

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003195.D
 Acq On : 02 Sep 2020 19:54
 Operator : CG/JU
 Sample : L3876-05 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1577

Quant Time: Sep 03 01:02:26 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

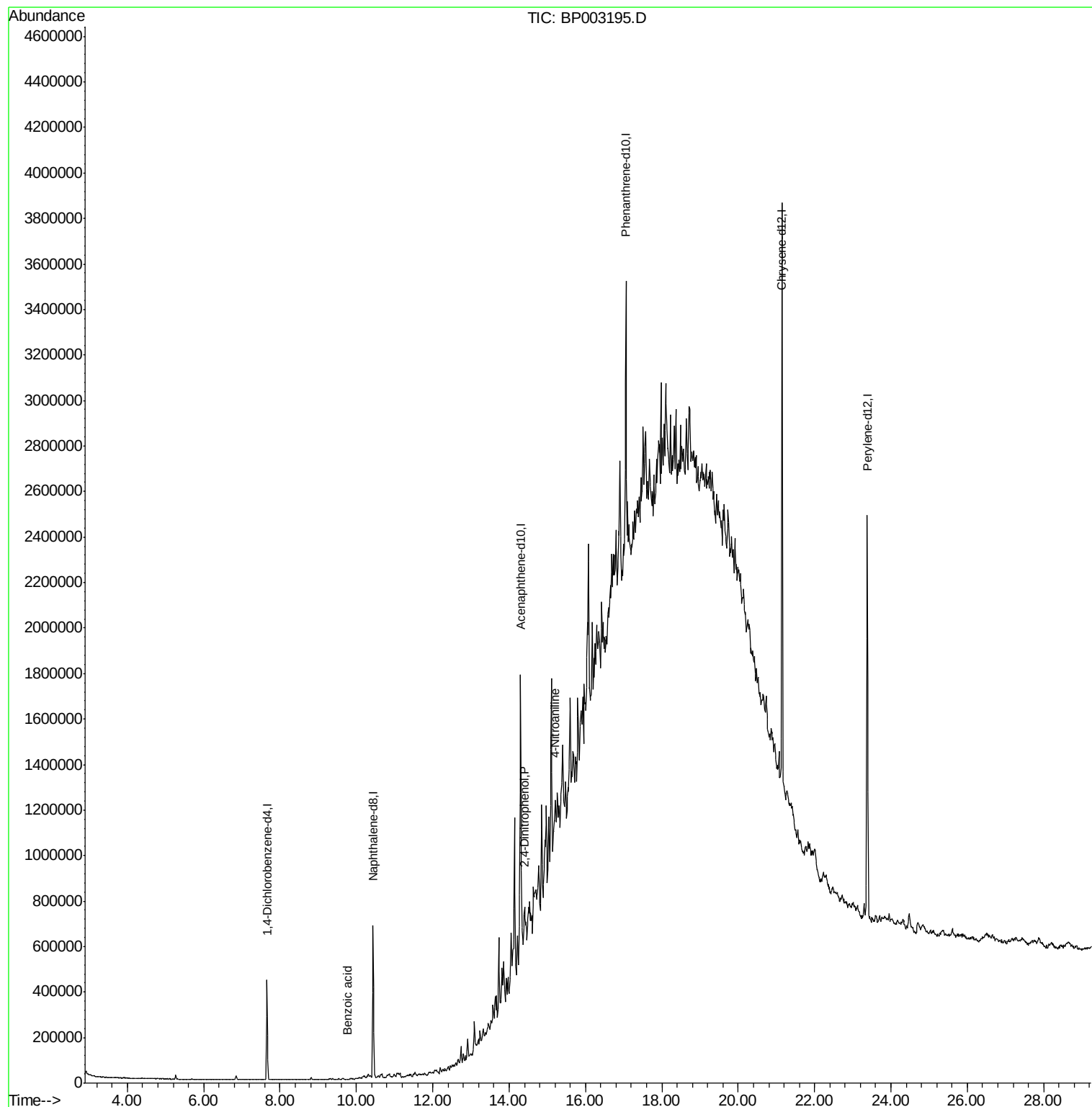
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	136501	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	600556	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	404402	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	885448	20.00	ng	0.01
76) Chrysene-d12	21.15	240	1222123	20.00	ng	0.00
86) Perylene-d12	23.38	264	1308790	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	10429	1.35	ng	0.00
7) Phenol-d6	6.85	99	11497	1.19	ng	0.01
23) Nitrobenzene-d5	8.80	82	7010	0.84	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	7366	1.35	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	25773	0.93	ng	0.00
79) Terphenyl-d14	19.63	244	52495	0.95	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	24	9.000	ng	# 1
54) 2,4-Dinitrophenol	14.42	184	157	7.796	ng	# 1
62) 4-Nitroaniline	15.20	138	17908	2.399	ng	84

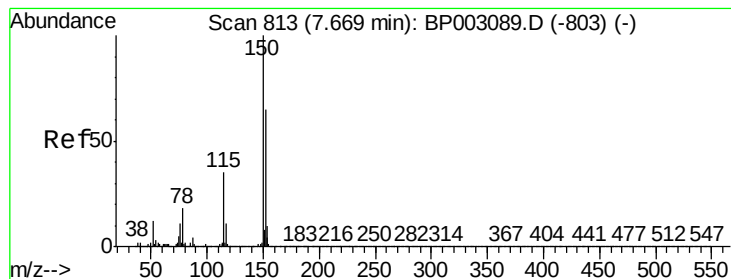
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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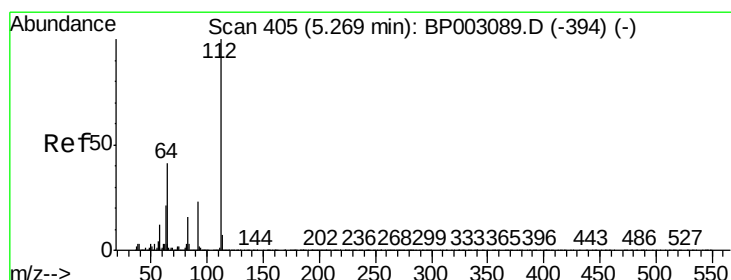
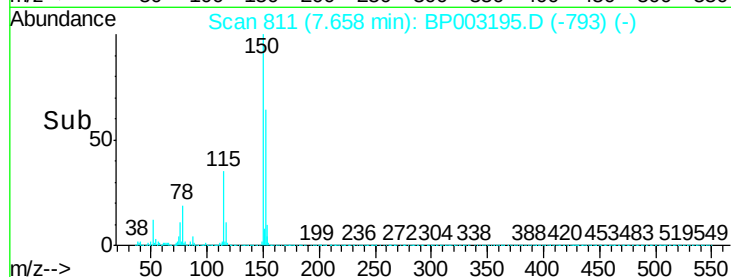
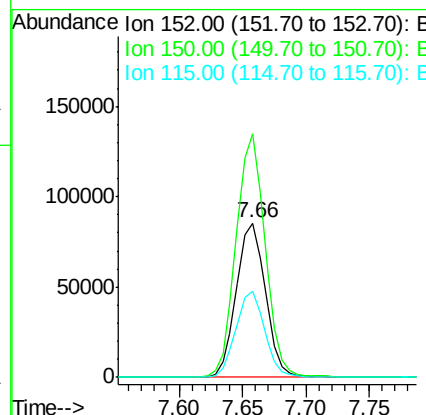
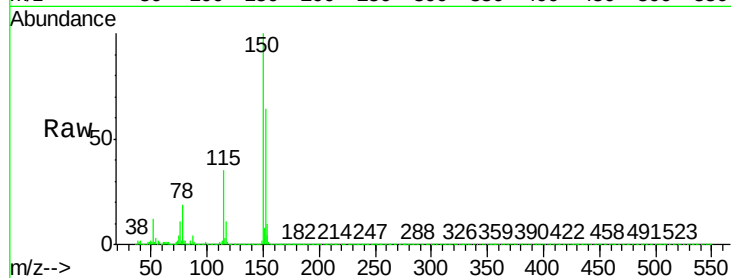


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. 0.01 min
Lab File: BP003195.D
Acq: 02 Sep 2020 19:54

Instrument :
BNA_P
ClientSampleId :
1577

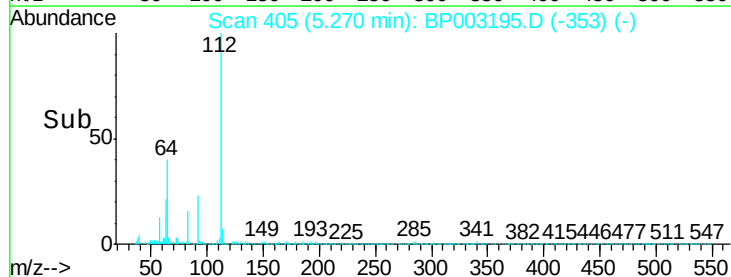
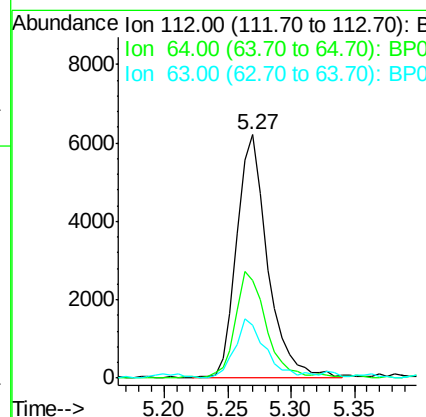
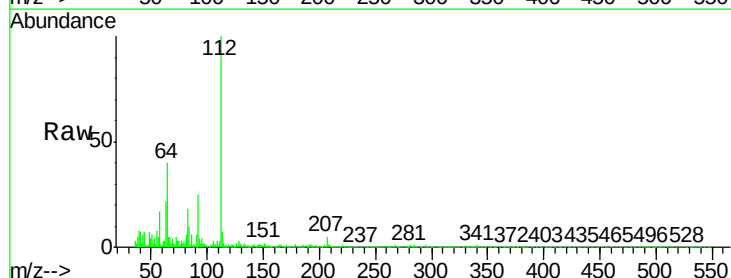
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	55.7	43.8	65.6

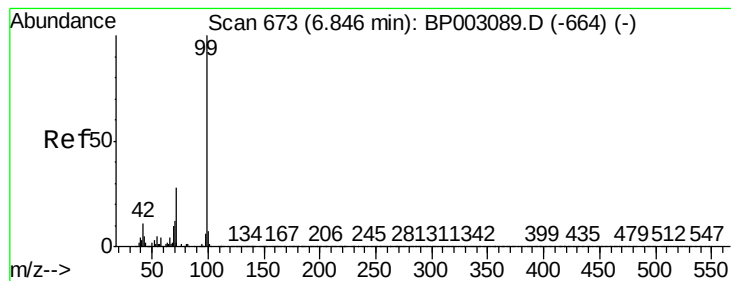


#5

2-Fluorophenol
Concen: 1.351 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.01 min
Lab File: BP003195.D
Acq: 02 Sep 2020 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.2	32.8	49.2
63	21.8	17.0	25.4





#7

Phenol-d6

Concen: 1.188 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.01 min

Lab File: BP003195.D

Acq: 02 Sep 2020 19:54

Instrument :

BNA_P

ClientSampleId :
1577

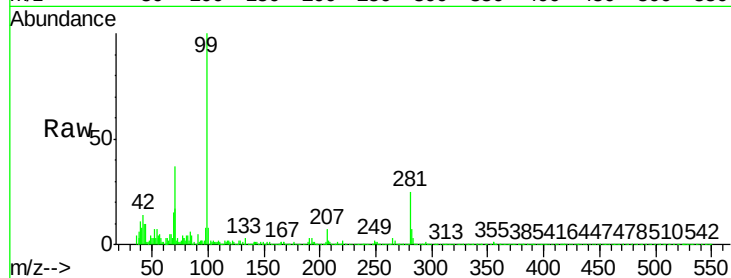
Tot Ion: 99 Resp: 11497

Ion Ratio Lower Upper

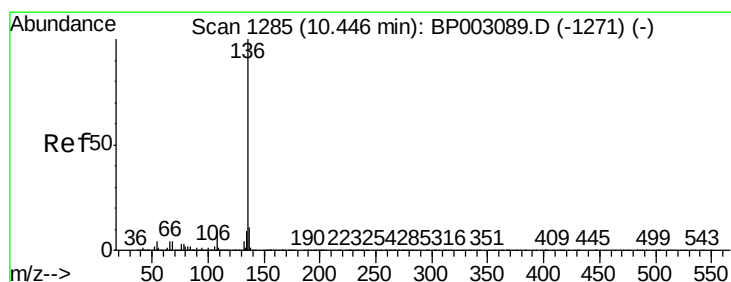
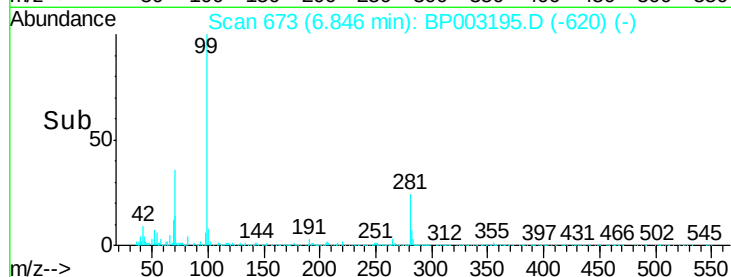
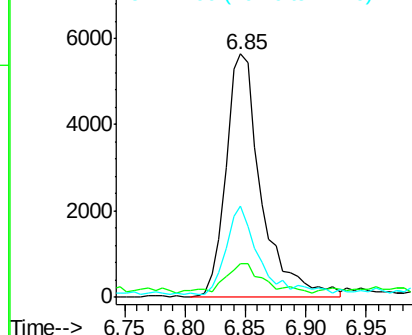
99 100

42 13.7 8.6 13.0#

71 37.3 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: BP003195.D

Acq: 02 Sep 2020 19:54

Tgt Ion: 136 Resp: 600556

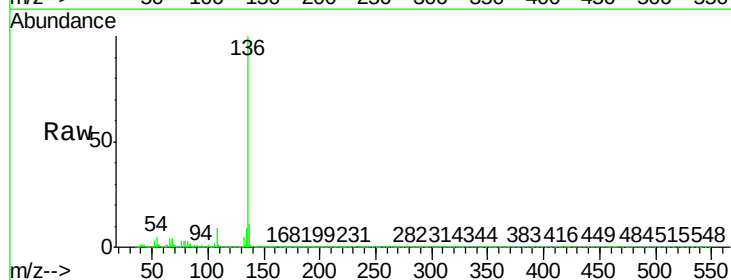
Ion Ratio Lower Upper

136 100

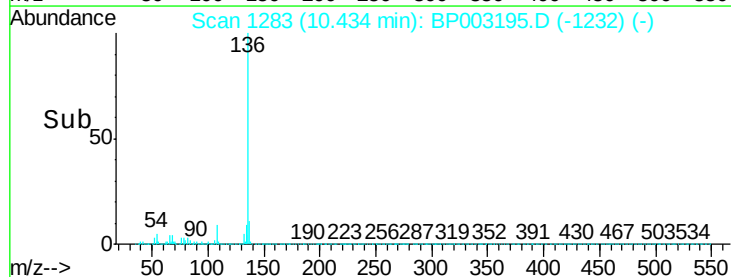
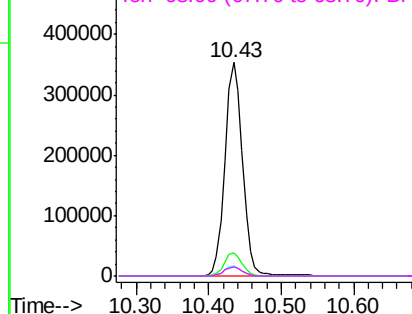
137 10.8 8.6 13.0

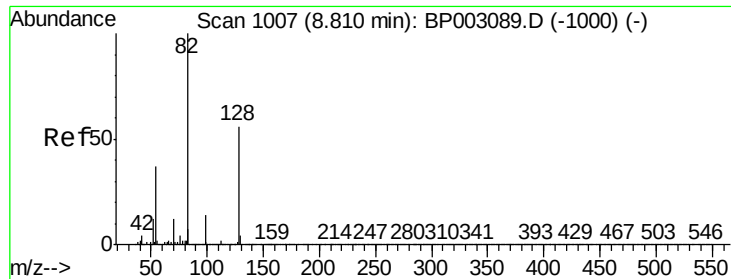
54 4.6 3.6 5.4

68 4.4 3.3 4.9



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

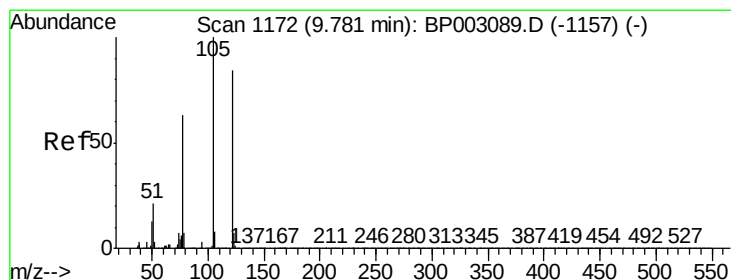
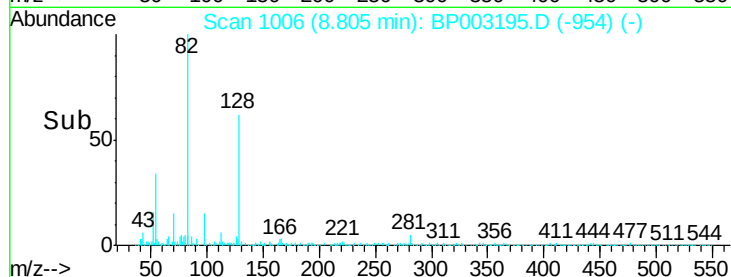
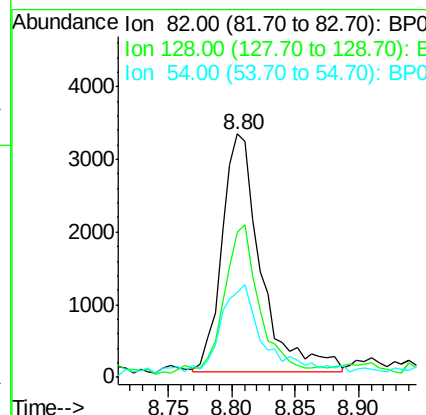
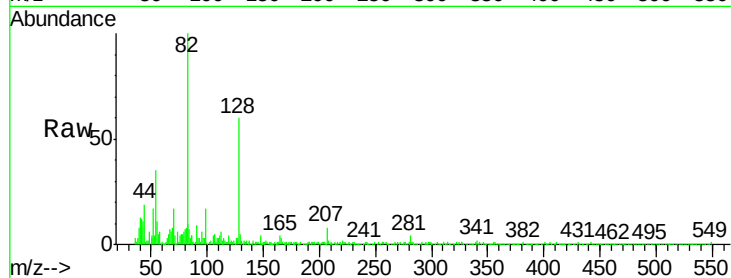




#23
 Nitrobenzene-d5
 Concen: 0.841 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BP003195.D
 Acq: 02 Sep 2020 19:54

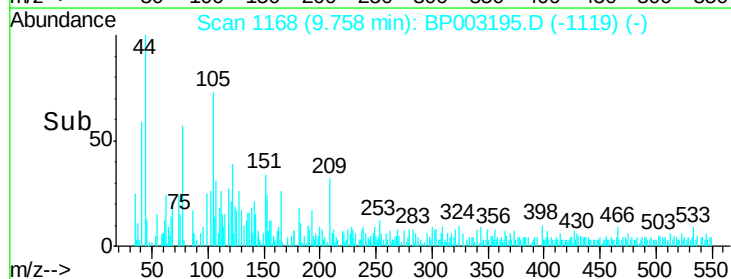
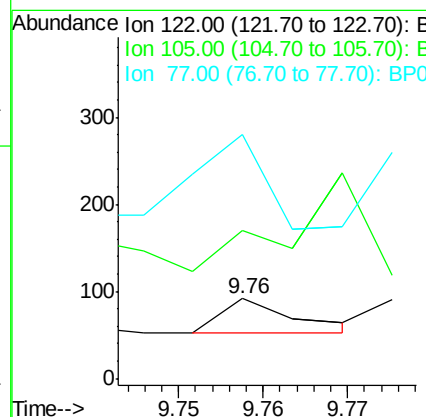
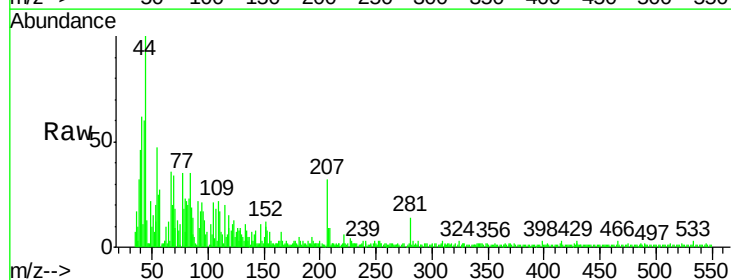
Instrument :
 BNA_P
 ClientSampleId :
 1577

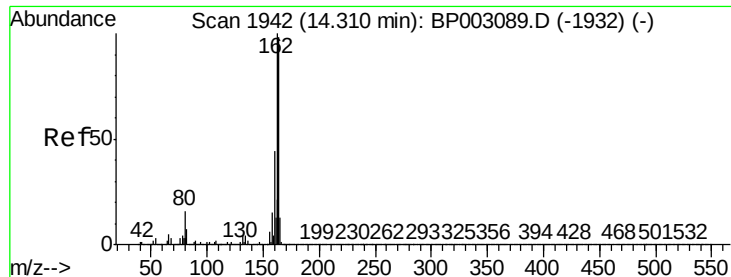
Tot Ion: 82 Resp: 7010
 Ion Ratio Lower Upper
 82 100
 128 59.8 45.6 68.4
 54 34.8 30.1 45.1



#32
 Benzoic acid
 Concen: 9.000 ng
 RT: 9.76 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BP003195.D
 Acq: 02 Sep 2020 19:54

Tgt Ion: 122 Resp: 24
 Ion Ratio Lower Upper
 122 100
 105 184.8 94.1 134.1#
 77 304.3 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: BP003195.D

Acq: 02 Sep 2020 19:54

Instrument :

BNA_P

ClientSampleId :

1577

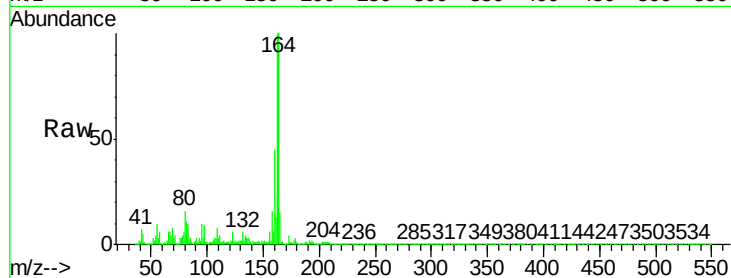
Tot Ion:164 Resp: 404402

Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.2

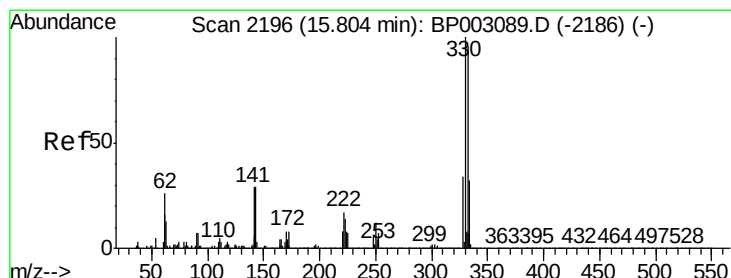
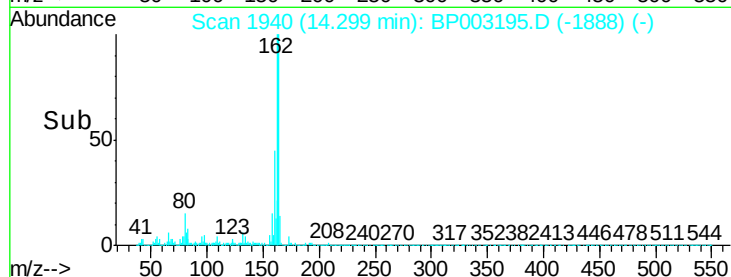
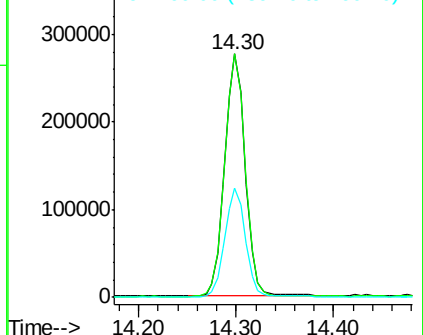
160 44.9 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 1.347 ng

RT: 15.80 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BP003195.D

Acq: 02 Sep 2020 19:54

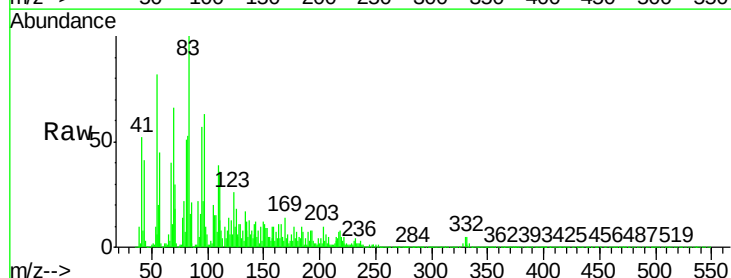
Tgt Ion:330 Resp: 7366

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

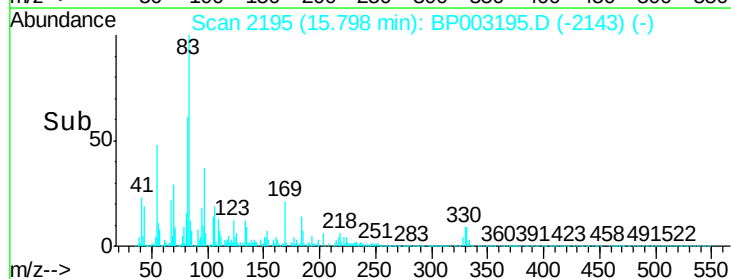
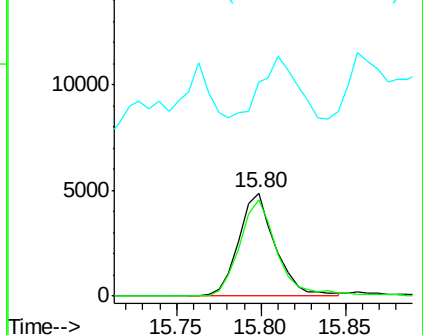
141 58.0 23.4 35.2#

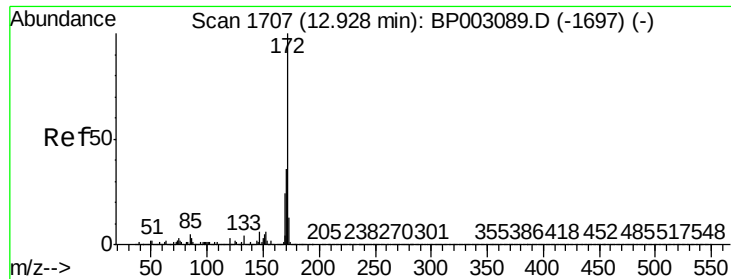


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

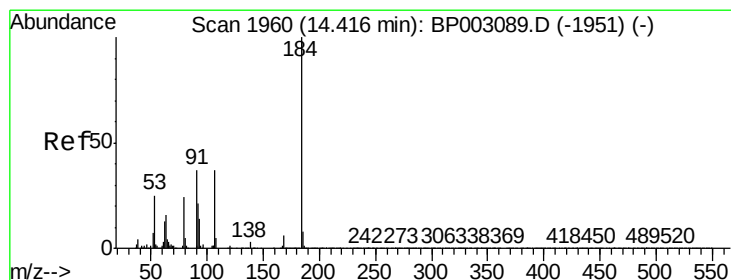
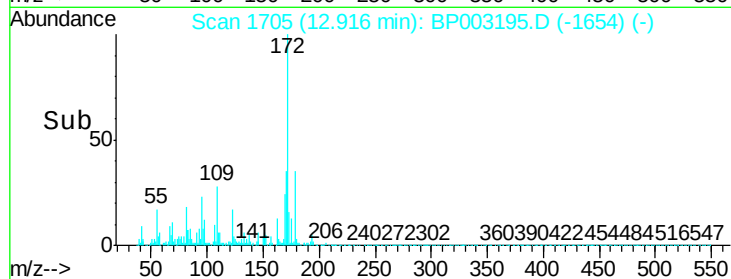
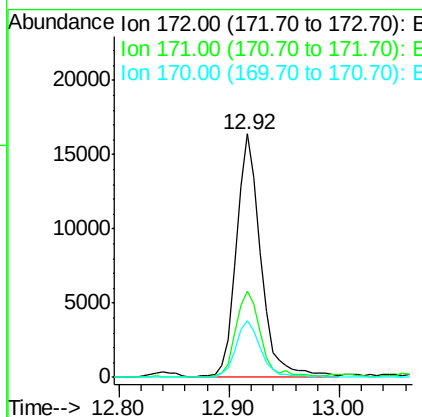
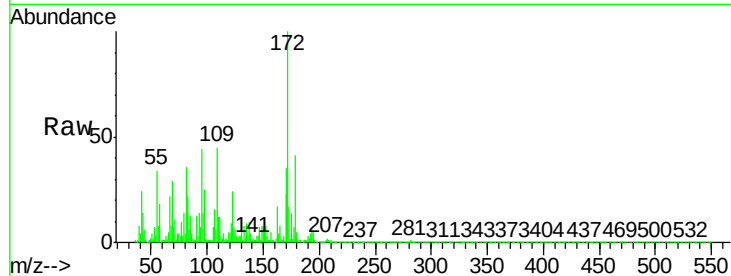




#45
2-Fluorobiphenyl
Concen: 0.933 ng
RT: 12.92 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BP003195.D
Acq: 02 Sep 2020 19:54

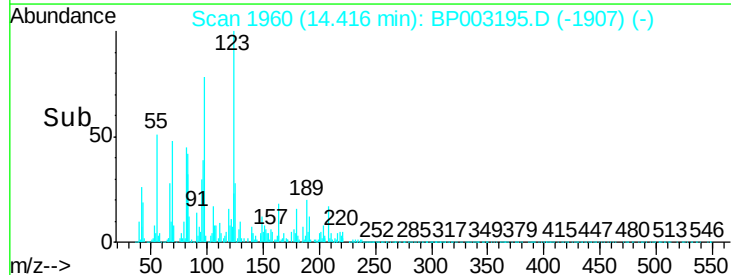
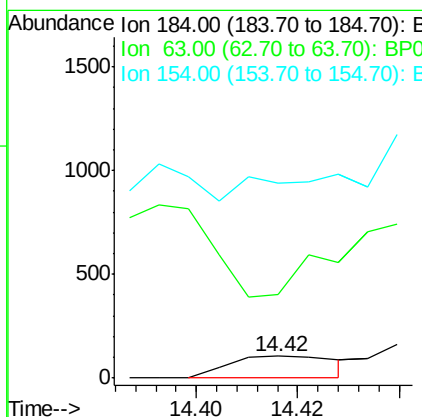
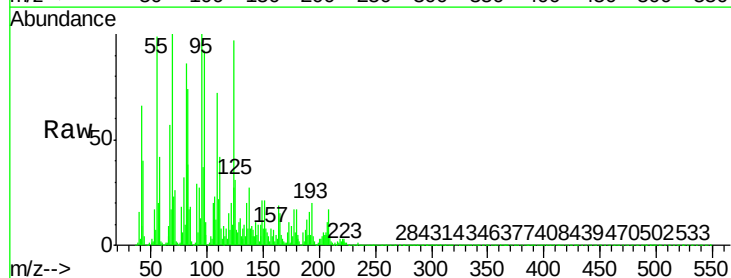
Instrument :
BNA_P
ClientSampleId :
1577

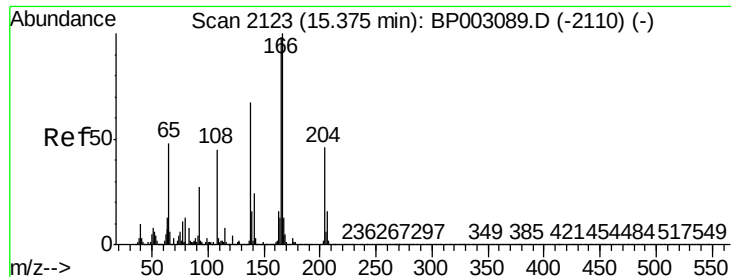
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.5	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 7.796 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP003195.D
Acq: 02 Sep 2020 19:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	388.5	32.3	48.5#
154	902.9	49.1	73.7#





#62

4-Nitroaniline

Concen: 2.399 ng

RT: 15.20 min Scan# 2093

Delta R.T. -0.16 min

Lab File: BP003195.D

Acq: 02 Sep 2020 19:54

Instrument :

BNA_P

ClientSampleId :

1577

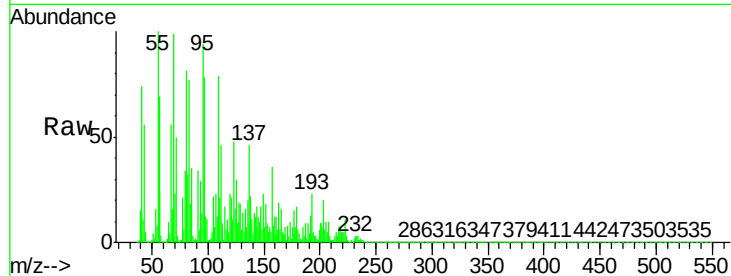
Tot Ion:138 Resp: 17908

Ion Ratio Lower Upper

138 100

92 29.1 20.7 60.7

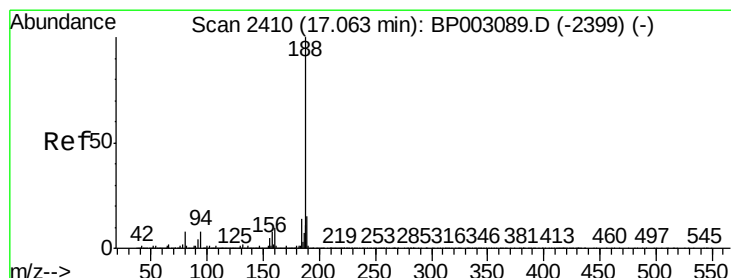
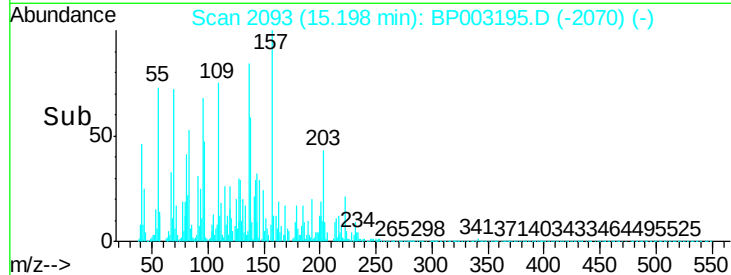
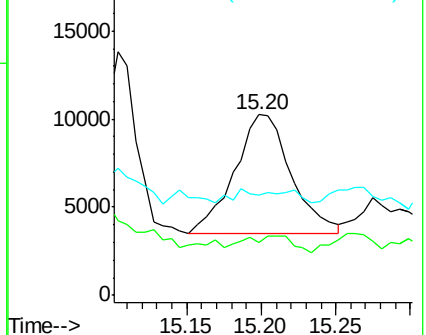
108 55.7 47.8 87.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BP003195.D

Acq: 02 Sep 2020 19:54

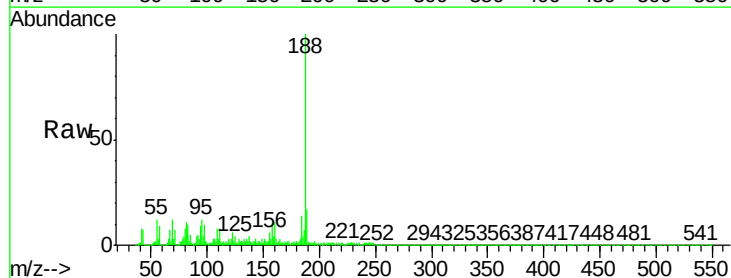
Tgt Ion:188 Resp: 885448

Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

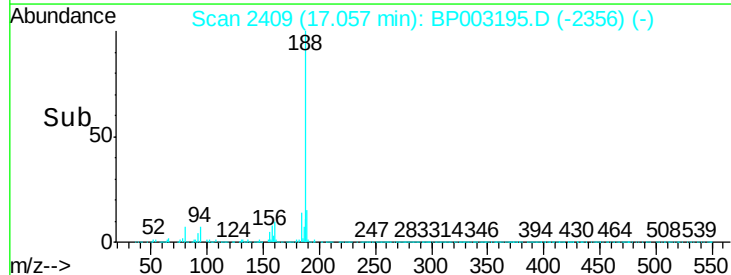
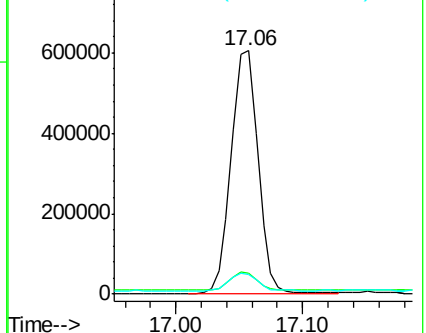
80 8.0 6.2 9.2

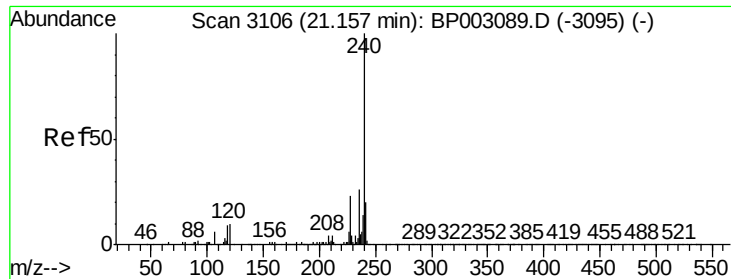


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

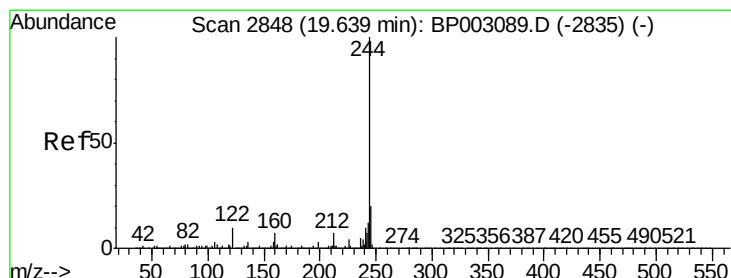
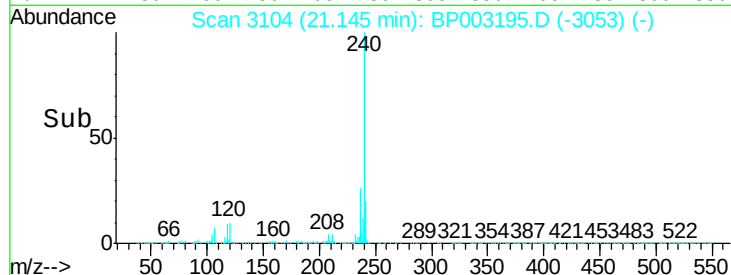
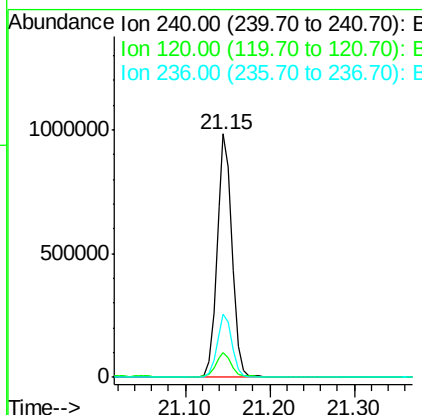
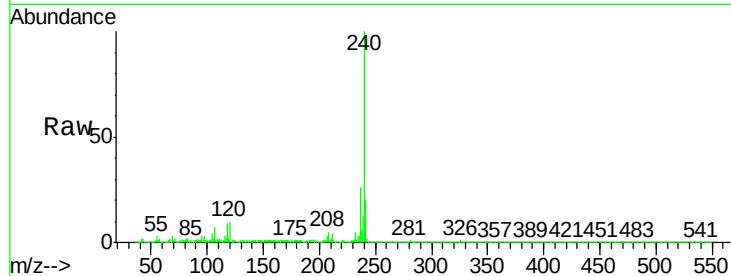




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BP003195.D
Acq: 02 Sep 2020 19:54

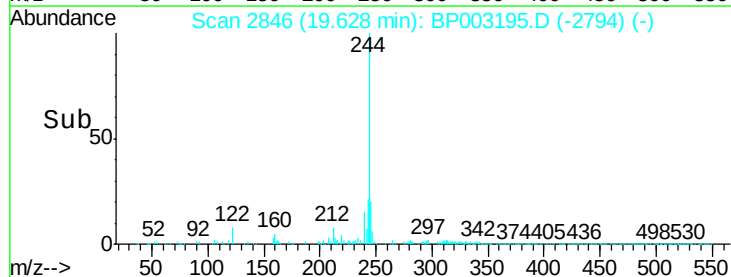
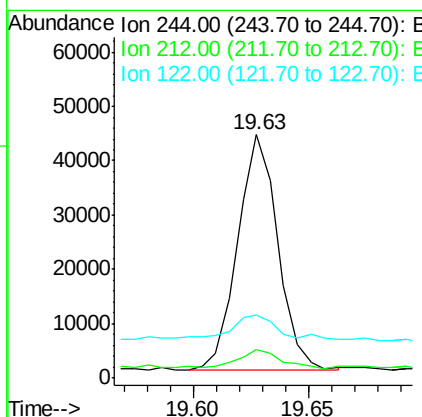
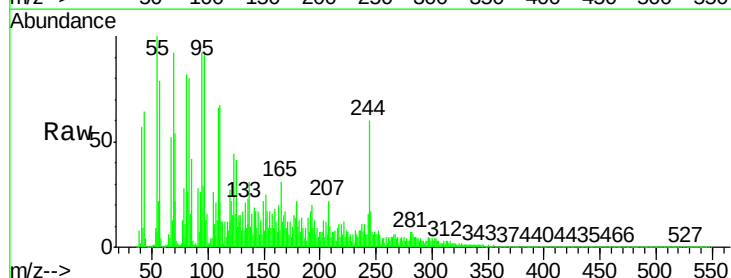
Instrument :
BNA_P
ClientSampleId :
1577

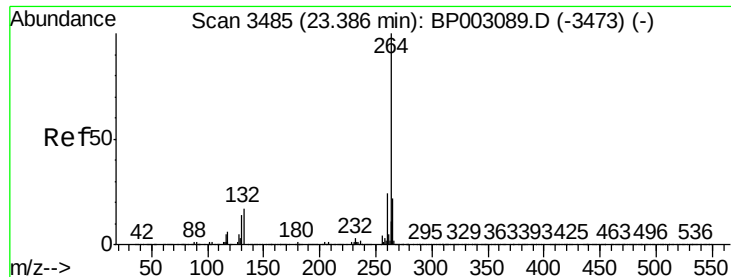
Tot Ion:240 Resp: 1222123
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 0.945 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003195.D
Acq: 02 Sep 2020 19:54

Tgt Ion:244 Resp: 52495
Ion Ratio Lower Upper
244 100
212 11.8 5.8 8.6#
122 25.8 7.8 11.8#



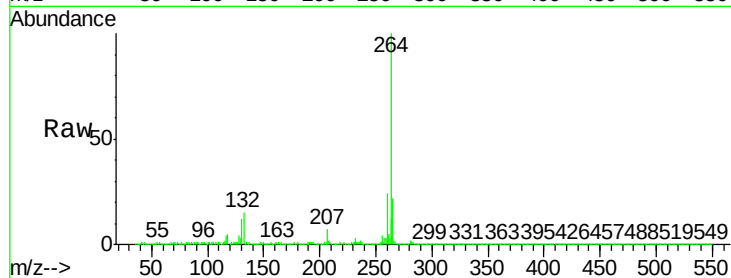


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BP003195.D
 Acq: 02 Sep 2020 19:54

Instrument :
 BNA_P
 ClientSampleId :
 1577

Tot Ion:264 Resp: 1308790

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.9	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

