : CG/JU
 Sample : L3771-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1

Quant Time: Aug 26 09:21:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

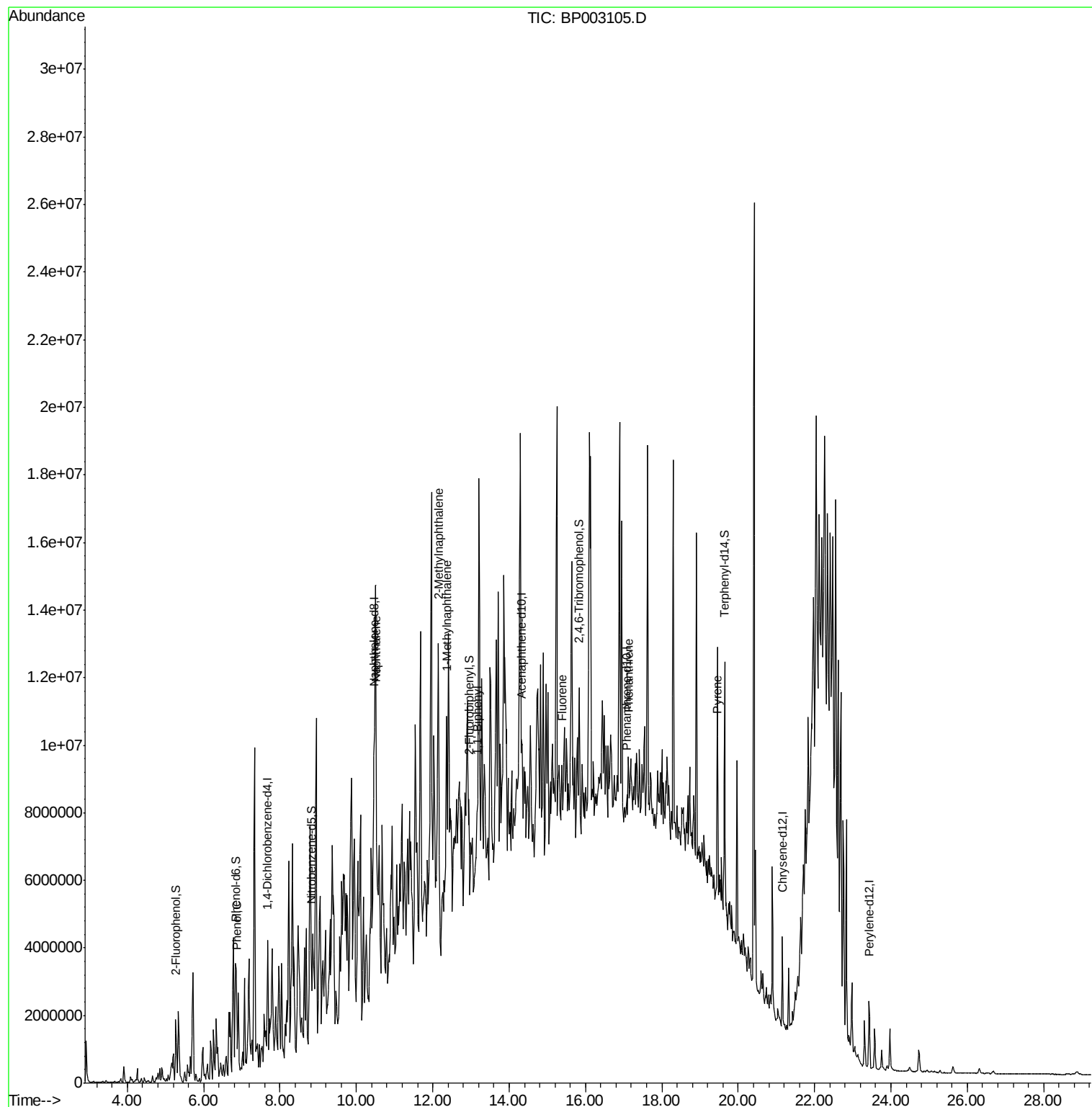
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	146514	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	410435	20.00	ng	0.01
39) Acenaphthene-d10	14.33	164	346770	20.00	ng	0.02
64) Phenanthrene-d10	17.08	188	752319	20.00	ng	0.02
76) Chrysene-d12	21.16	240	1289439	20.00	ng	0.00
86) Perylene-d12	23.43	264	1578300	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	956620	115.44	ng	0.00
7) Phenol-d6	6.85	99	907775	87.39	ng	0.00
23) Nitrobenzene-d5	8.82	82	726454	127.60	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	709726	151.33	ng	0.02
45) 2-Fluorobiphenyl	12.95	172	1966349	83.04	ng	0.02
79) Terphenyl-d14	19.65	244	3700520	63.15	ng	0.00
Target Compounds						
10) Phenol	6.87	94	476726	49.520	ng	95
31) Naphthalene	10.52	128	2088456	99.040	ng	# 89
37) 2-Methylnaphthalene	12.15	142	5273533	349.597	ng	96
38) 1-Methylnaphthalene	12.36	142	3687958	257.224	ng	# 98
46) 1,1'-Biphenyl	13.16	154	864241	33.227	ng	92
58) Fluorene	15.38	166	486782	20.344	ng	# 76
71) Phenanthrene	17.12	178	933720	22.905	ng	# 87
78) Pyrene	19.44	202	287419	3.434	ng	# 92

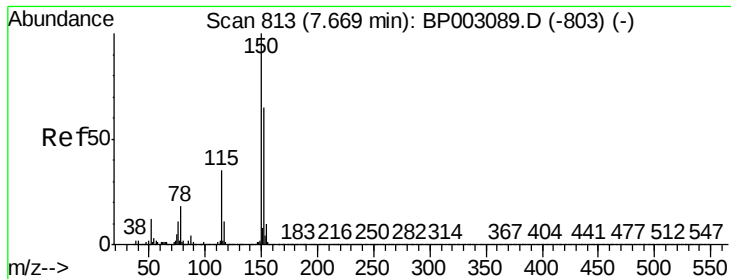
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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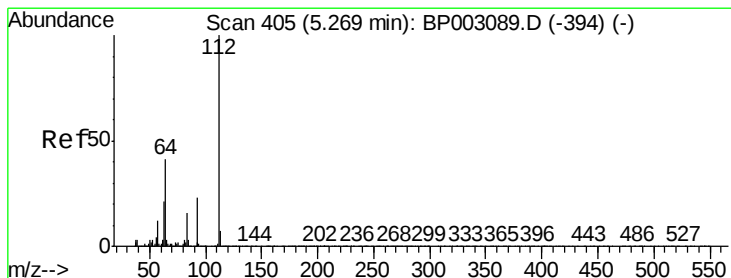
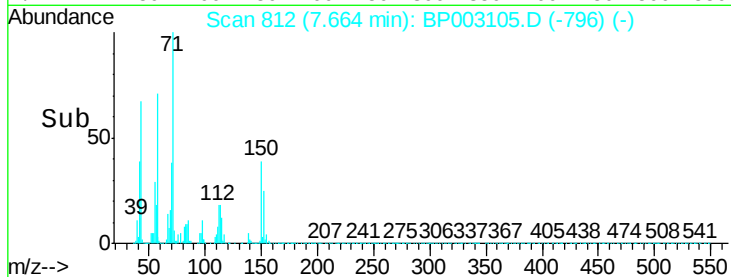
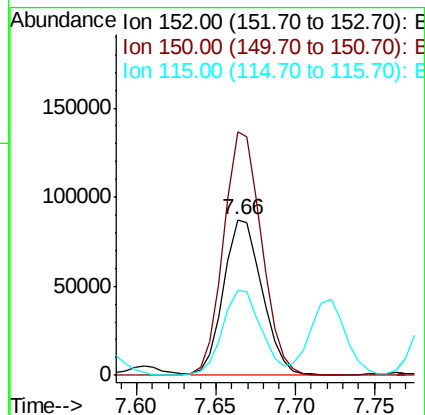
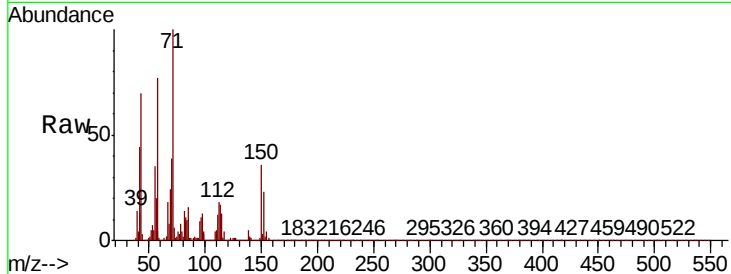


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Instrument :
BNA_P
ClientSampleId :
DRUM-1

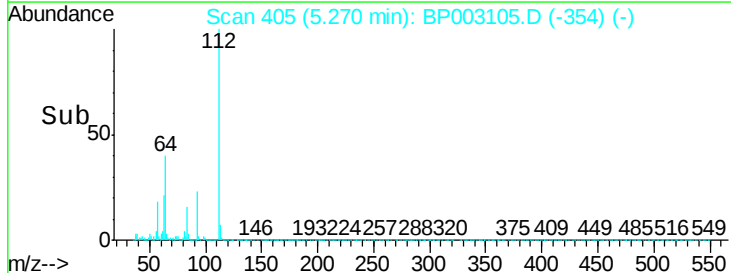
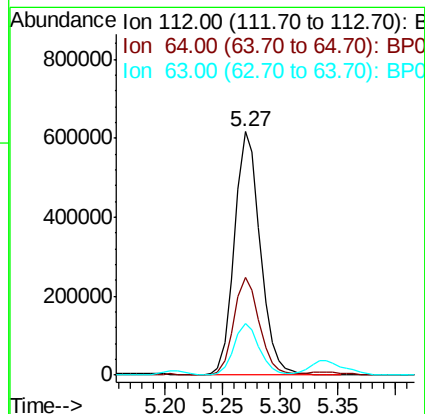
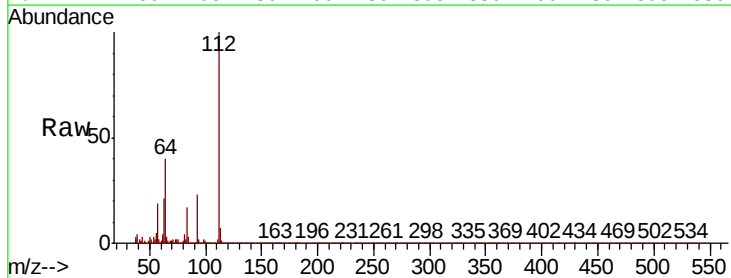
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.1	184.7
115	54.8	42.8	64.2

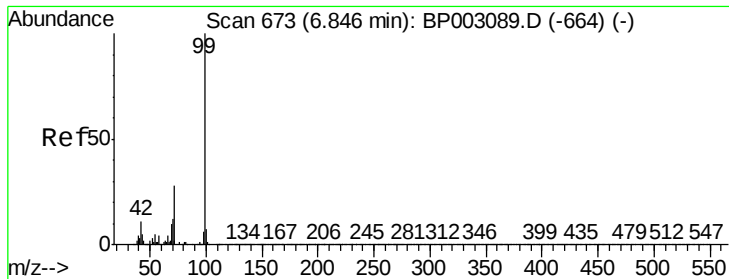


#5

2-Fluorophenol
Concen: 115.438 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.0	33.0	49.6
63	21.1	16.9	25.3





#7

Phenol-d6

Concen: 87.385 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

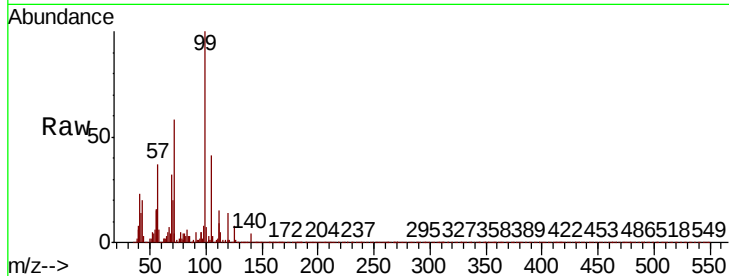
Tot Ion: 99 Resp: 907775

Ion Ratio Lower Upper

99 100

42 13.9 8.5 12.7#

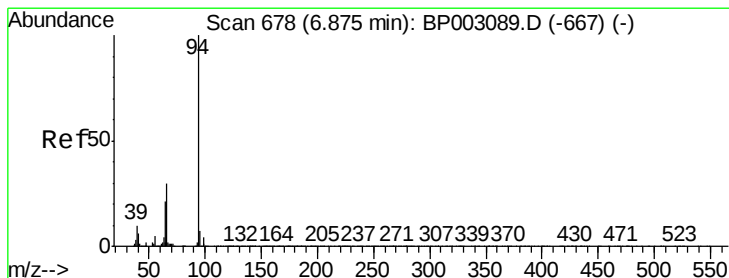
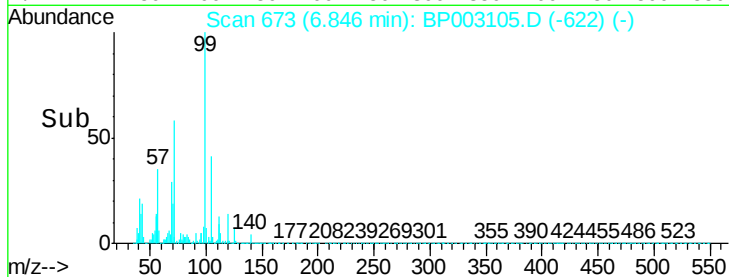
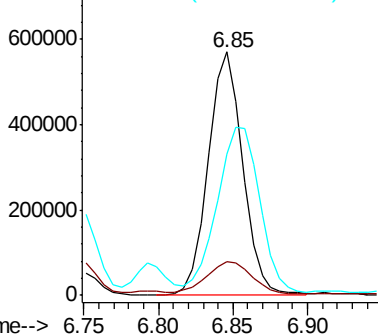
71 58.1 22.8 34.2#



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



#10

Phenol

Concen: 49.520 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

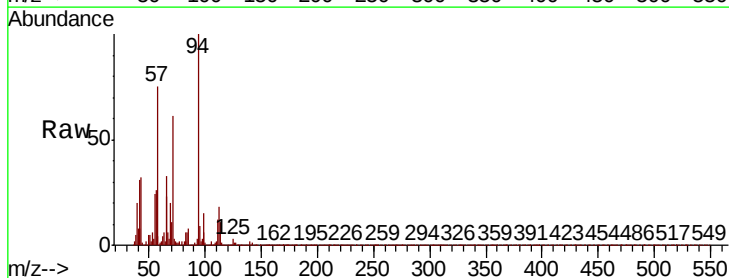
Tgt Ion: 94 Resp: 476726

Ion Ratio Lower Upper

94 100

65 23.1 1.0 41.0

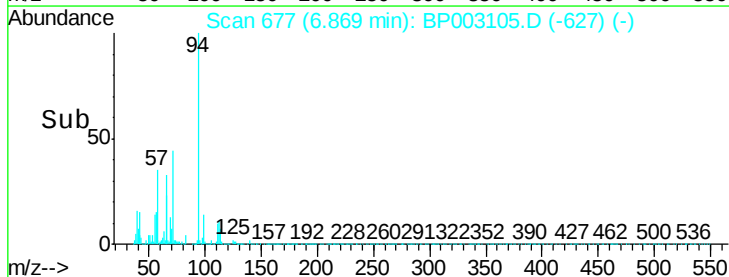
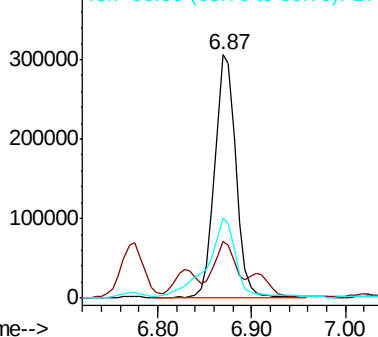
66 33.0 9.7 49.7

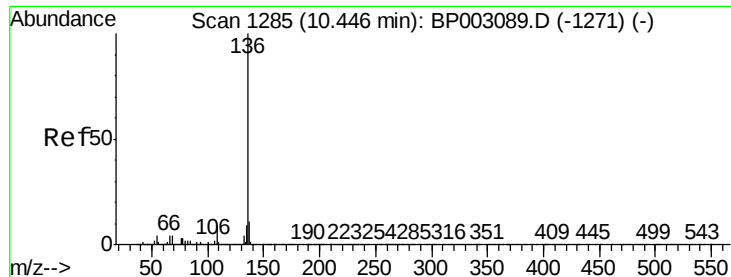


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

Tot Ion:136 Resp: 410435

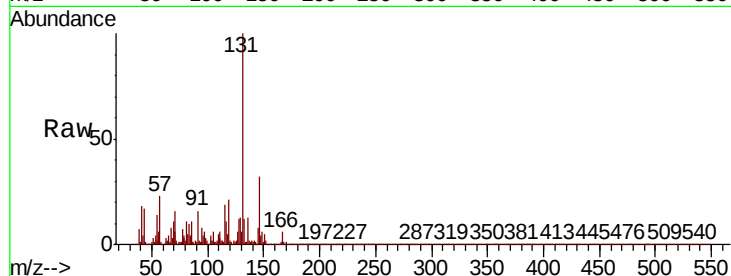
Ion Ratio Lower Upper

136 100

137 19.0 8.8 13.2#

54 18.2 3.5 5.3#

68 20.0 3.2 4.8#

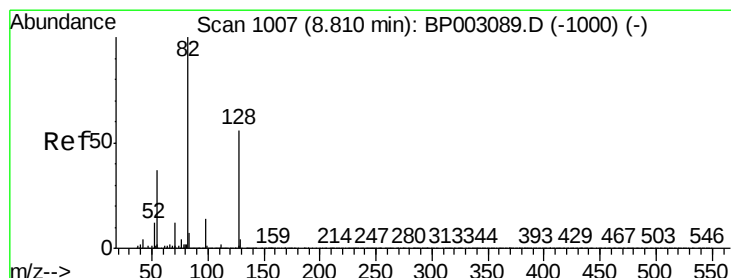
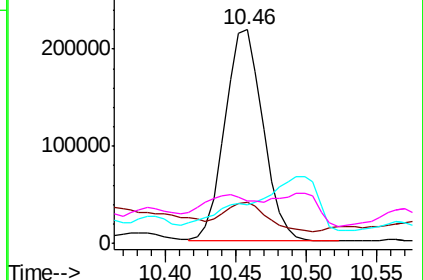
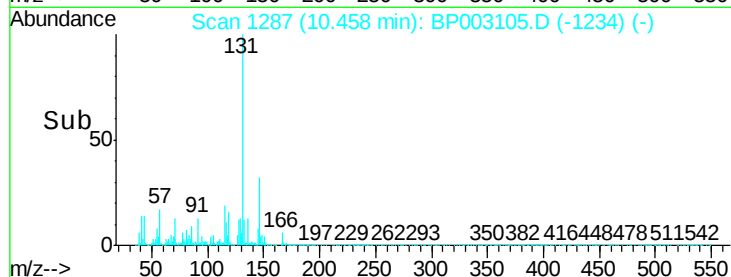


Abundance Ion 136.00 (135.70 to 136.70): E

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: 127.598 ng

RT: 8.82 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

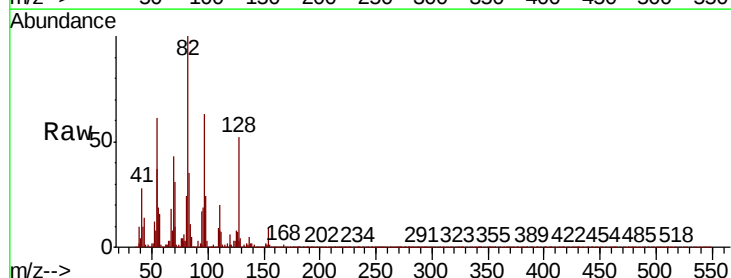
Tgt Ion: 82 Resp: 726454

Ion Ratio Lower Upper

82 100

128 52.3 44.9 67.3

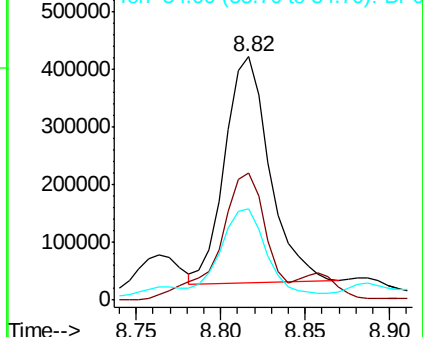
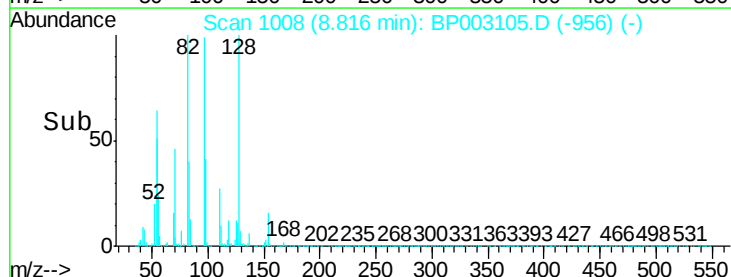
54 37.4 29.4 44.2

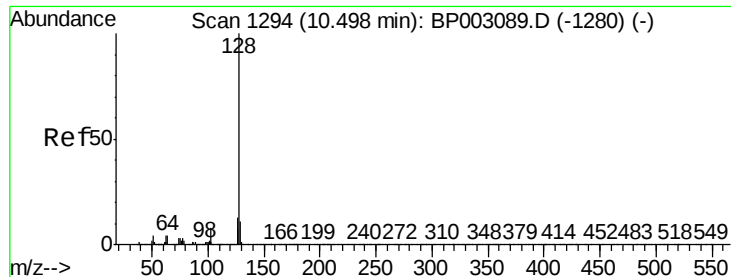


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#31

Naphthalene

Concen: 99.040 ng

RT: 10.52 min Scan# 1297

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

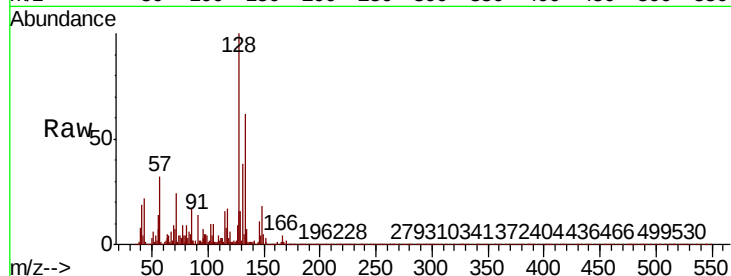
BNA_P

ClientSampled :

DRUM-1

Tot Ion:128 Resp: 2088456

Ion	Ratio	Lower	Upper
128	100		
129	15.9	8.6	13.0#
127	16.5	10.5	15.7#

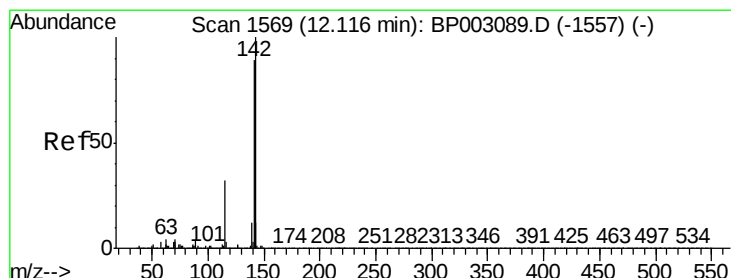
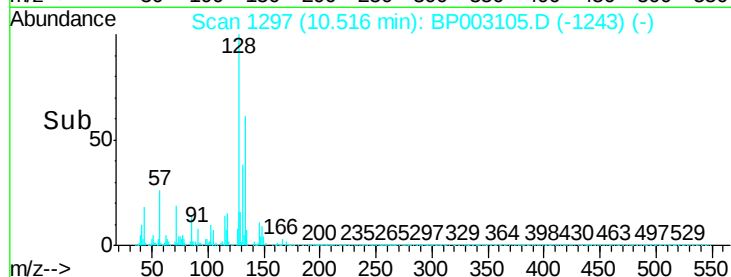
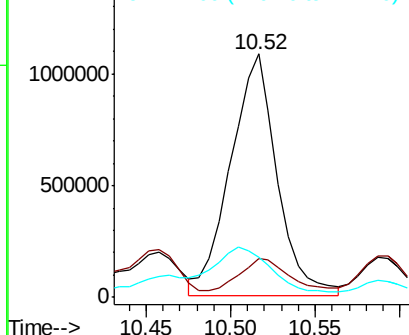


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 349.597 ng

RT: 12.15 min Scan# 1574

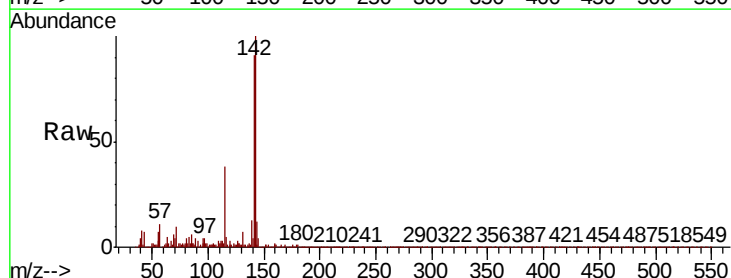
Delta R.T. 0.03 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Tgt Ion:142 Resp: 5273533

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.1	106.7
115	37.6	25.2	37.8

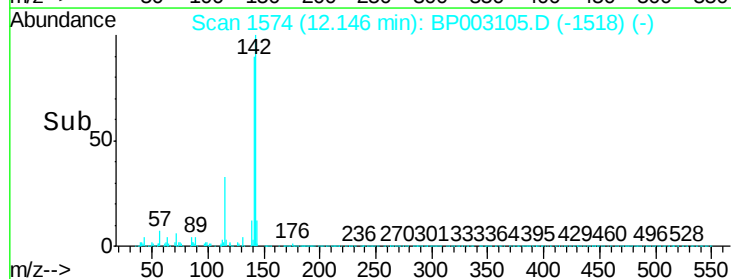
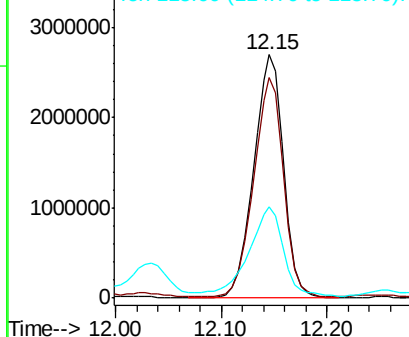


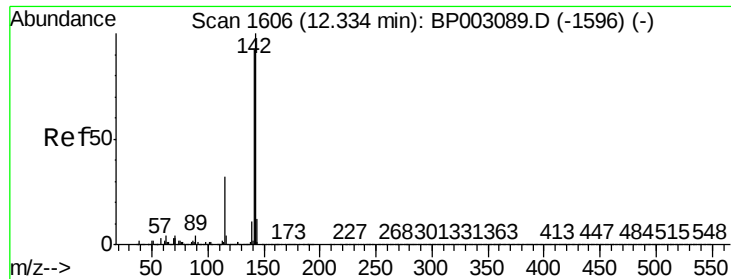
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

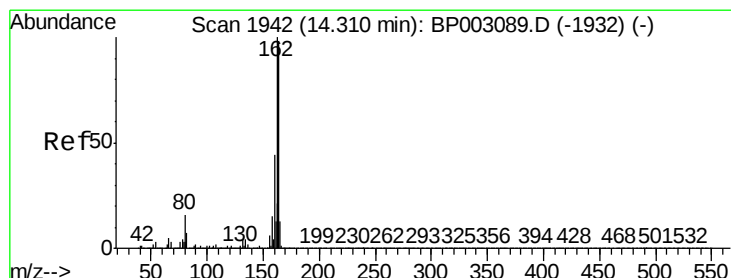
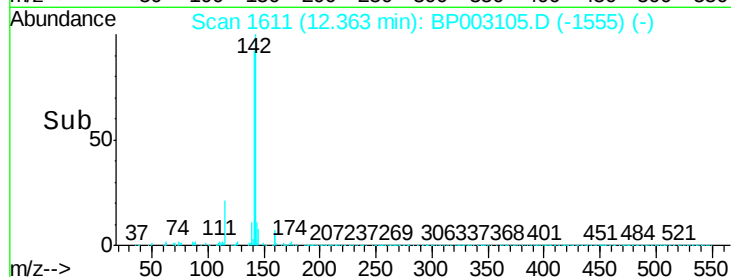
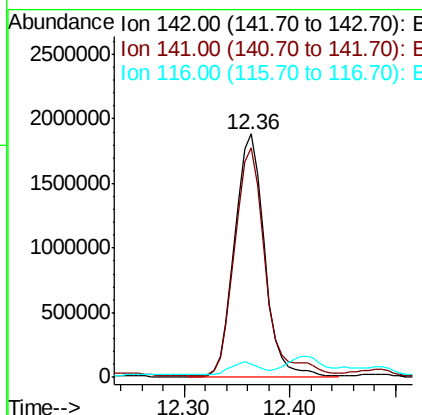
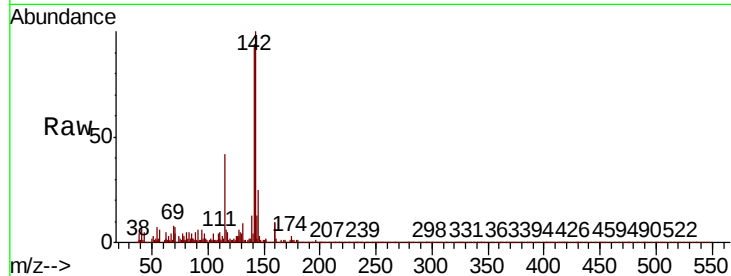




#38
 1-Methylnaphthalene
 Concen: 257.224 ng
 RT: 12.36 min Scan# 1611
 Delta R.T. 0.03 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

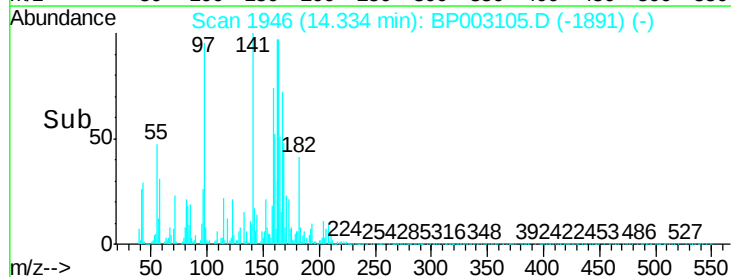
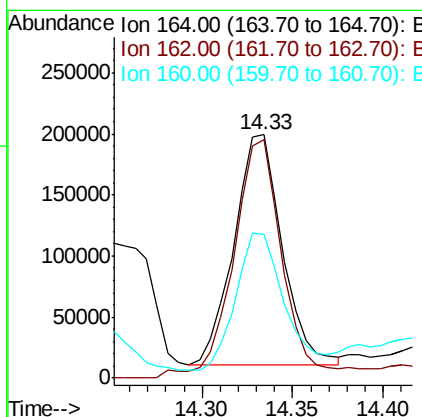
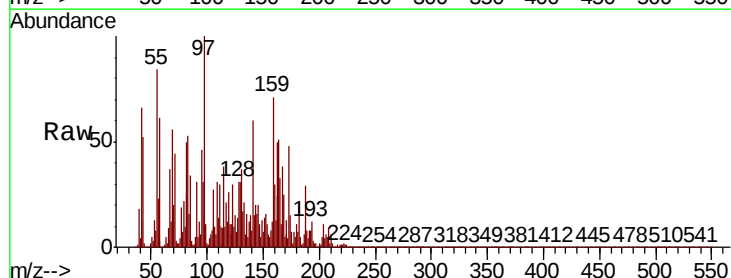
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1

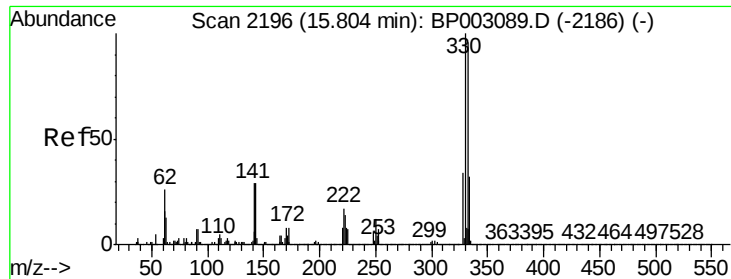
Tot Ion:142 Resp: 3687958
 Ion Ratio Lower Upper
 142 100
 141 94.1 73.8 110.8
 116 5.7 2.8 4.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

Tgt Ion:164 Resp: 346770
 Ion Ratio Lower Upper
 164 100
 162 97.9 81.2 121.8
 160 59.1 36.0 54.0#

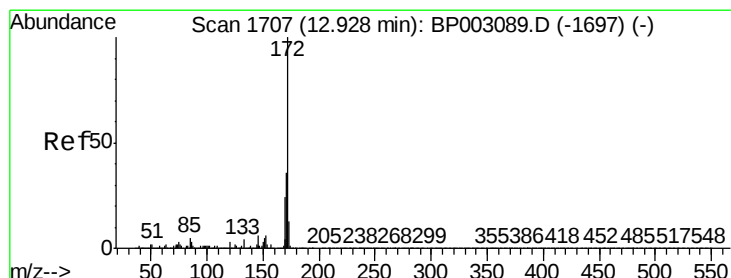
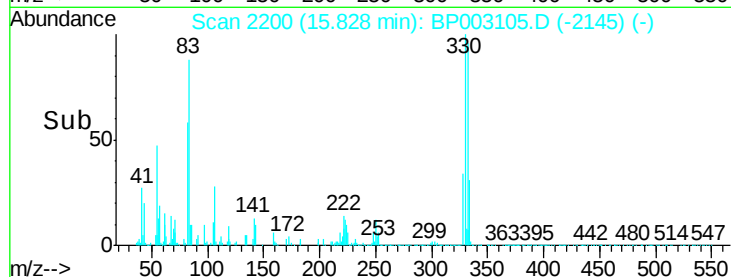
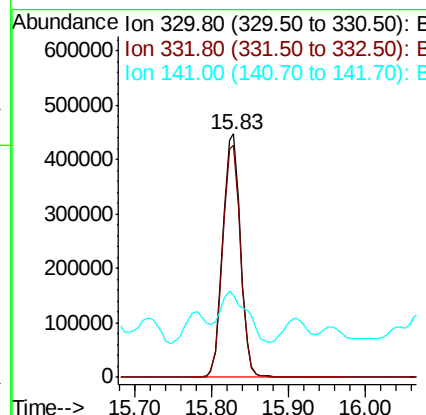
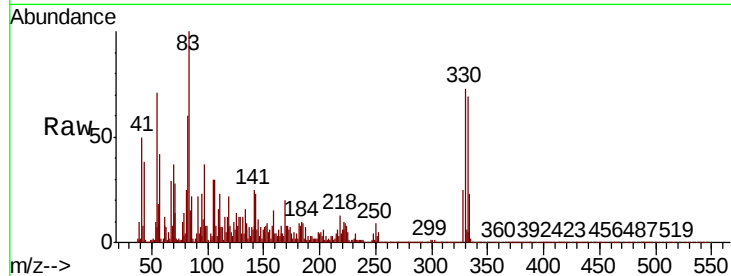




#42
2,4,6-Tribromophenol
Concen: 151.328 ng
RT: 15.83 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

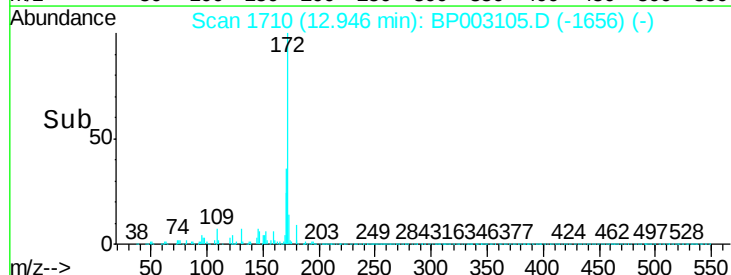
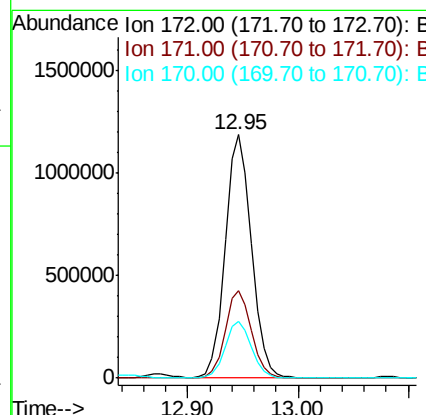
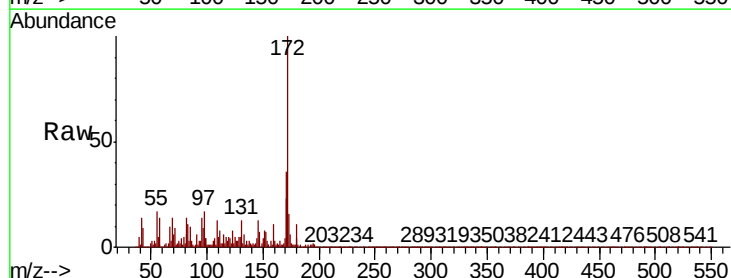
Instrument :
BNA_P
ClientSampleId :
DRUM-1

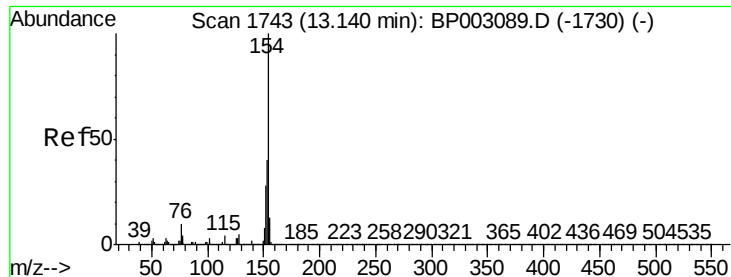
Tot Ion:330 Resp: 709726
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 31.7 24.4 36.6



#45
2-Fluorobiphenyl
Concen: 83.041 ng
RT: 12.95 min Scan# 1710
Delta R.T. 0.02 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:172 Resp: 1966349
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.5 19.0 28.4





#46

1,1'-Biphenyl

Concen: 33.227 ng

RT: 13.16 min Scan# 1746

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

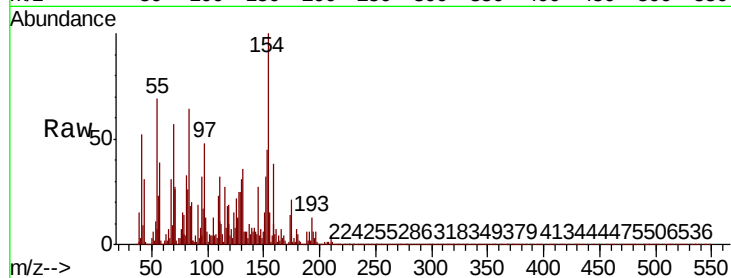
Tot Ion:154 Resp: 864241

Ion Ratio Lower Upper

154 100

153 45.0 20.3 60.3

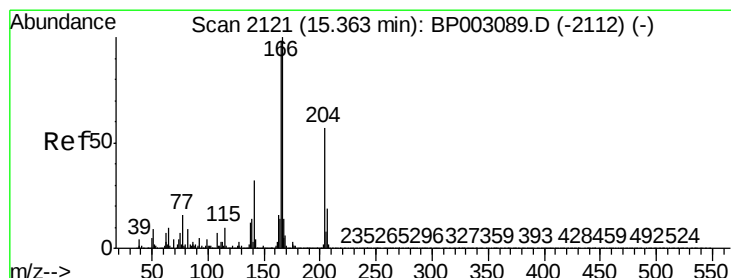
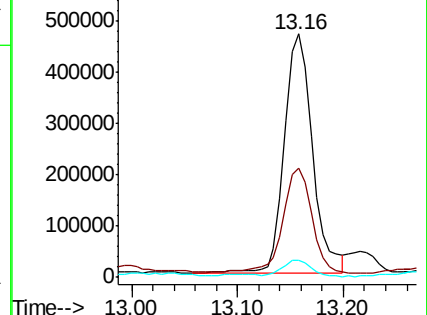
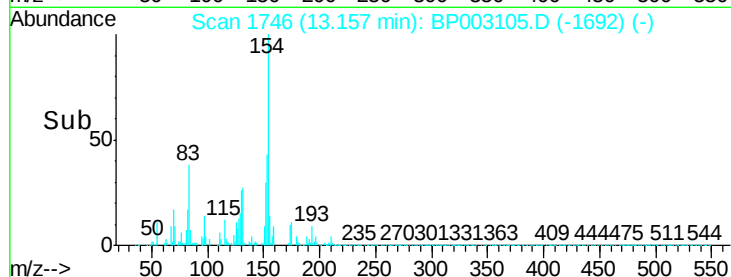
76 7.1 0.0 29.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BP0



#58

Fluorene

Concen: 20.344 ng

RT: 15.38 min Scan# 2124

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

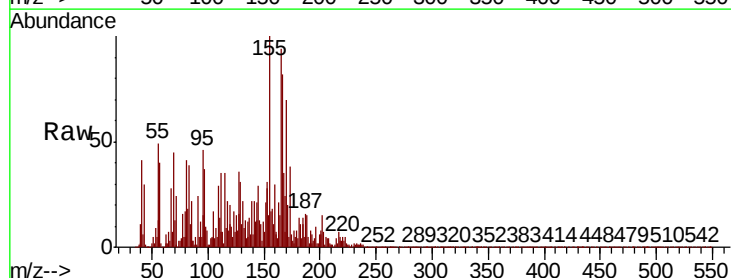
Tgt Ion:166 Resp: 486782

Ion Ratio Lower Upper

166 100

165 114.5 78.3 117.5

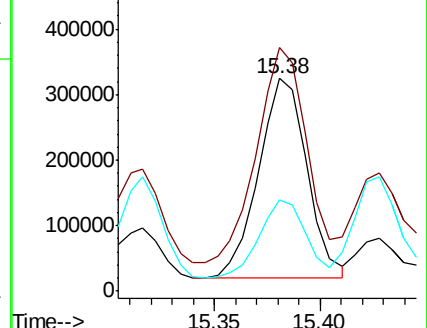
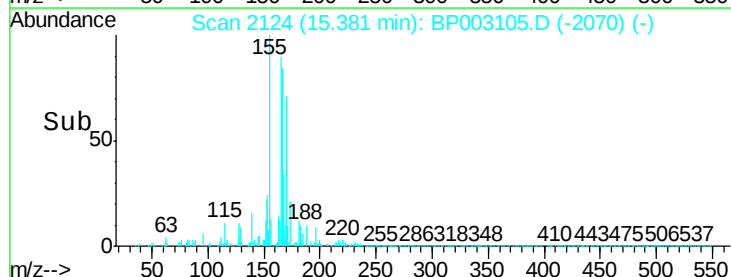
167 43.0 11.0 16.4#

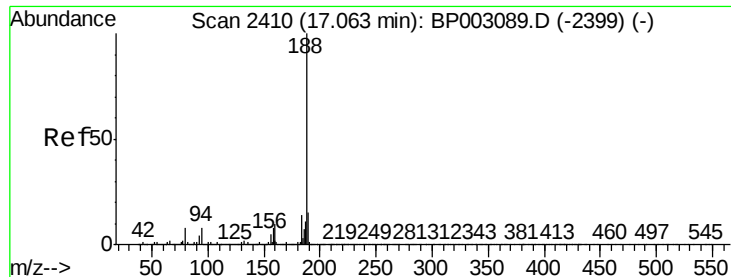


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

Instrument :

BNA_P

ClientSampleId :

DRUM-1

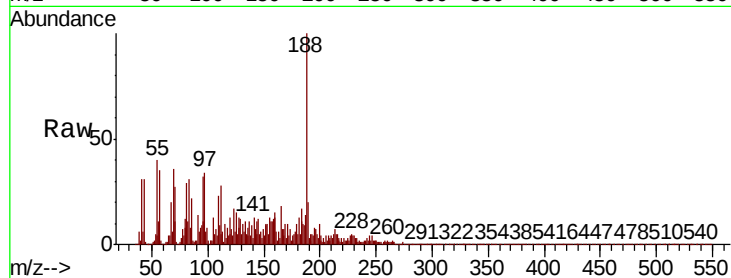
Tot Ion:188 Resp: 752319

Ion Ratio Lower Upper

188 100

94 8.8 6.2 9.4

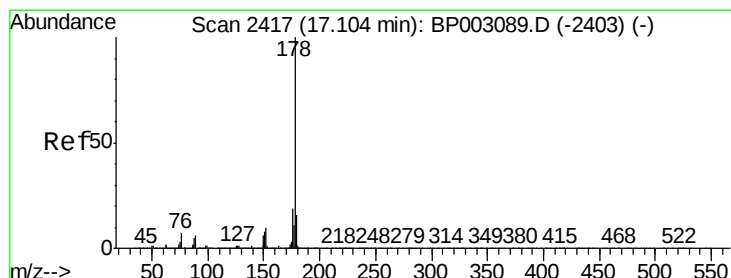
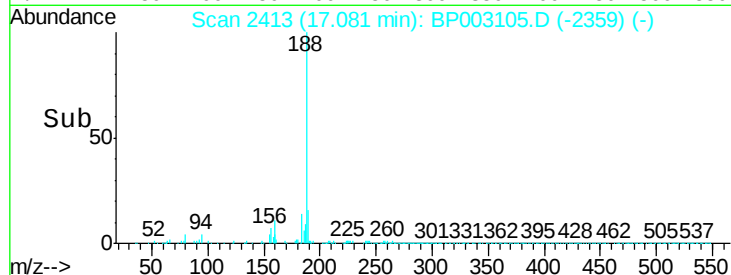
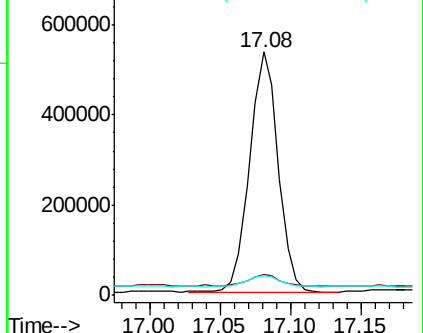
80 8.0 6.4 9.6



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



#71

Phenanthrene

Concen: 22.905 ng

RT: 17.12 min Scan# 2420

Delta R.T. 0.02 min

Lab File: BP003105.D

Acq: 25 Aug 2020 19:05

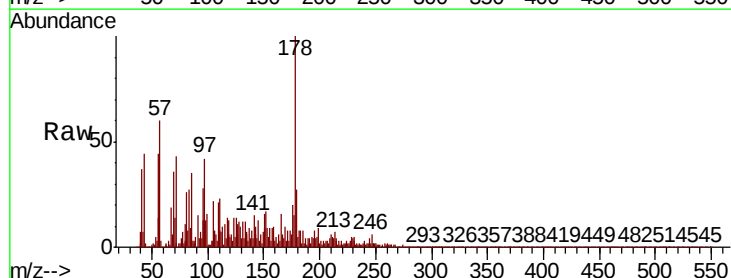
Tgt Ion:178 Resp: 933720

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

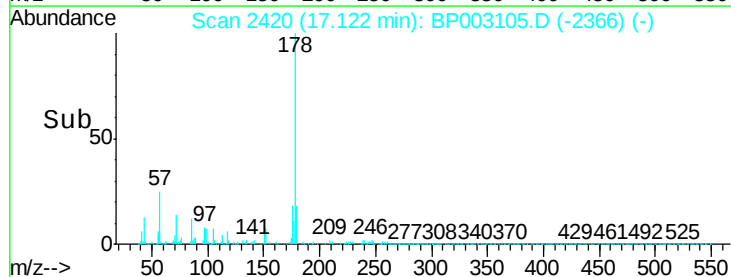
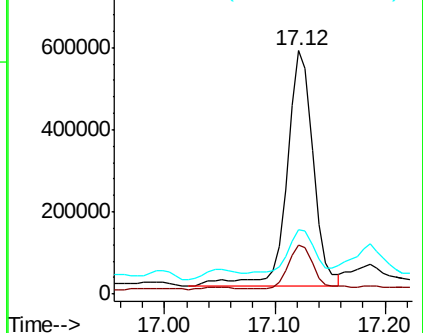
179 26.5 12.4 18.6#

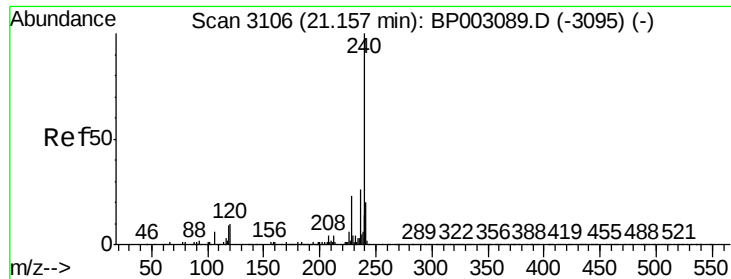


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

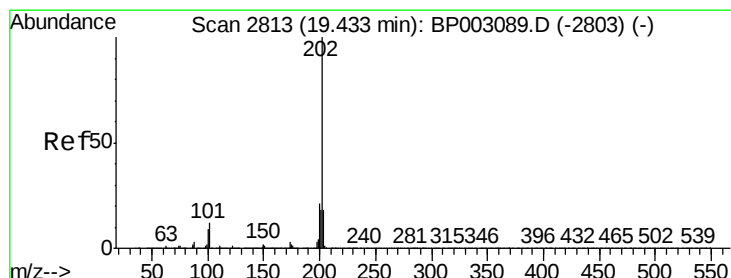
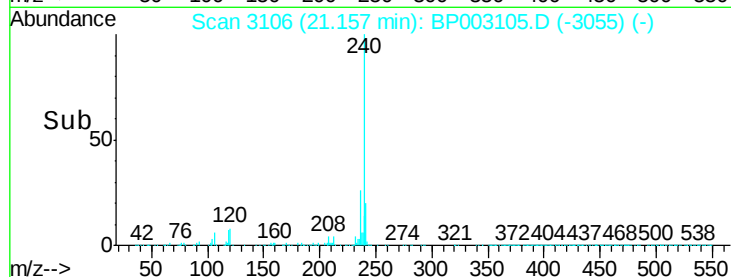
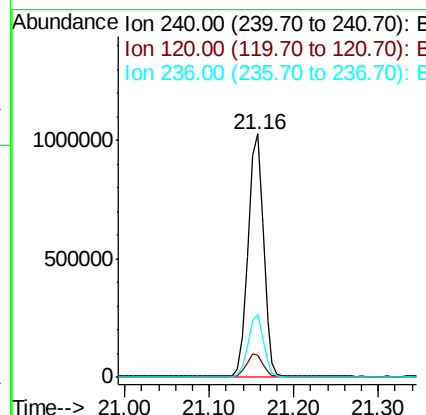
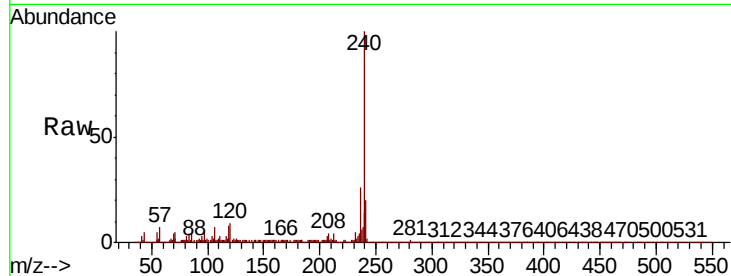




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

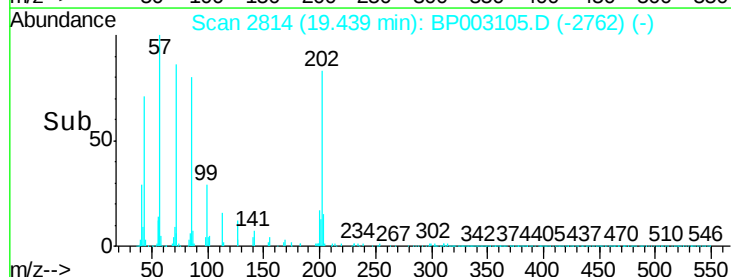
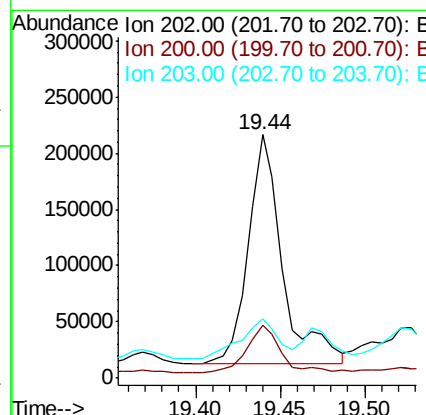
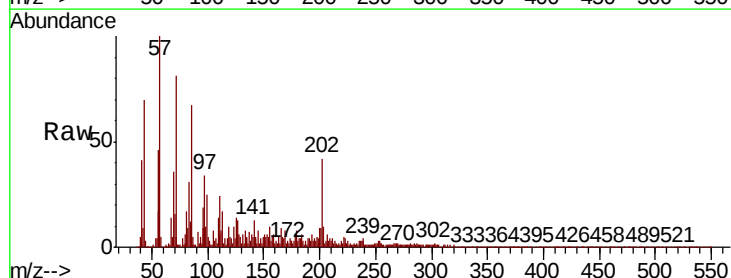
Instrument :
BNA_P
ClientSampleId :
DRUM-1

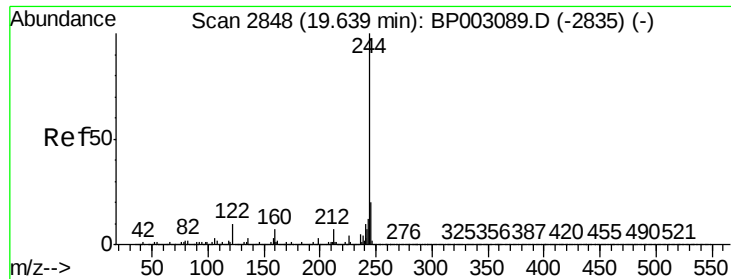
Tot Ion:240 Resp: 1289439
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 26.0 20.6 31.0



#78
Pyrene
Concen: 3.434 ng
RT: 19.44 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BP003105.D
Acq: 25 Aug 2020 19:05

Tgt Ion:202 Resp: 287419
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 24.6 14.0 21.0#

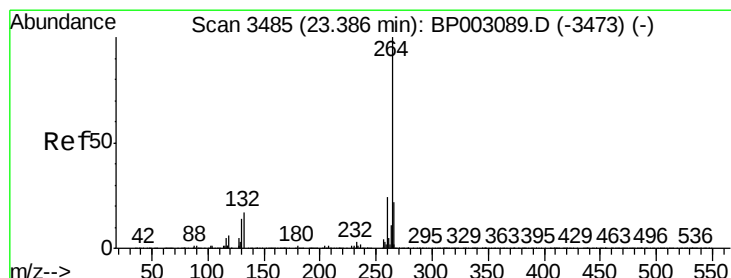
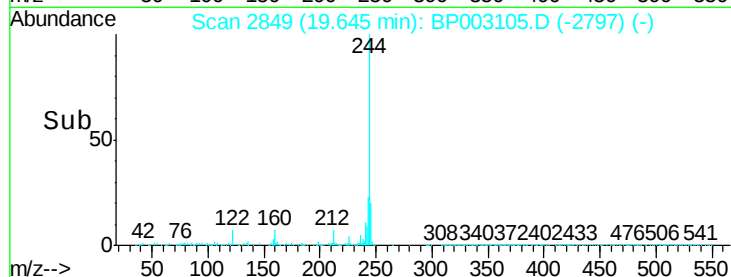
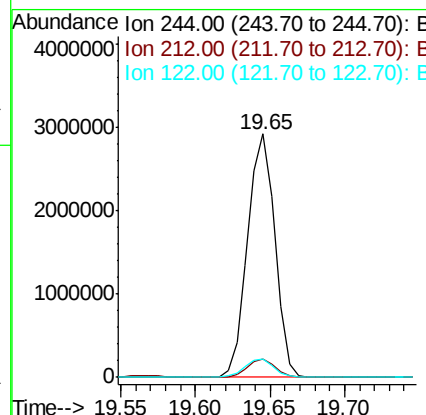
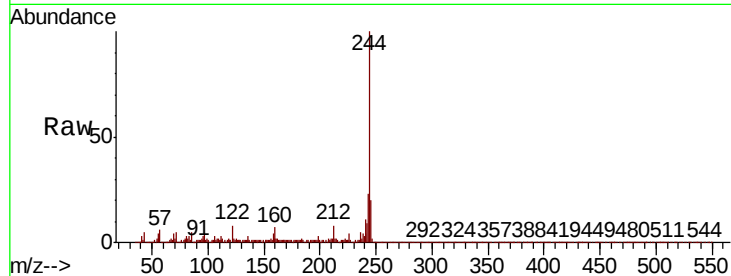




#79
 Terphenyl-d14
 Concen: 63.149 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. 0.01 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-1

Tot Ion:244 Resp: 3700520
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.6 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.43 min Scan# 3493
 Delta R.T. 0.05 min
 Lab File: BP003105.D
 Acq: 25 Aug 2020 19:05

Tgt Ion:264 Resp: 1578300
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.6 17.7 26.5

