

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003190.D
 Acq On : 02 Sep 2020 17:03
 Operator : CG/JU
 Sample : L3837-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-DSP02-01

Quant Time: Sep 02 18:15:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

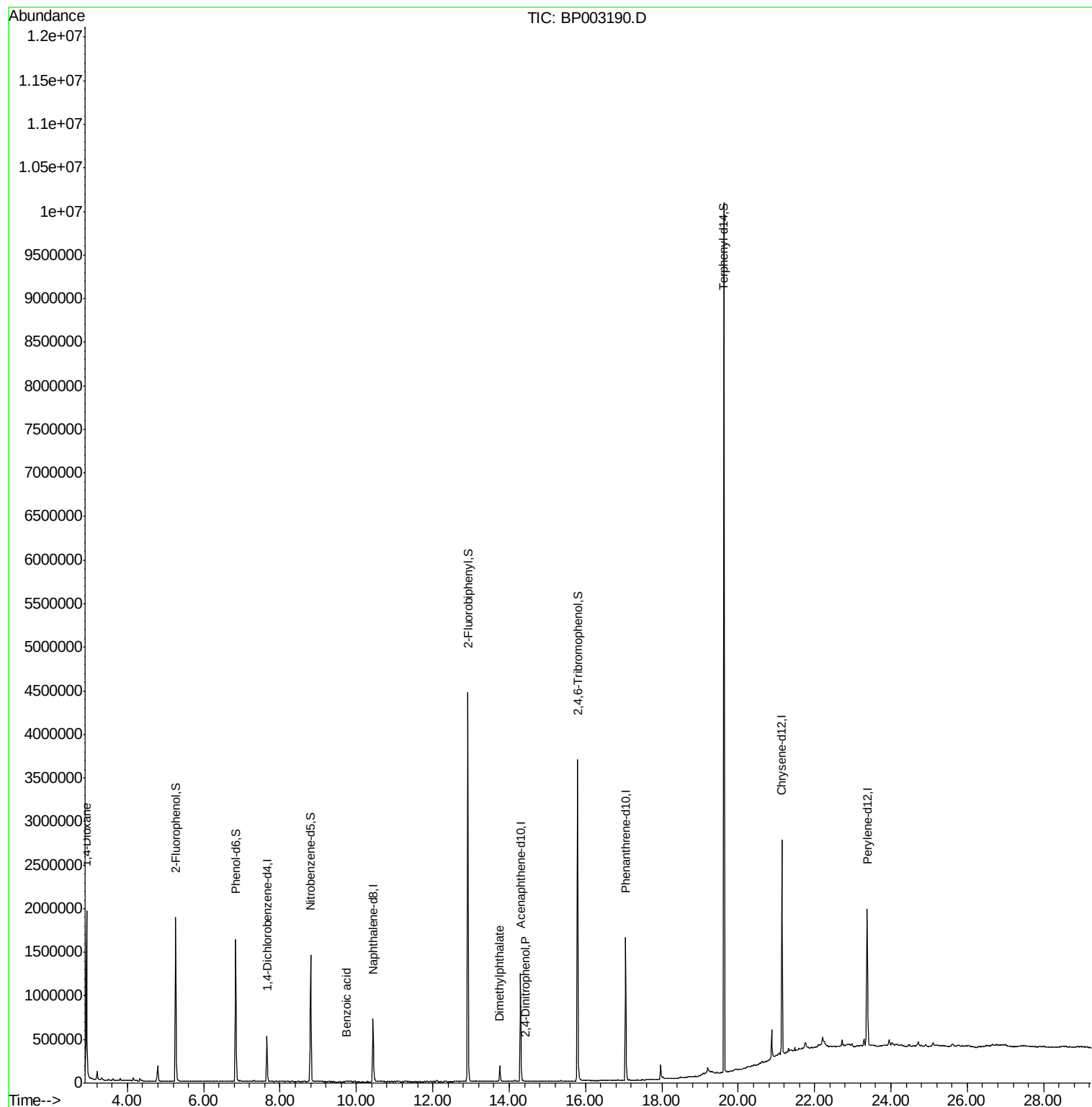
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	161118	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	695076	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	449843	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1036685	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1189026	20.00	ng	0.00
86) Perylene-d12	23.37	264	1190142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1013586	111.23	ng	0.00
7) Phenol-d6	6.84	99	1105311	96.76	ng	0.00
23) Nitrobenzene-d5	8.80	82	852652	88.43	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	821670	135.05	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2468010	80.35	ng	0.00
79) Terphenyl-d14	19.63	244	4363412	80.75	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.93	88	18354	5.268	ng	# 1
32) Benzoic acid	9.73	122	797	9.096	ng	# 82
50) Dimethylphthalate	13.76	163	138362	4.033	ng	100
54) 2,4-Dinitrophenol	14.42	184	34	7.763	ng	# 1

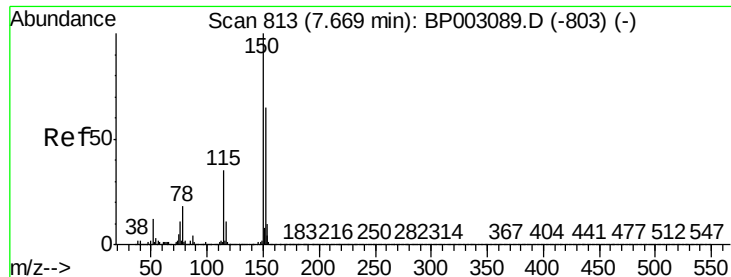
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 810

Delta R.T. 0.00 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

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BNA_P

ClientSampleId :

789UMR-DSP02-01

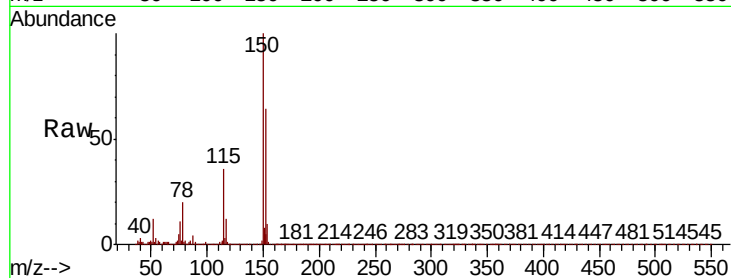
Tot Ion:152 Resp: 161118

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

115 56.1 43.8 65.6



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

200000

150000

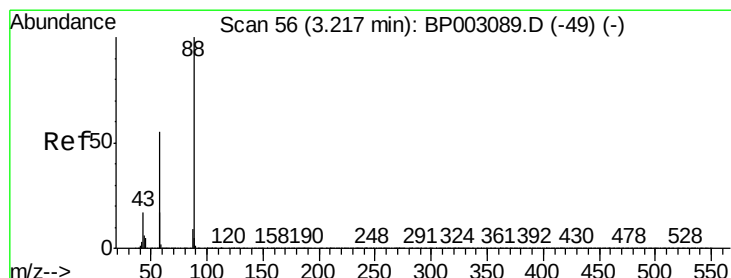
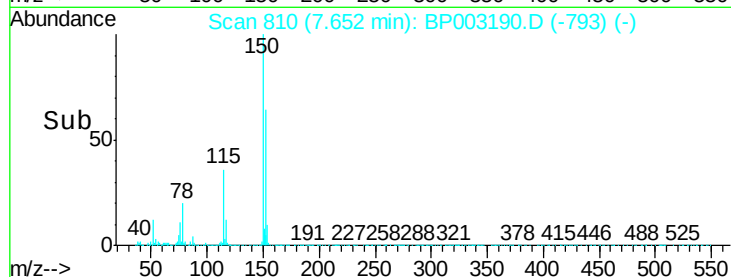
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

1,4-Dioxane

Concen: 5.268 ng

RT: 2.93 min Scan# 8

Delta R.T. -0.26 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

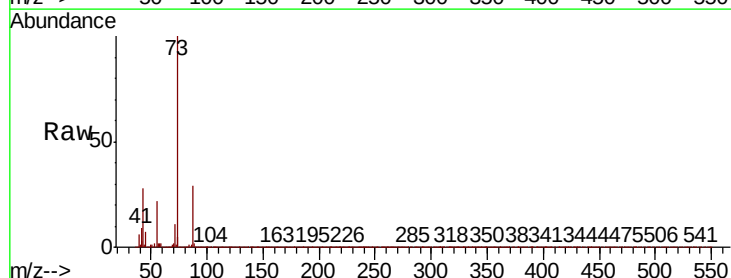
Tgt Ion: 88 Resp: 18354

Ion Ratio Lower Upper

88 100

58 21.3 44.2 66.4#

43 1690.6 15.2 22.8#



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

300000

250000

200000

150000

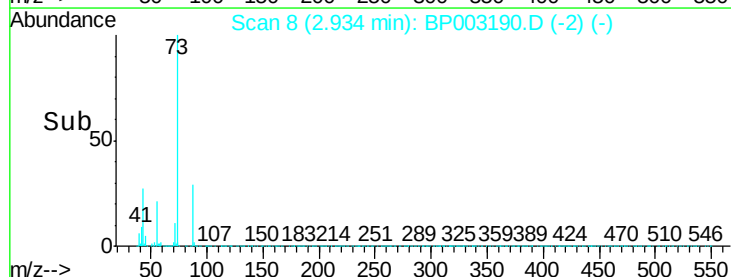
100000

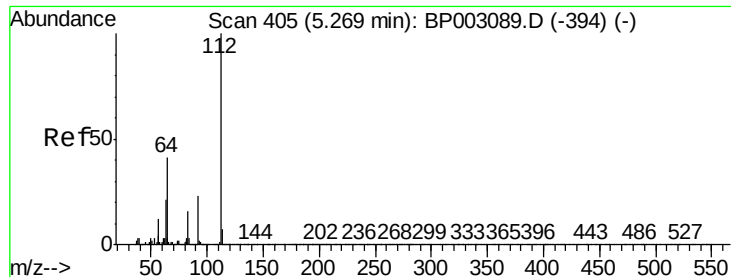
50000

0

2.90 2.95 3.00

Time-->





#5

2-Fluorophenol

Concen: 111.226 ng

RT: 5.26 min Scan# 404

Delta R.T. 0.00 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

Instrument :

BNA_P

ClientSampleId :

789UMR-DSP02-01

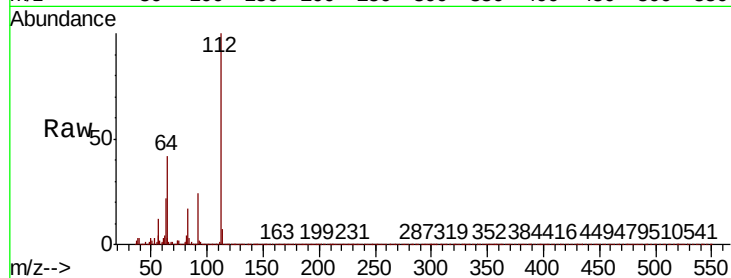
Tot Ion:112 Resp: 1013586

Ion Ratio Lower Upper

112 100

64 42.4 32.8 49.2

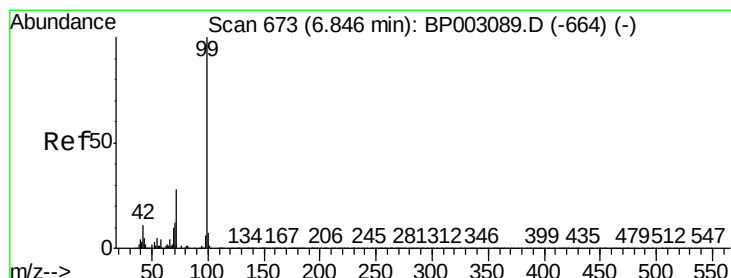
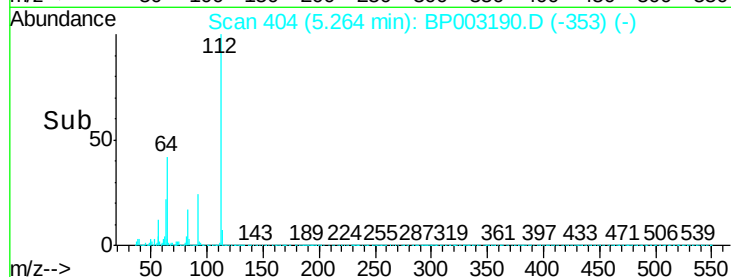
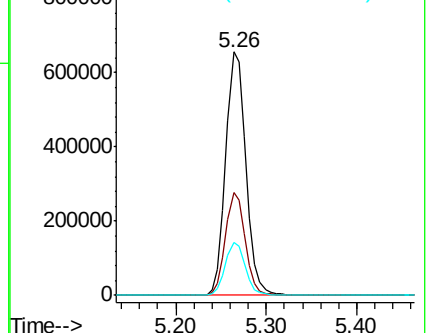
63 21.6 17.0 25.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 96.757 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

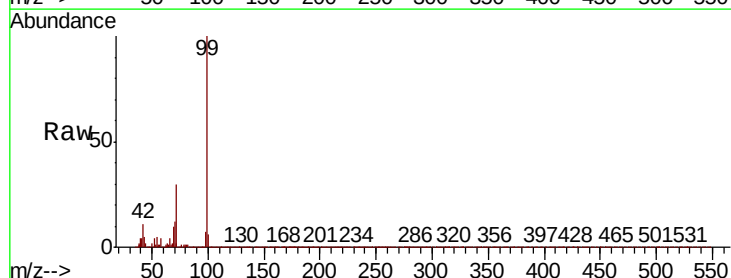
Tgt Ion: 99 Resp: 1105311

Ion Ratio Lower Upper

99 100

42 10.9 8.6 13.0

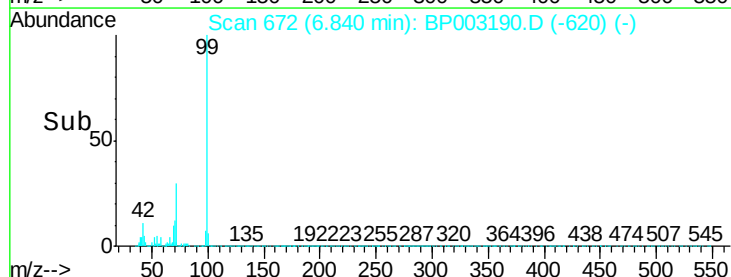
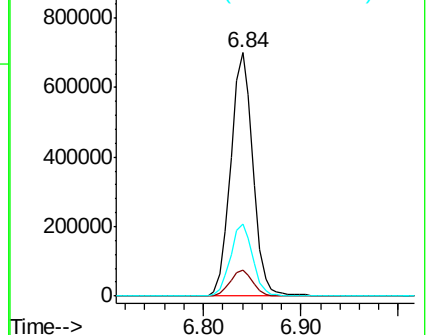
71 29.6 23.4 35.2

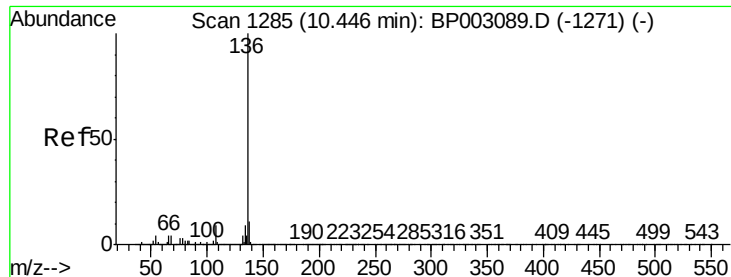


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

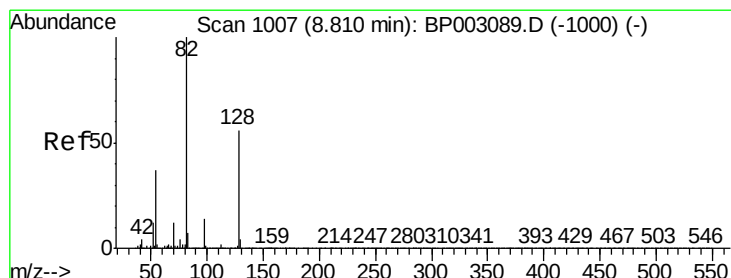
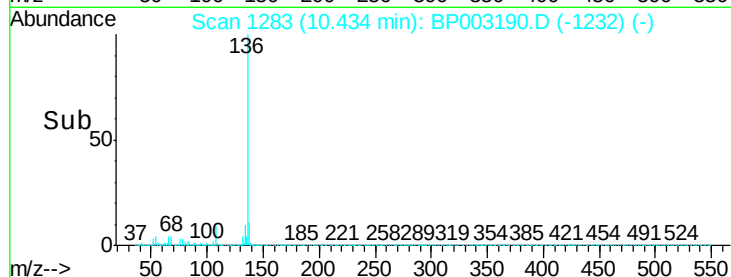
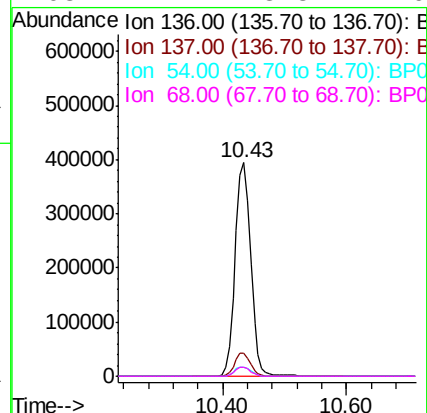
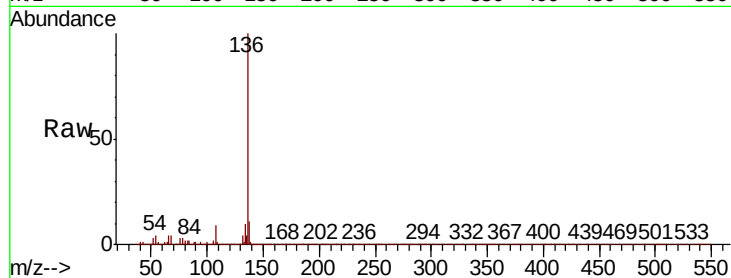




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BP003190.D
Acq: 02 Sep 2020 17:03

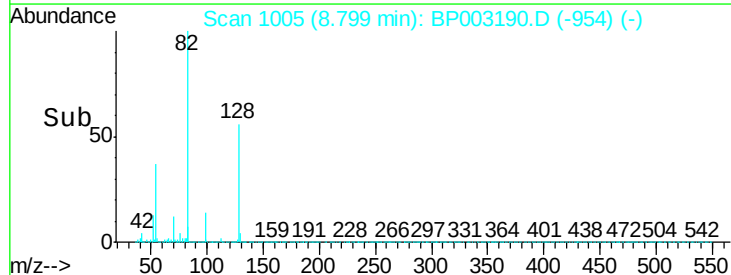
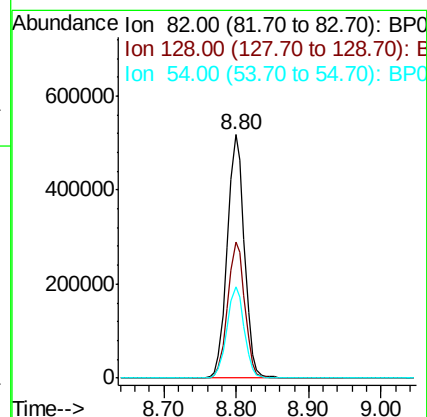
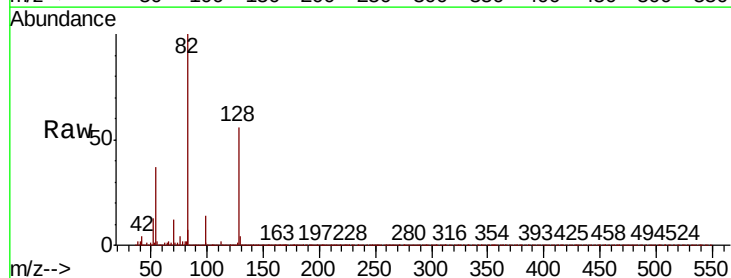
Instrument :
BNA_P
ClientSampleId :
789UMR-DSP02-01

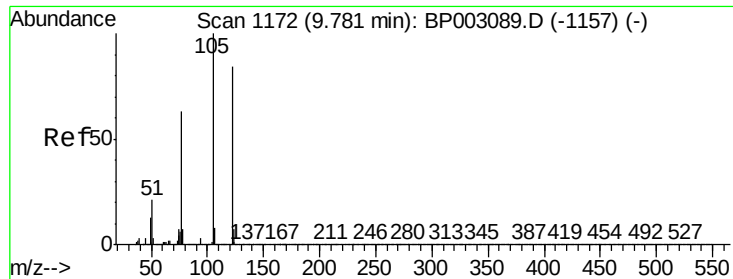
Tot Ion:136	Resp: 695076
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 4.5	3.6 5.4
68 4.1	3.3 4.9



#23
Nitrobenzene-d5
Concen: 88.434 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BP003190.D
Acq: 02 Sep 2020 17:03

Tgt	Ion: 82	Resp:	852652
Ion	Ratio	Lower	Upper
82	100		
128	56.1	45.6	68.4
54	37.5	30.1	45.1

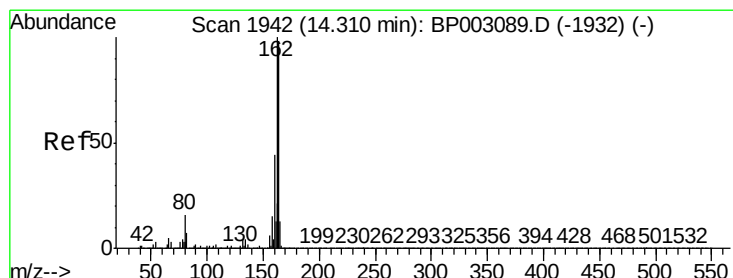
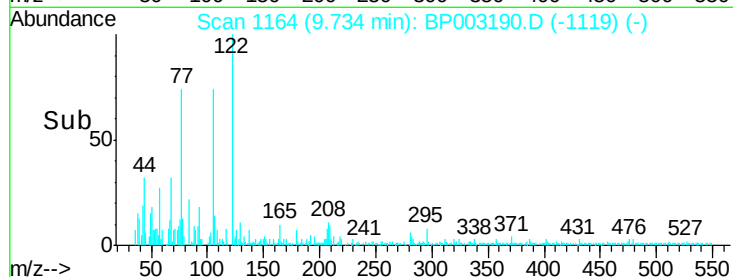
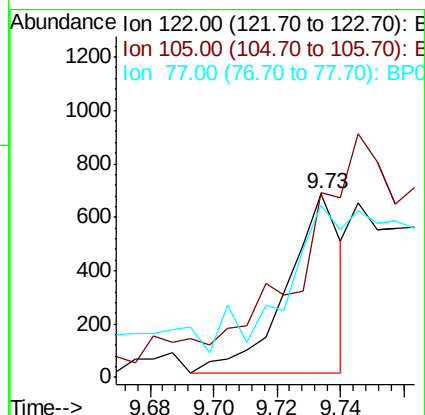
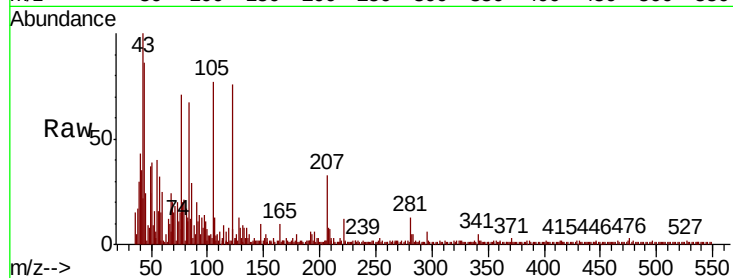




#32
Benzoic acid
Concen: 9.096 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BP003190.D
Acq: 02 Sep 2020 17:03

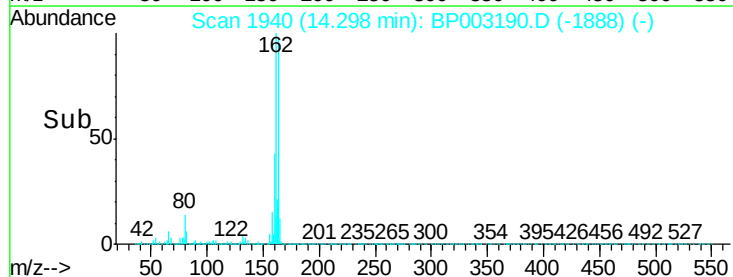
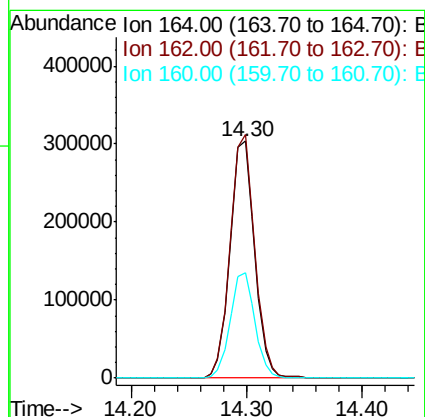
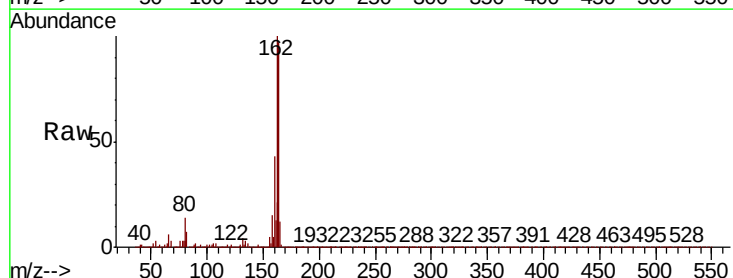
Instrument :
BNA_P
ClientSampleId :
789UMR-DSP02-01

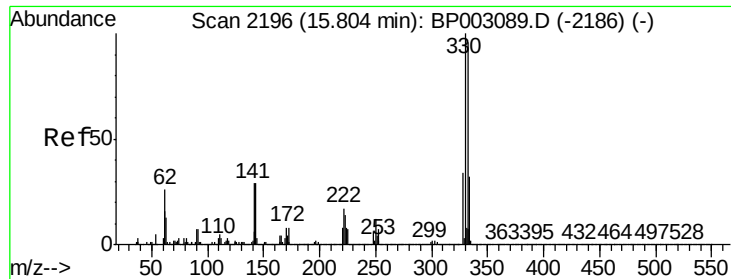
Tot Ion:122 Resp: 797
Ion Ratio Lower Upper
122 100
105 100.6 94.1 134.1
77 93.2 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BP003190.D
Acq: 02 Sep 2020 17:03

Tgt Ion:164 Resp: 449843
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.2
160 44.7 36.1 54.1

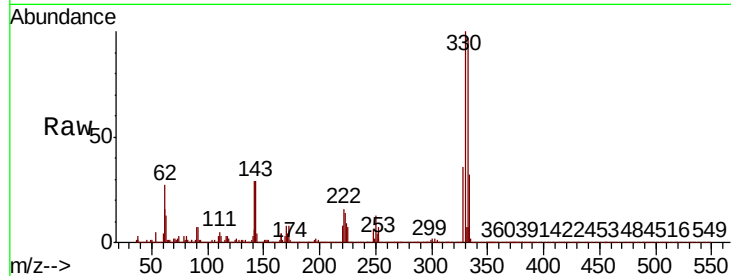




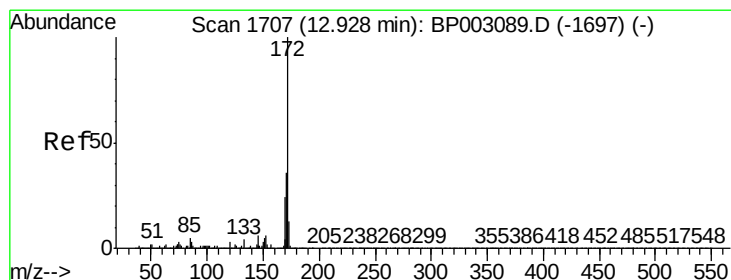
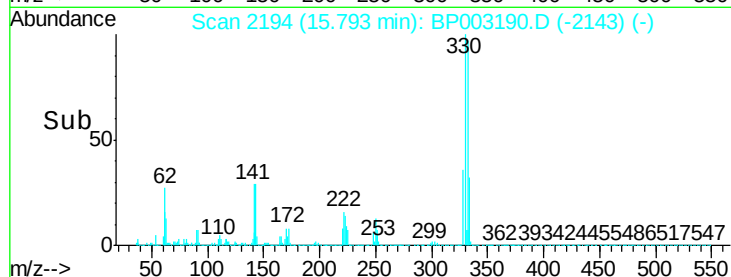
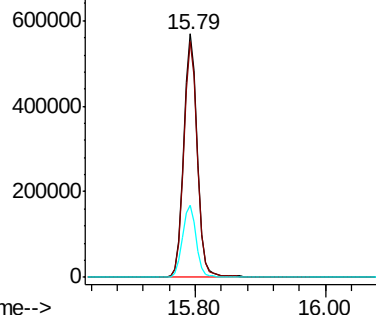
#42
2,4,6-Tribromophenol
Concen: 135.054 ng
RT: 15.79 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BP003190.D
Acq: 02 Sep 2020 17:03

Instrument :
BNA_P
ClientSampleId :
789UMR-DSP02-01

Tot Ion:330 Resp: 821670
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 30.4 23.4 35.2

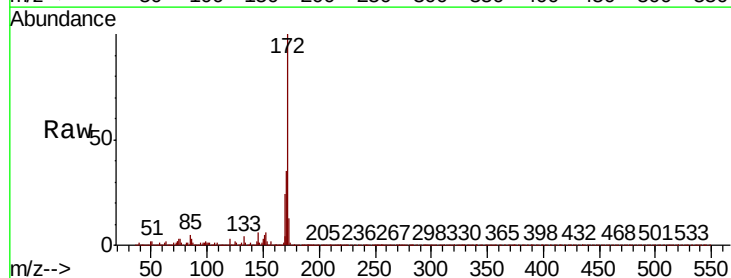


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

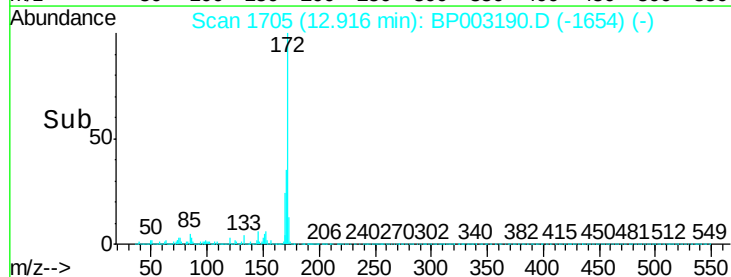
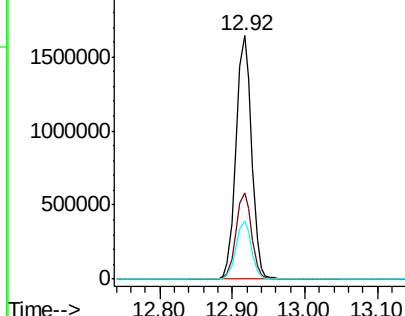


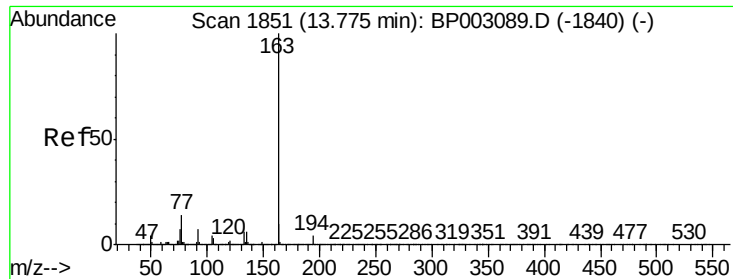
#45
2-Fluorobiphenyl
Concen: 80.345 ng
RT: 12.92 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BP003190.D
Acq: 02 Sep 2020 17:03

Tgt Ion:172 Resp: 2468010
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.0 19.2 28.8



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





#50

Dimethylphthalate

Concen: 4.033 ng

RT: 13.76 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

Instrument :

BNA_P

ClientSampleId :

789UMR-DSP02-01

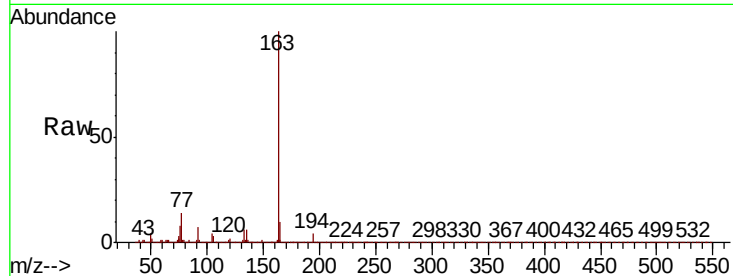
Tot Ion:163 Resp: 138362

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

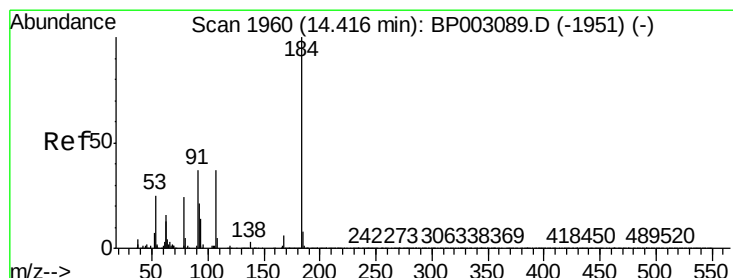
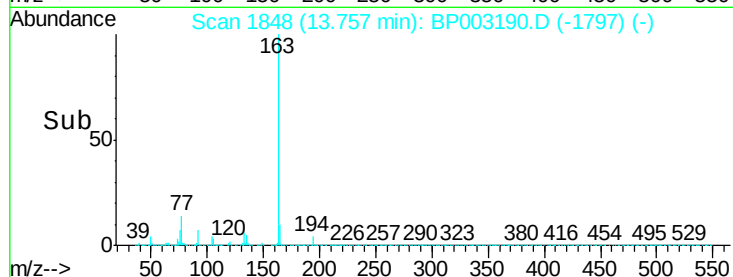
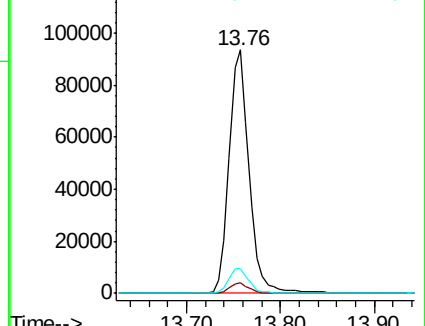
164 10.3 8.2 12.2



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



#54

2,4-Dinitrophenol

Concen: 7.763 ng

RT: 14.42 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

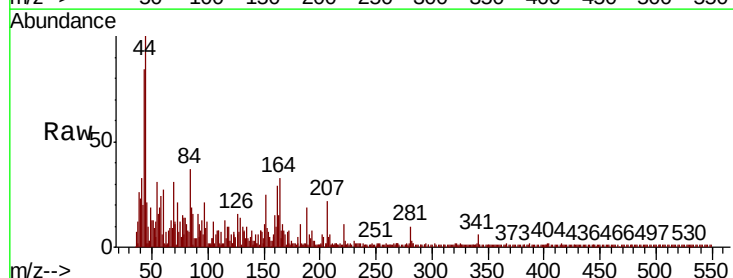
Tgt Ion:184 Resp: 34

Ion Ratio Lower Upper

184 100

63 234.3 32.3 48.5#

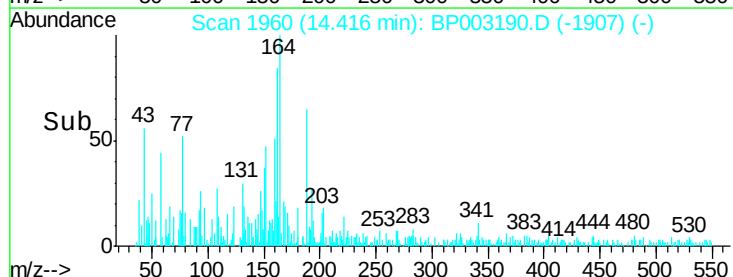
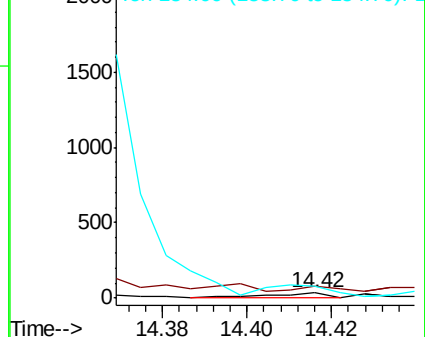
154 217.1 49.1 73.7#

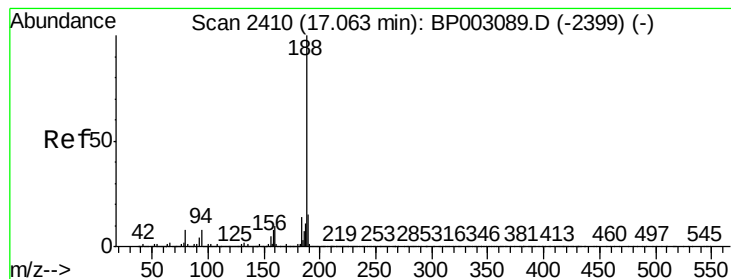


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

Instrument :

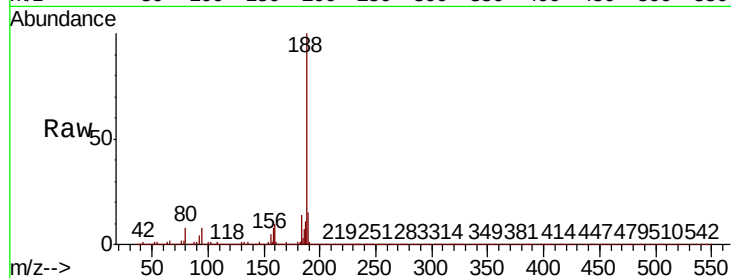
BNA_P

ClientSampleId :

789UMR-DSP02-01

Tot Ion:188 Resp: 1036685

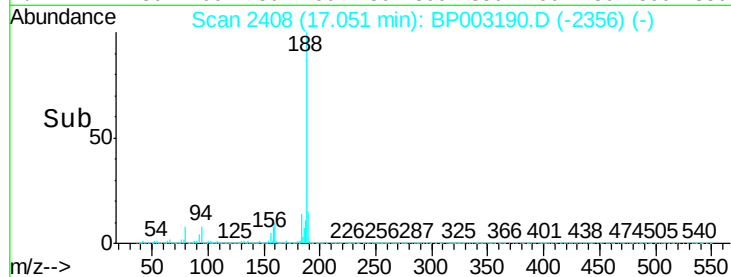
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.2	9.2



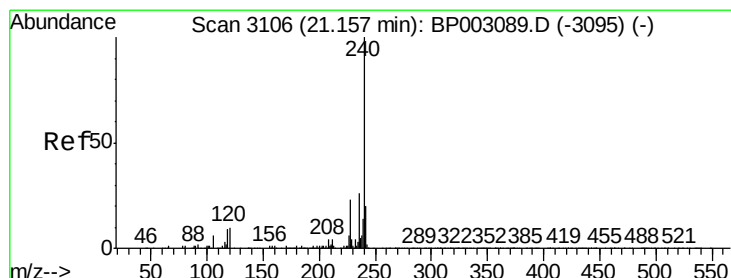
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

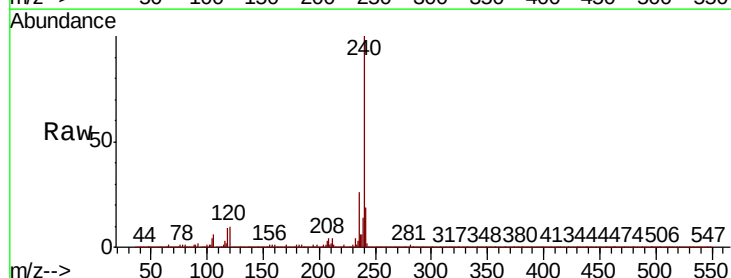
Delta R.T. 0.00 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

Tgt Ion:240 Resp: 1189026

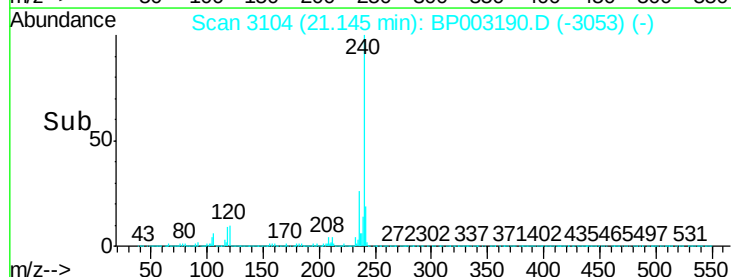
Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.8	11.6
236	25.8	20.8	31.2



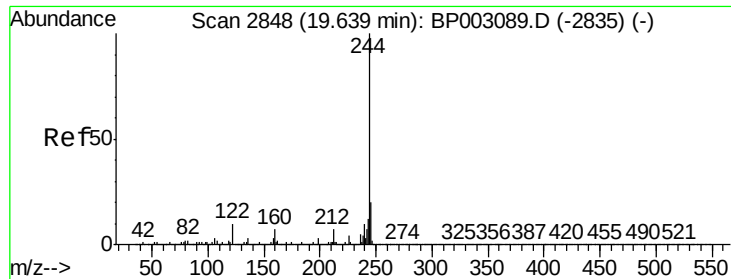
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 80.750 ng

RT: 19.63 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

Instrument :

BNA_P

ClientSampleId :

789UMR-DSP02-01

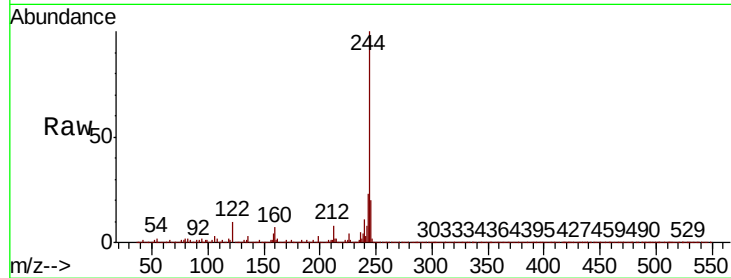
Tot Ion:244 Resp: 4363412

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

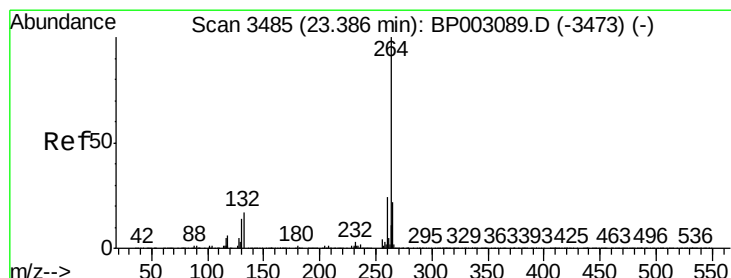
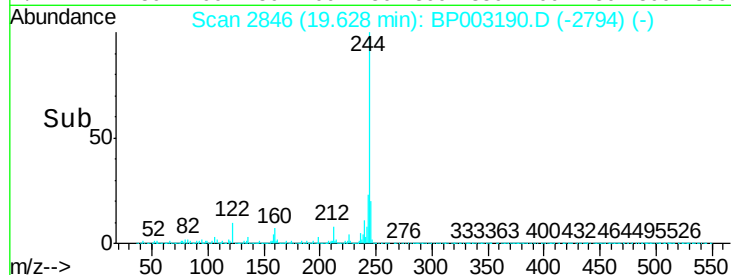
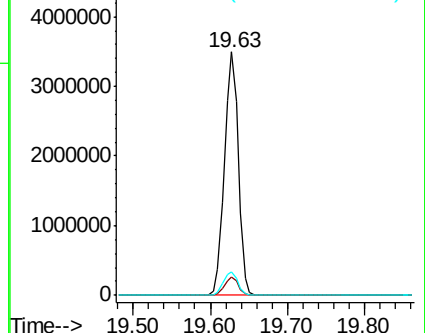
122 9.6 7.8 11.8



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: 23.37 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BP003190.D

Acq: 02 Sep 2020 17:03

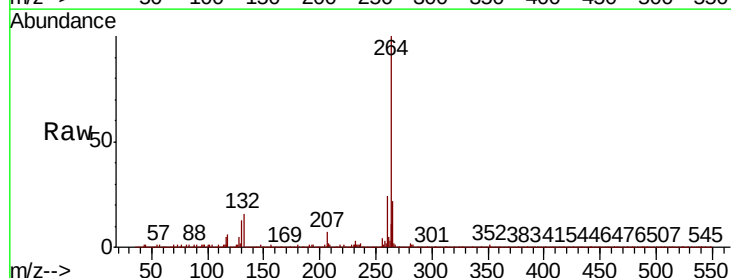
Tgt Ion:264 Resp: 1190142

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.0 17.4 26.2



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

