

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003177.D
 Acq On : 01 Sep 2020 20:57
 Operator : CG/JU
 Sample : L3853-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 208

Quant Time: Sep 02 00:51:18 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

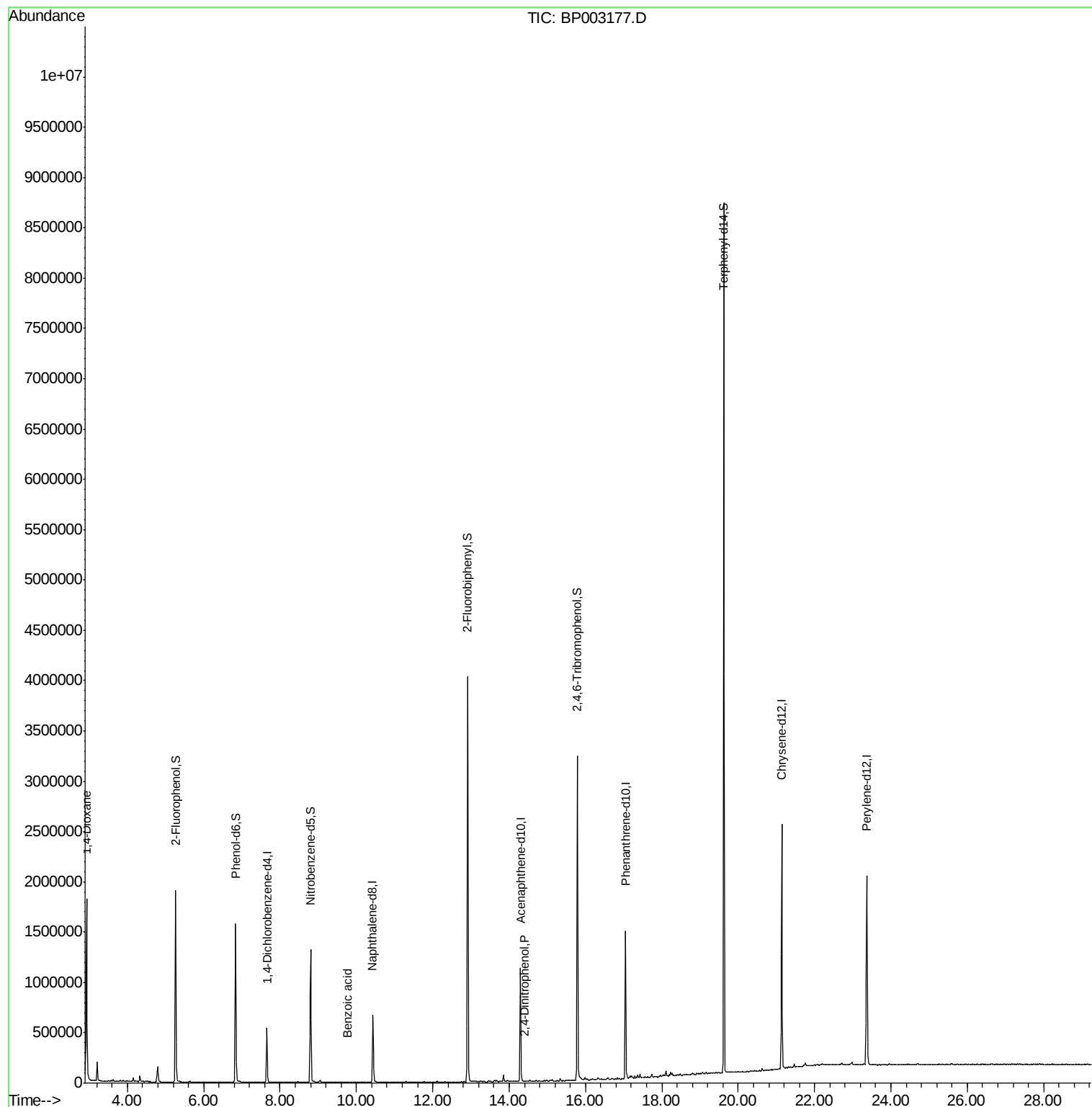
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	162459	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	650510	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	405890	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	920853	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1137574	20.00	ng	0.00
86) Perylene-d12	23.37	264	1350469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1004666	109.34	ng	0.00
7) Phenol-d6	6.83	99	1081066	93.85	ng	0.00
23) Nitrobenzene-d5	8.80	82	774381	85.82	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	721985	131.52	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2279361	82.24	ng	0.00
79) Terphenyl-d14	19.62	244	3809692	73.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.93	88	17099	4.867	ng	# 1
32) Benzoic acid	9.76	122	54	9.004	ng	# 42
54) 2,4-Dinitrophenol	14.39	184	39	7.765	ng	# 1

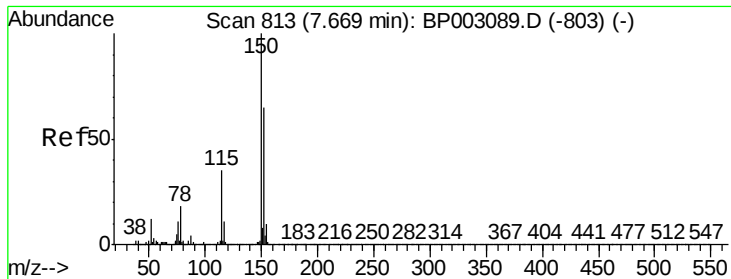
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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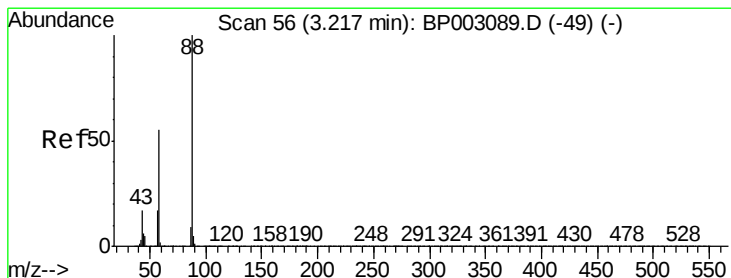
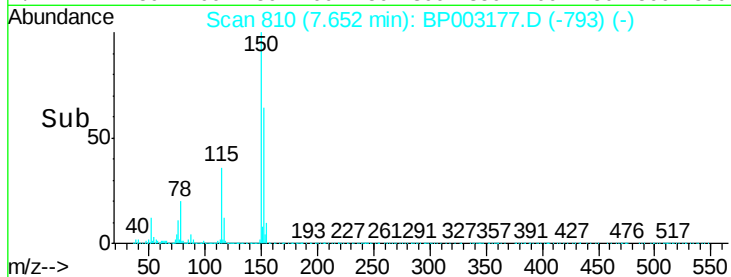
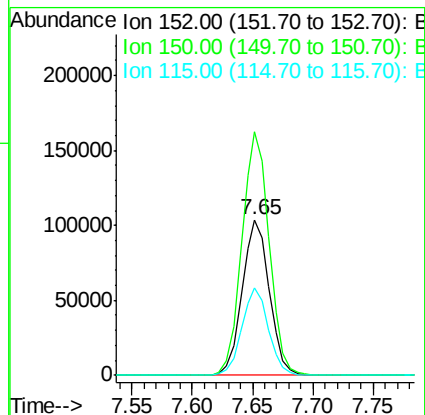
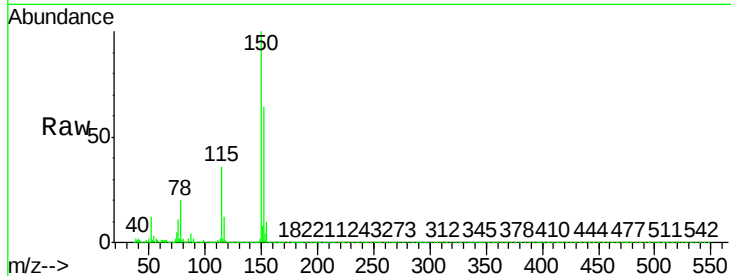


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

Instrument :
BNA_P
ClientSampleId :
208

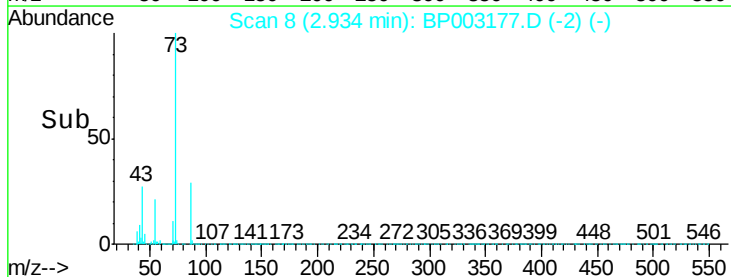
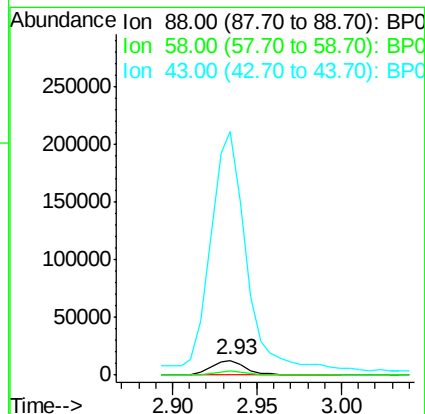
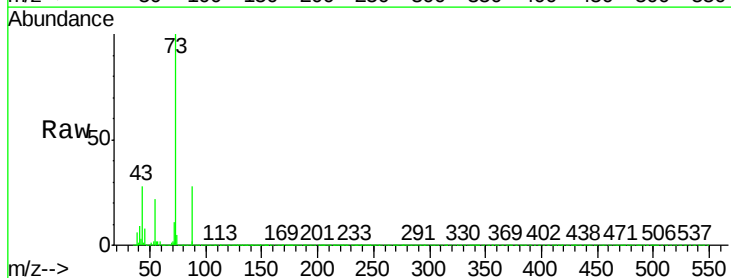
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	56.2	43.8	65.6

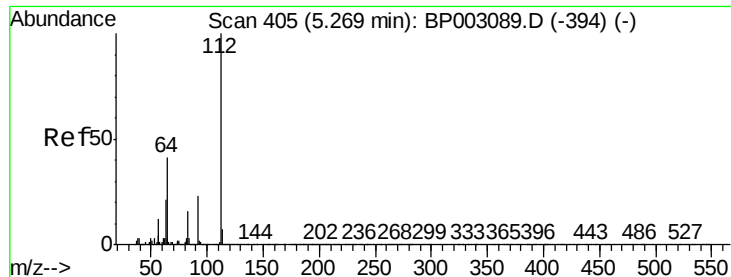


#2

1,4-Dioxane
Concen: 4.867 ng
RT: 2.93 min Scan# 8
Delta R.T. -0.26 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.7	44.2	66.4#
43	1759.7	15.2	22.8#





#5

2-Fluorophenol

Concen: 109.337 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003177.D

Acq: 01 Sep 2020 20:57

Instrument :

BNA_P

ClientSampleId :

208

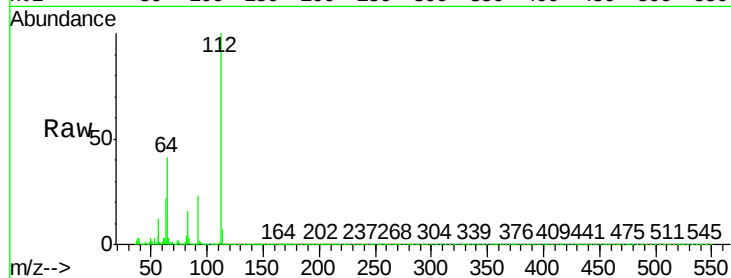
Tot Ion:112 Resp: 1004666

Ion Ratio Lower Upper

112 100

64 40.8 32.8 49.2

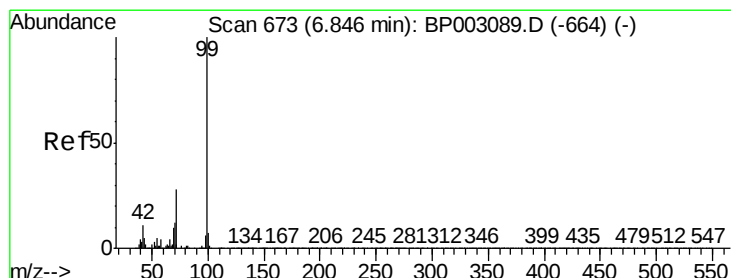
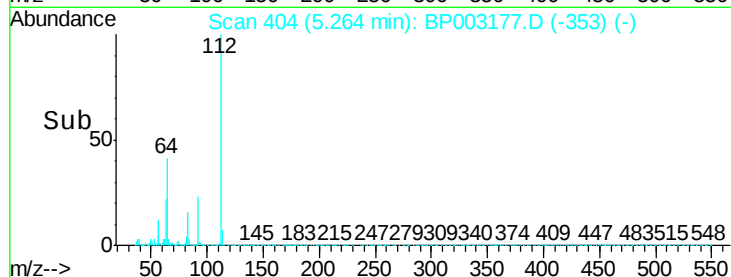
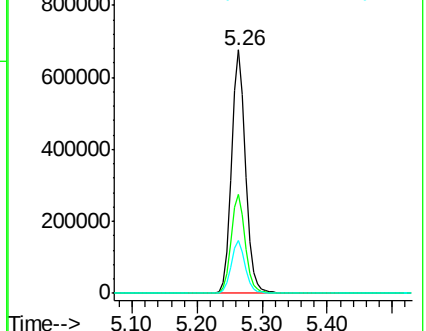
63 21.8 17.0 25.4



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: 93.853 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003177.D

Acq: 01 Sep 2020 20:57

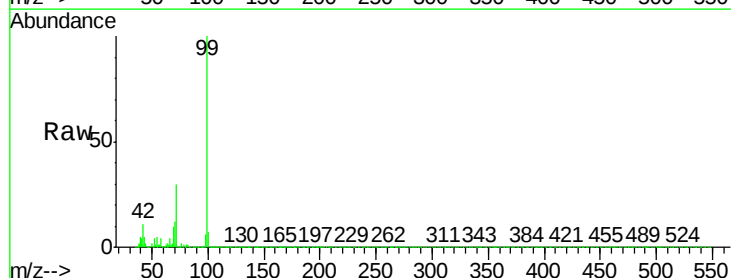
Tgt Ion: 99 Resp: 1081066

Ion Ratio Lower Upper

99 100

42 10.9 8.6 13.0

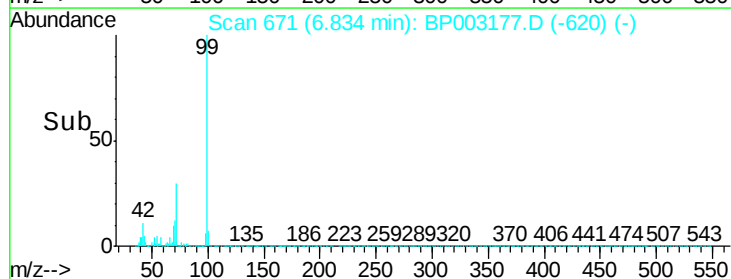
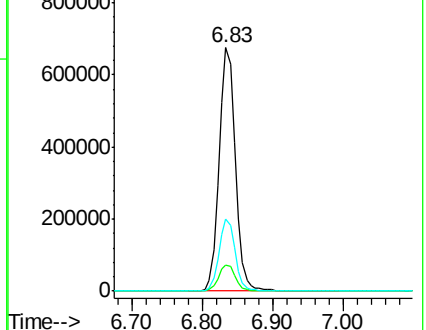
71 29.5 23.4 35.2

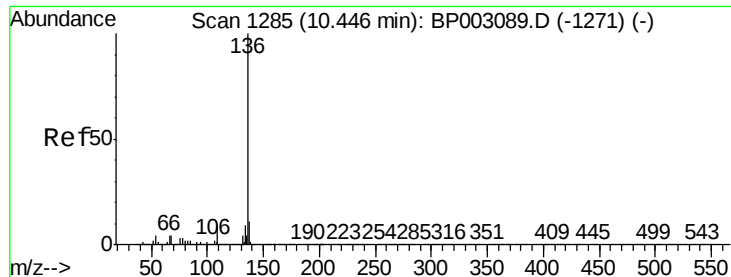


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

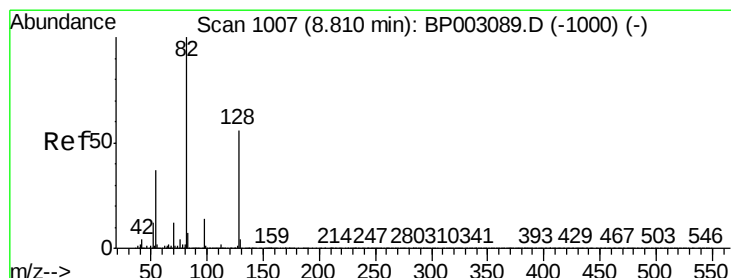
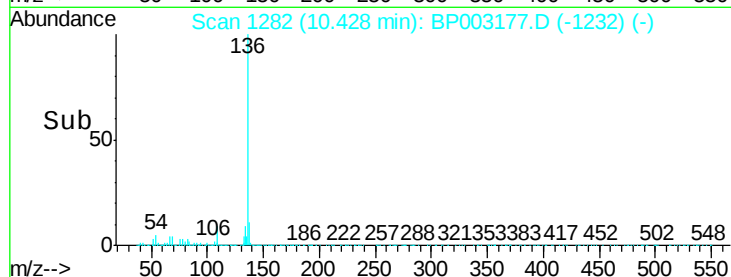
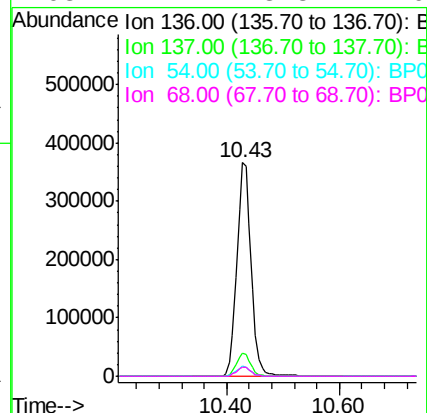
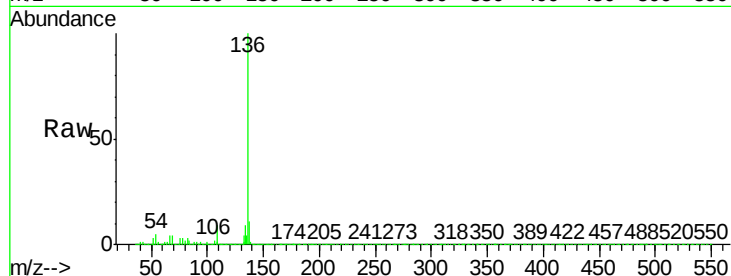




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

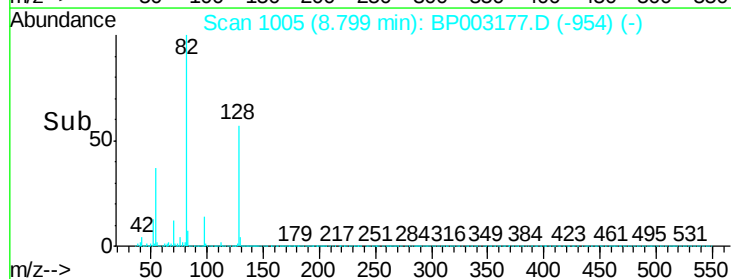
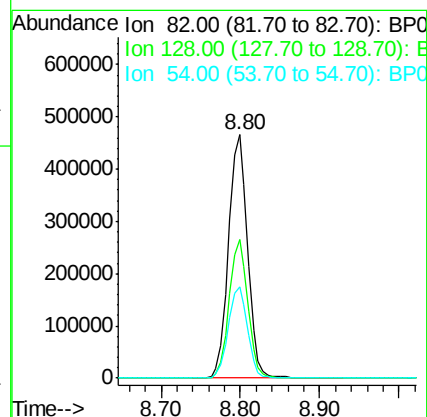
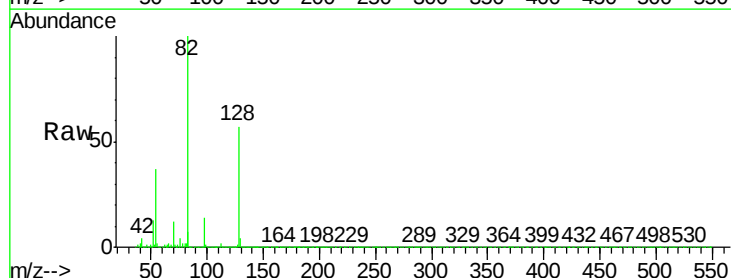
Instrument :
BNA_P
ClientSampleId :
208

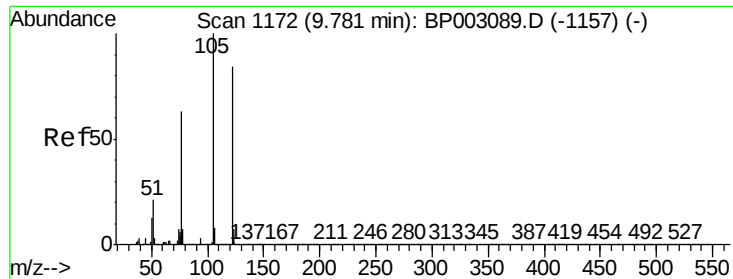
Tot Ion:136	Resp: 650510
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 4.6	3.6 5.4
68 4.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 85.818 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

Tgt Ion: 82	Resp: 774381
Ion Ratio	Lower Upper
82 100	
128 57.2	45.6 68.4
54 37.3	30.1 45.1

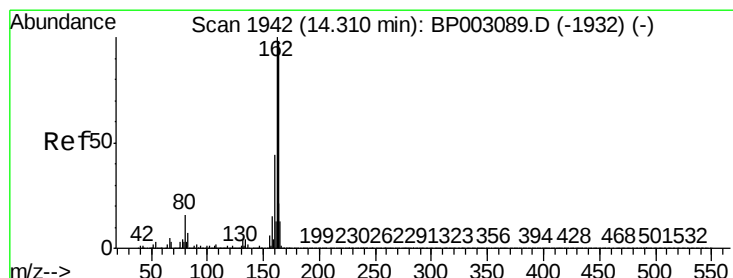
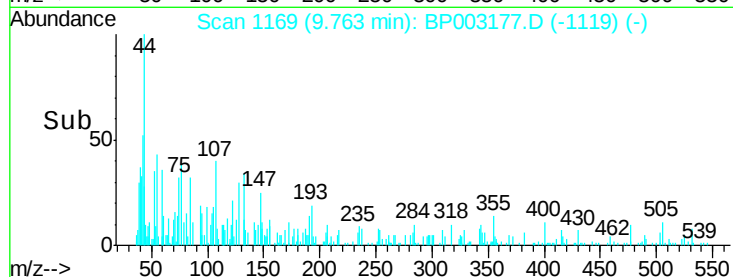
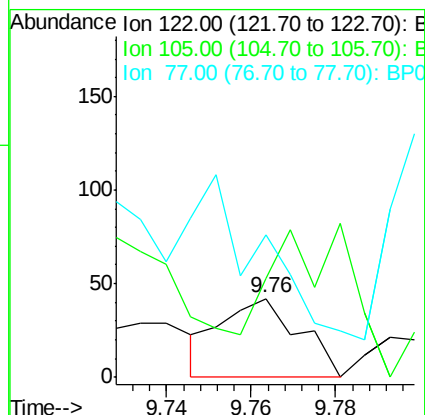
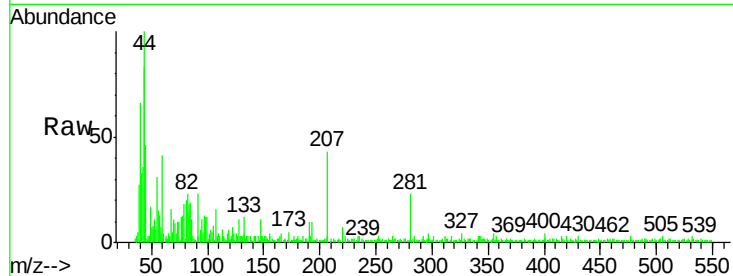




#32
Benzoic acid
Concen: 9.004 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

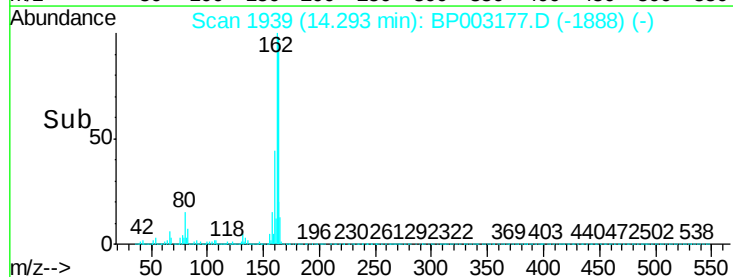
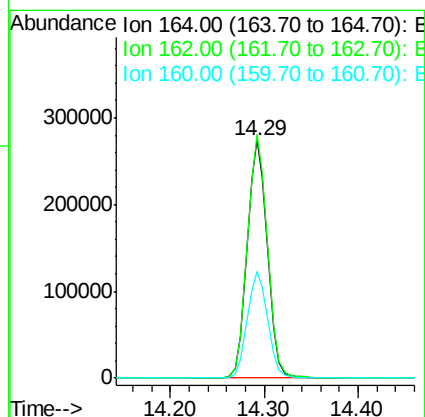
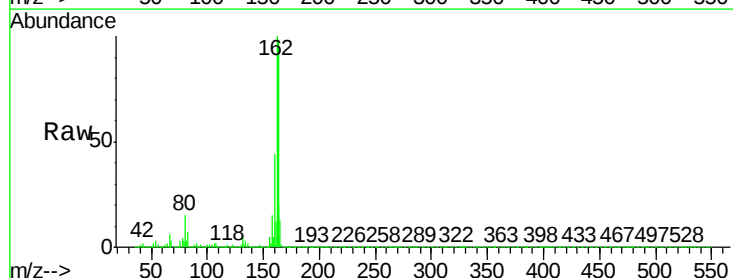
Instrument :
BNA_P
ClientSampleId :
208

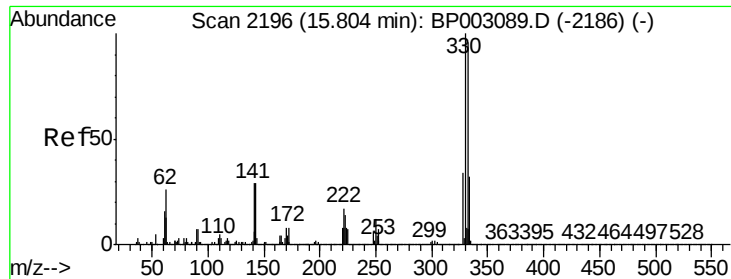
Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 126.2 94.1 134.1
77 181.0 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

Tgt Ion:164 Resp: 405890
Ion Ratio Lower Upper
164 100
162 102.2 79.4 119.2
160 44.9 36.1 54.1

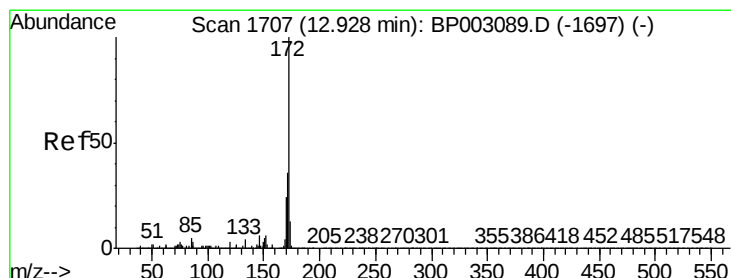
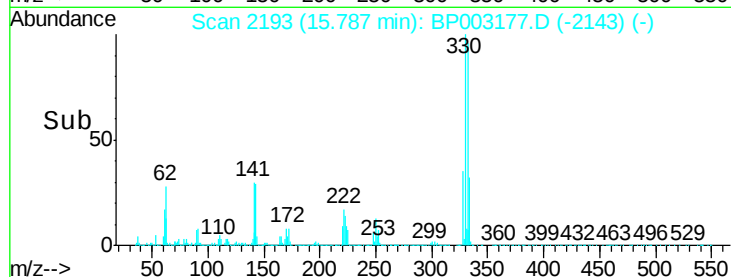
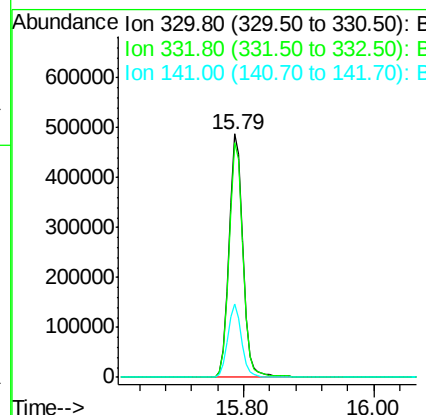
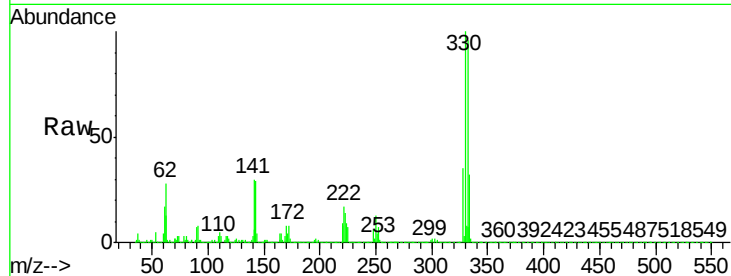




#42
2,4,6-Tribromophenol
Concen: 131.520 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

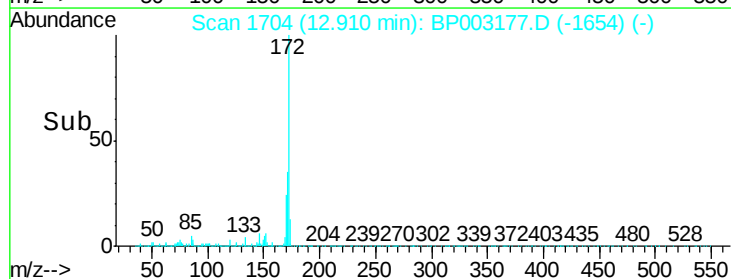
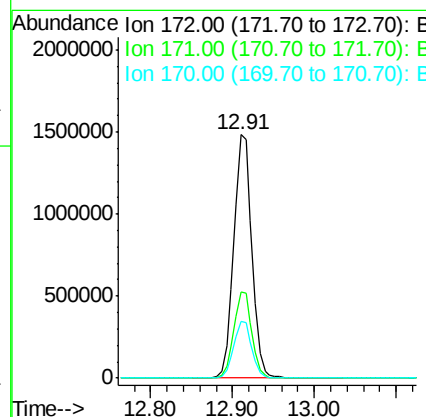
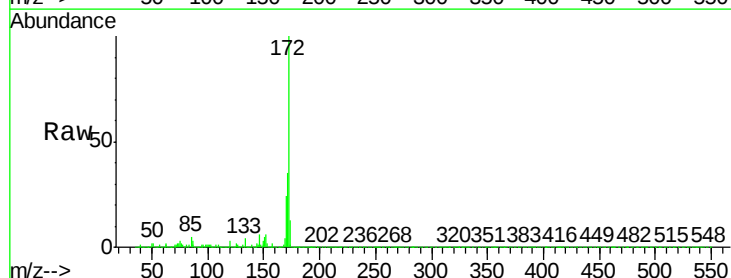
Instrument :
BNA_P
ClientSampleId :
208

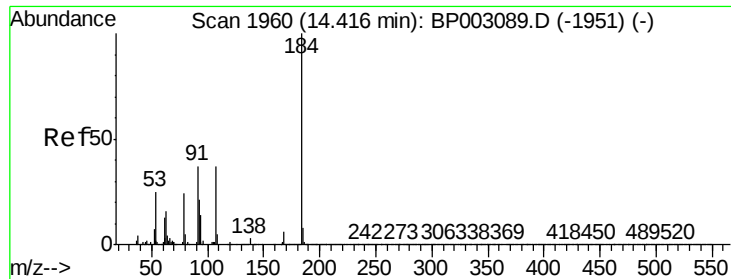
Tot Ion:330 Resp: 721985
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 82.239 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

Tgt Ion:172 Resp: 2279361
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.5 19.2 28.8

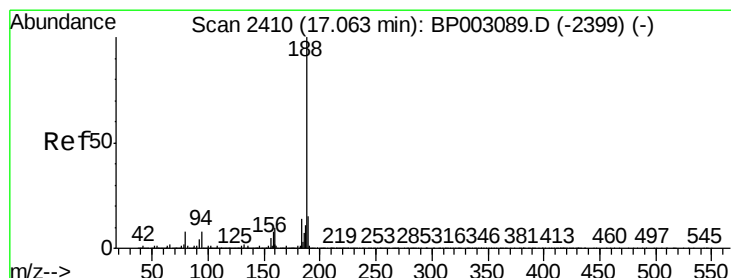
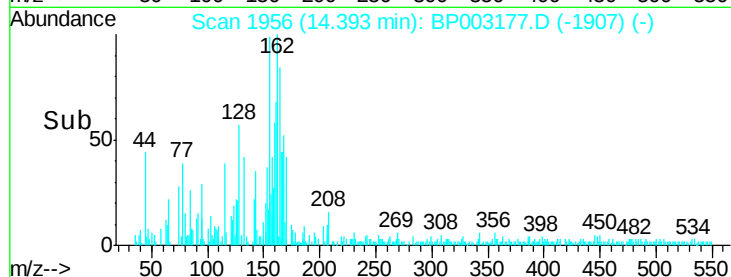
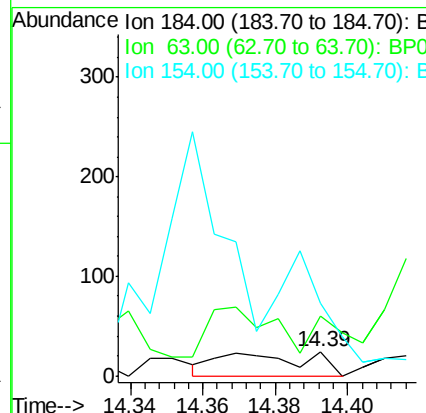
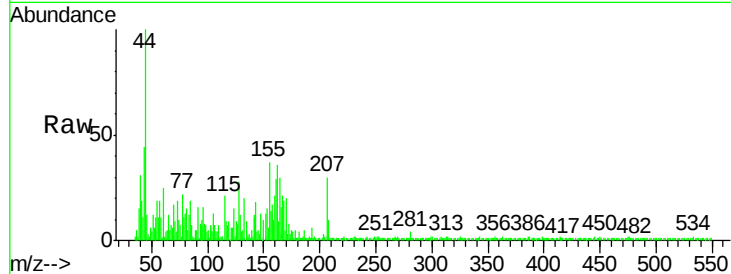




#54
2,4-Dinitrophenol
Concen: 7.765 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

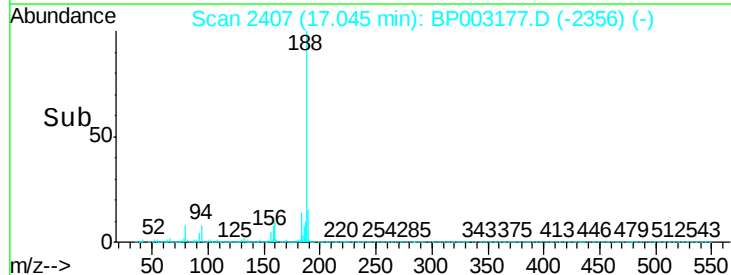
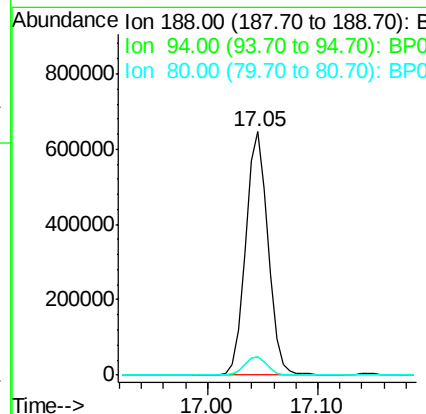
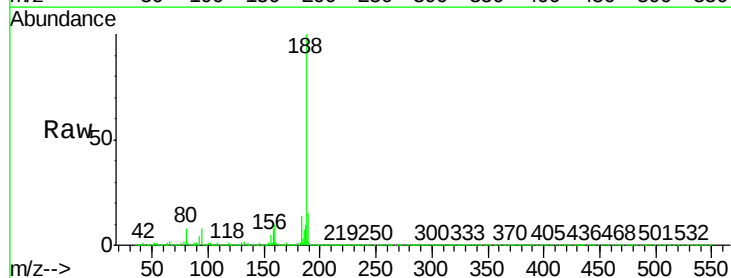
Instrument :
BNA_P
ClientSampleId :
208

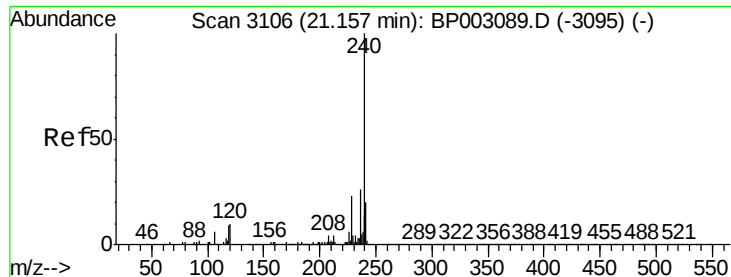
Tot Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 250.0 32.3 48.5#
154 304.2 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

Tgt Ion:188 Resp: 920853
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.7 6.2 9.2

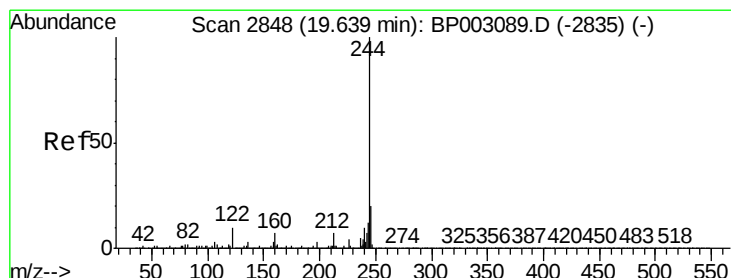
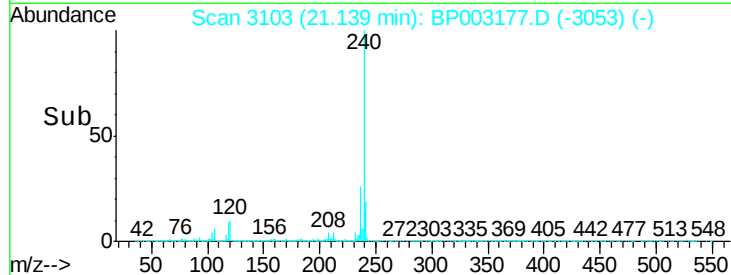
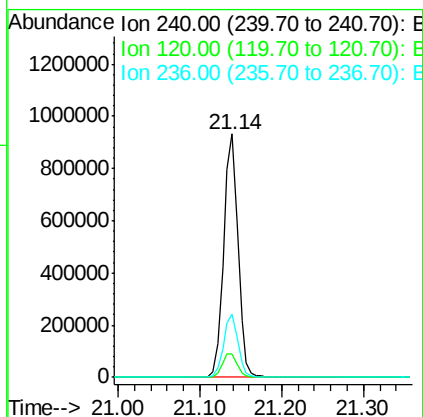
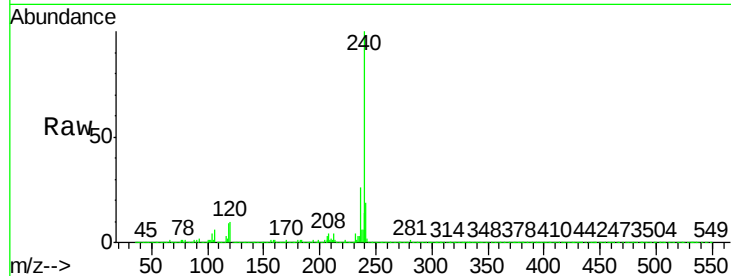




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BP003177.D
 Acq: 01 Sep 2020 20:57

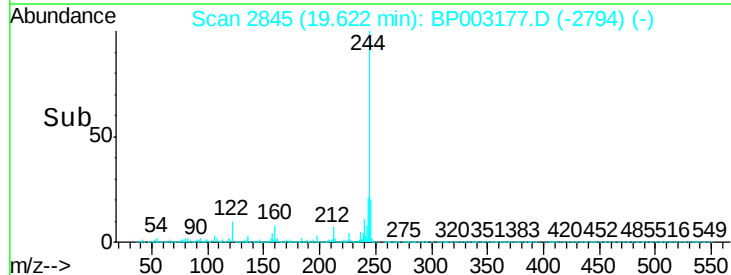
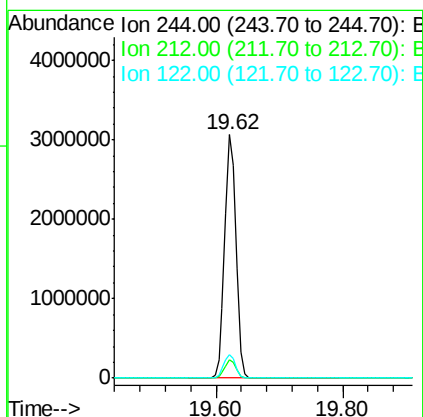
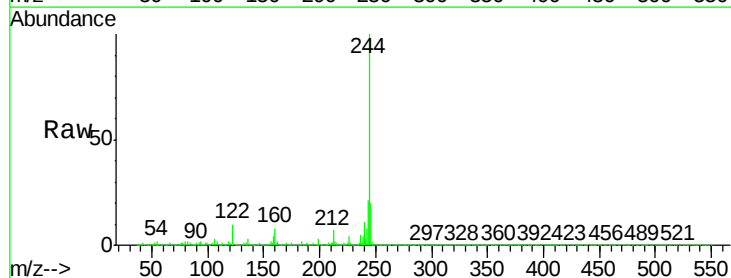
Instrument :
 BNA_P
 ClientSampleId :
 208

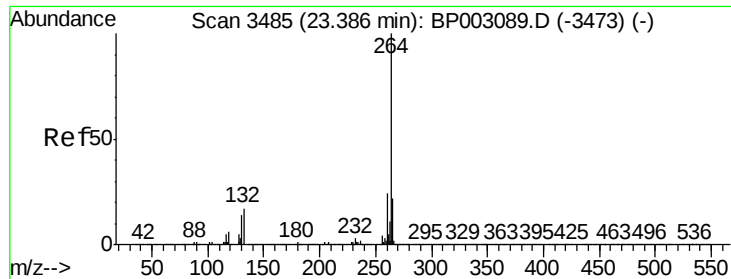
Tot Ion:240 Resp: 1137574
 Ion Ratio Lower Upper
 240 100
 120 9.6 7.8 11.6
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 73.691 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003177.D
 Acq: 01 Sep 2020 20:57

Tgt Ion:244 Resp: 3809692
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.5 7.8 11.8



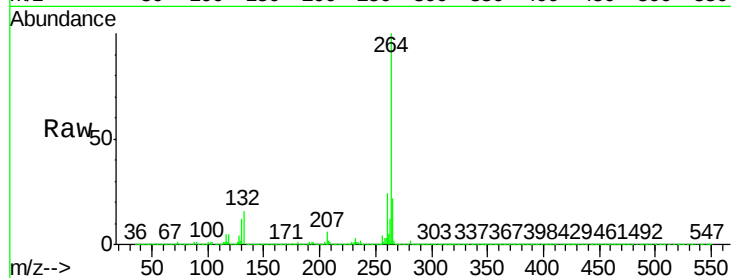


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003177.D
Acq: 01 Sep 2020 20:57

Instrument :
BNA_P
ClientSampleId :
208

Tot Ion:264 Resp: 1350469

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.5	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

