

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003136.D
 Acq On : 27 Aug 2020 17:31
 Operator : CG/JU
 Sample : L3806-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-14-D

Quant Time: Aug 27 18:20:13 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

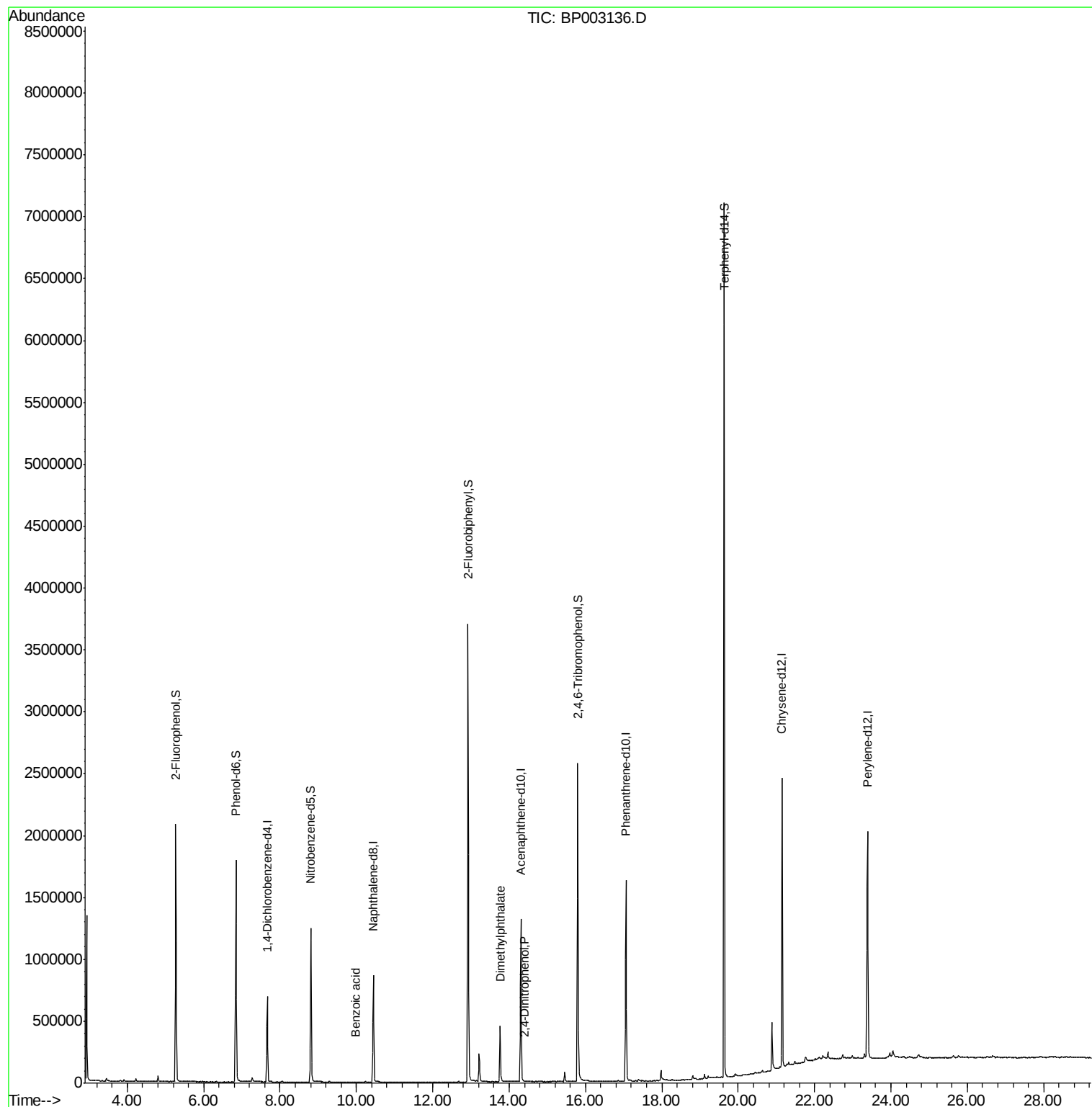
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	211023	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	823525	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	492002	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1062039	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1172468	20.00	ng	-0.01
86) Perylene-d12	23.39	264	1335629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1075735	90.13	ng	0.00
7) Phenol-d6	6.85	99	1259926	84.21	ng	0.00
23) Nitrobenzene-d5	8.80	82	737308	64.54	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	595158	89.44	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2116488	63.00	ng	0.00
79) Terphenyl-d14	19.63	244	3004563	56.39	ng	0.00
Target Compounds						
32) Benzoic acid	10.00	122	98	9.007	ng	91
50) Dimethylphthalate	13.76	163	367347	9.791	ng	99
54) 2,4-Dinitrophenol	14.42	184	25	7.760	ng	# 19

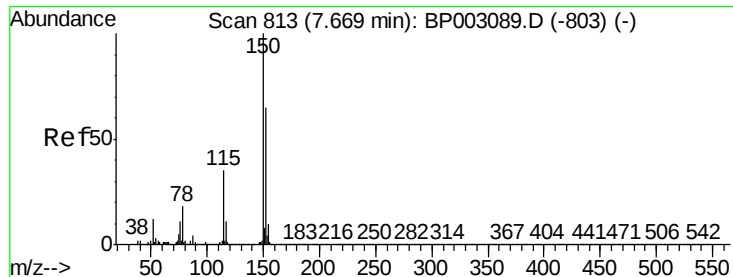
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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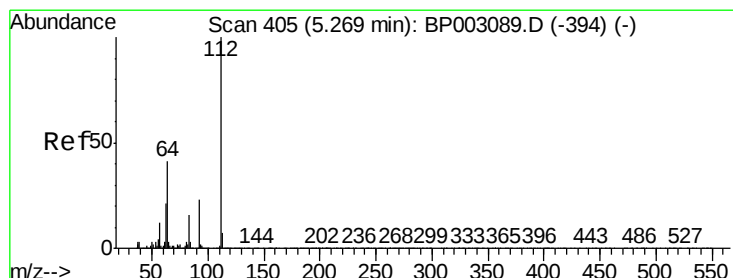
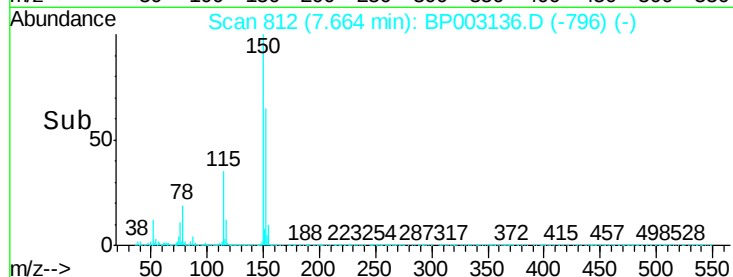
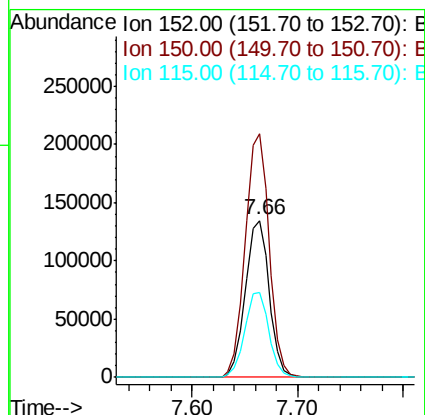
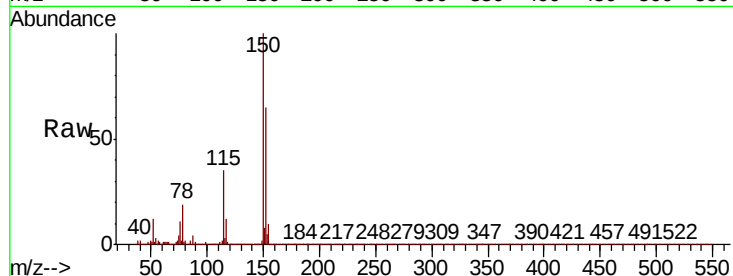


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

Instrument :
BNA_P
ClientSampleId :
TP-14-D

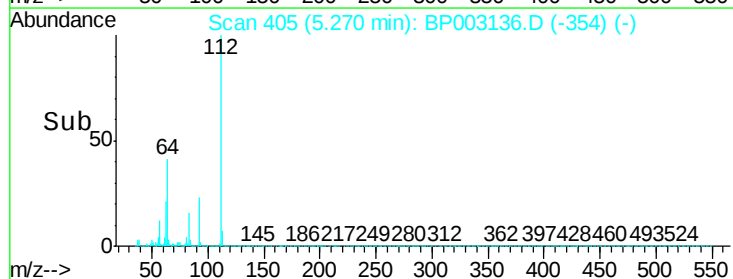
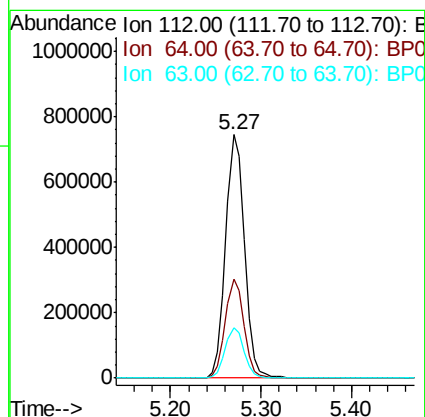
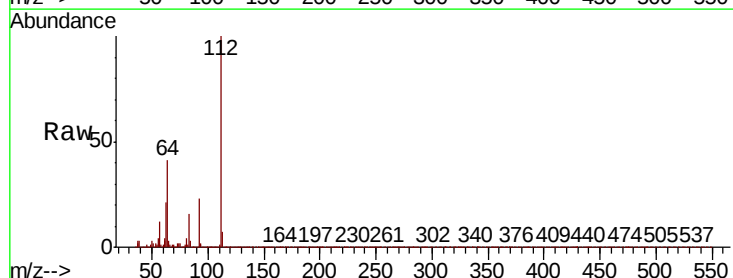
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.1	184.7
115	54.2	42.8	64.2

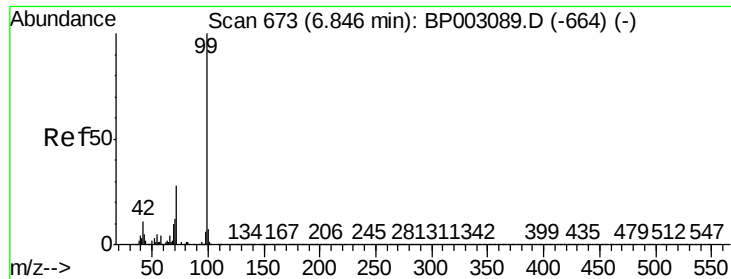


#5

2-Fluorophenol
Concen: 90.129 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.6	33.0	49.6
63	20.9	16.9	25.3





#7

Phenol-d6

Concen: 84.208 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003136.D

Acq: 27 Aug 2020 17:31

Instrument :

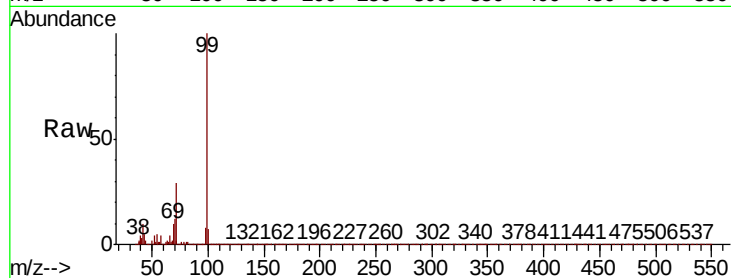
BNA_P

ClientSampled :

TP-14-D

Tot Ion: 99 Resp: 1259926

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.5	12.7
71	28.7	22.8	34.2

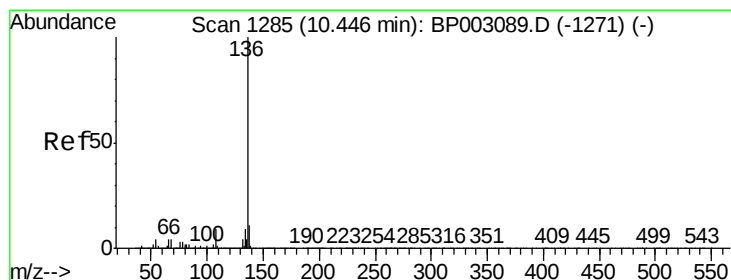
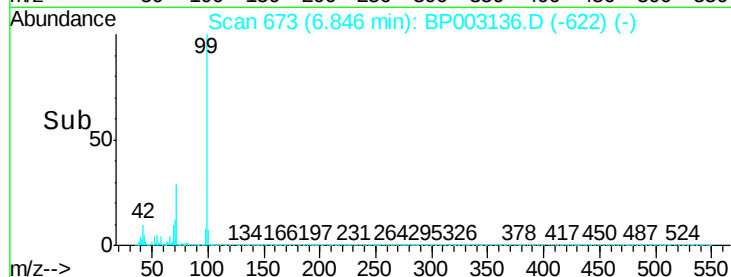
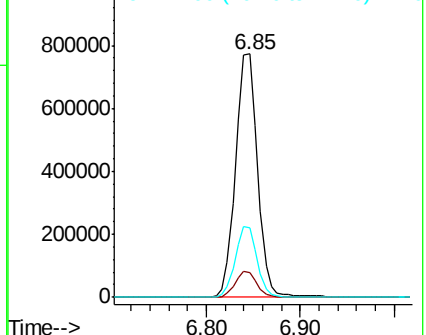


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

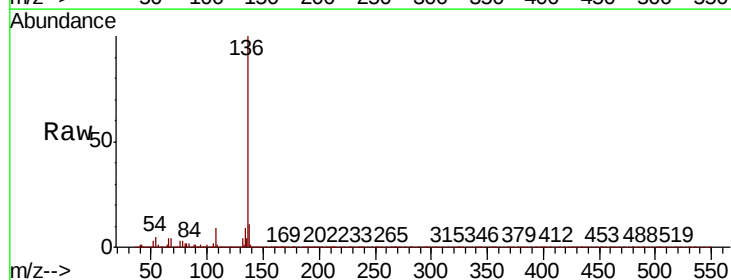
Delta R.T. -0.01 min

Lab File: BP003136.D

Acq: 27 Aug 2020 17:31

Tgt Ion: 136 Resp: 823525

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.5	3.5	5.3
68	4.1	3.2	4.8



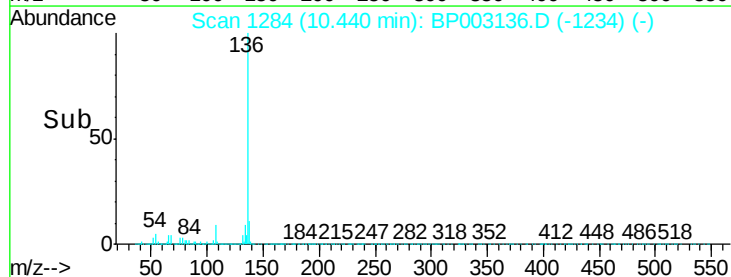
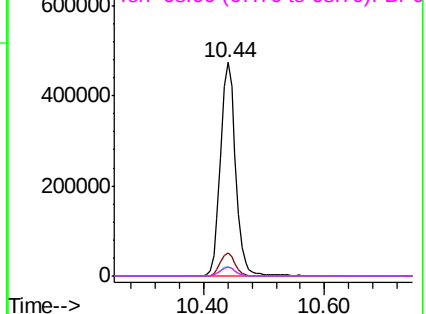
Abundance

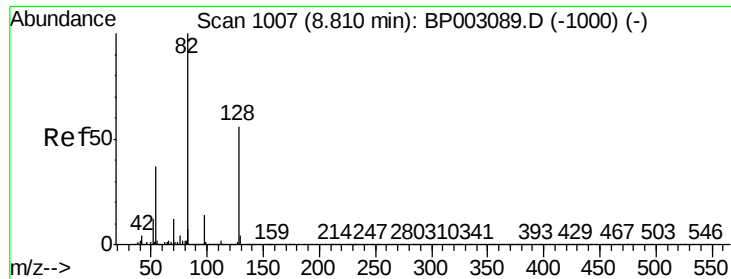
Ion 136.00 (135.70 to 136.70): E

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

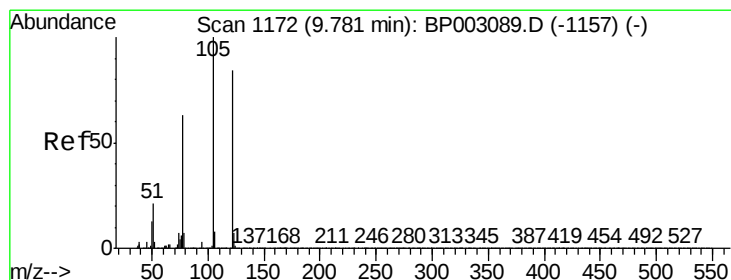
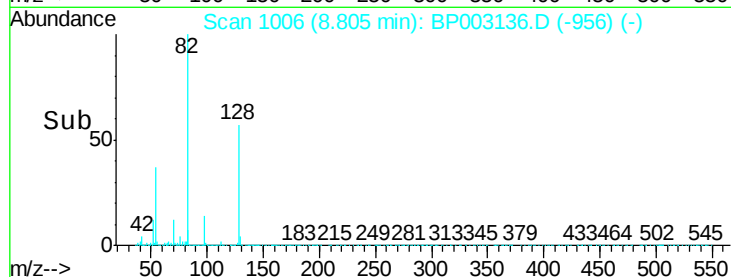
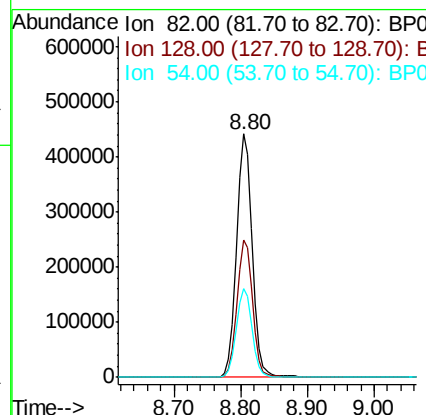
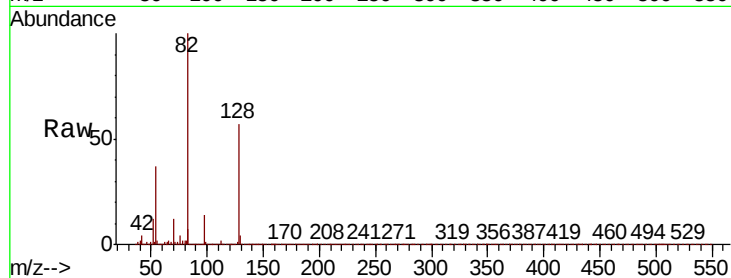




#23
Nitrobenzene-d5
Concen: 64.543 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

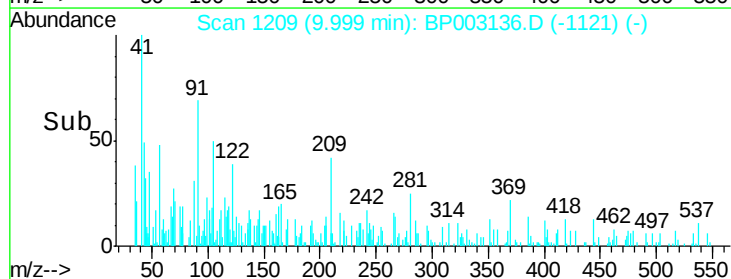
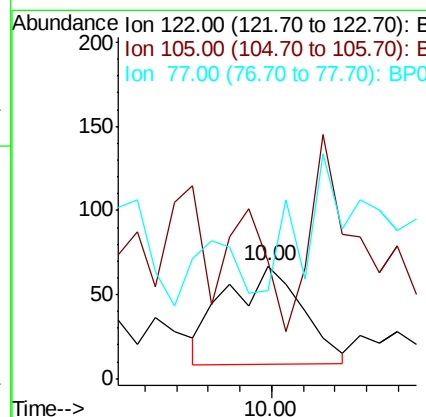
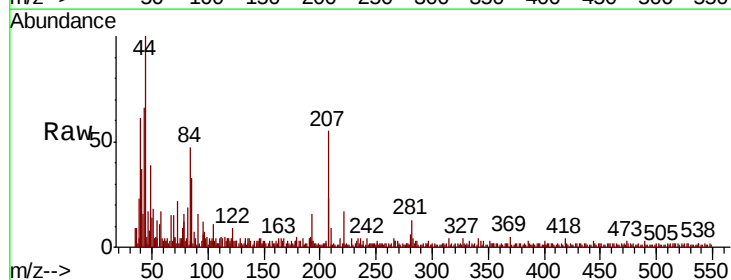
Instrument :
BNA_P
ClientSampled :
TP-14-D

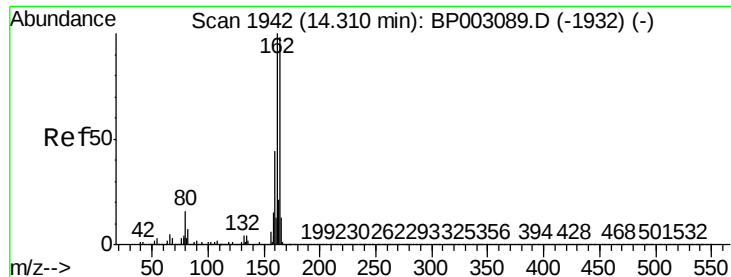
Tot Ion	82	Resp	737308
Ion Ratio	100	Lower	Upper
128	56.6	44.9	67.3
54	36.7	29.4	44.2



#32
Benzoic acid
Concen: 9.007 ng
RT: 10.00 min Scan# 1209
Delta R.T. 0.22 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

Tgt Ion	122	Resp	98
Ion Ratio	100	Lower	Upper
105	104.5	98.1	138.1
77	77.6	55.3	95.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003136.D

Acq: 27 Aug 2020 17:31

Instrument :

BNA_P

ClientSampleId :

TP-14-D

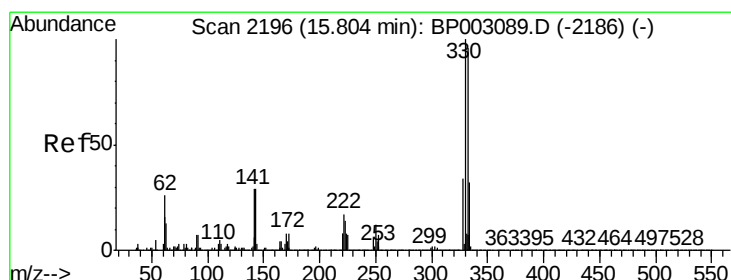
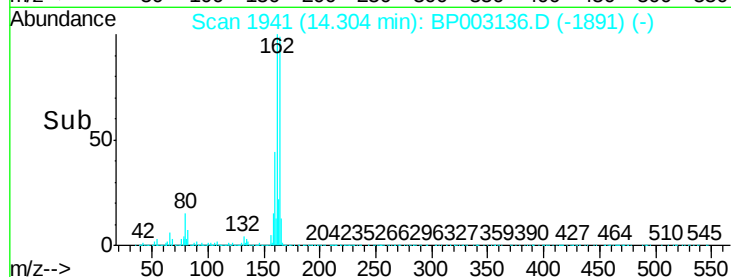
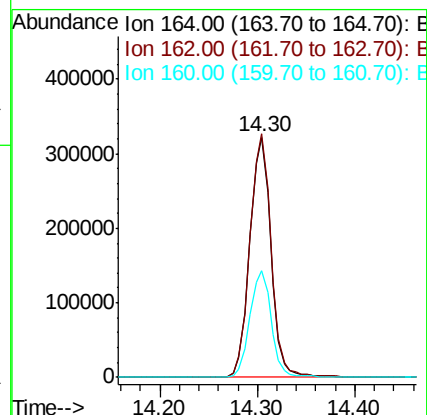
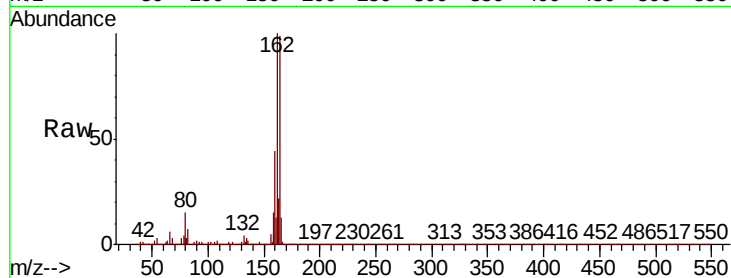
Tot Ion:164 Resp: 492002

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 44.5 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 89.441 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003136.D

Acq: 27 Aug 2020 17:31

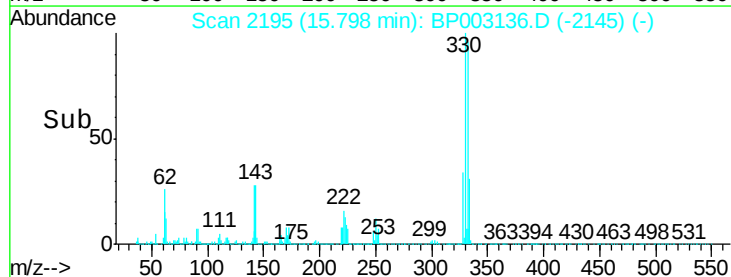
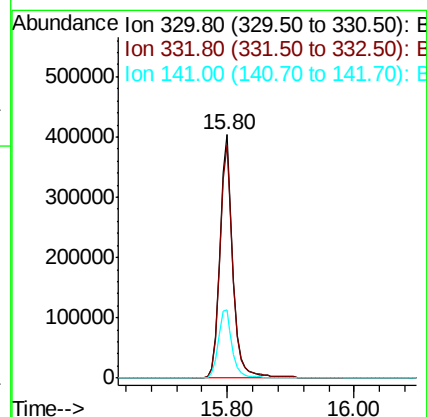
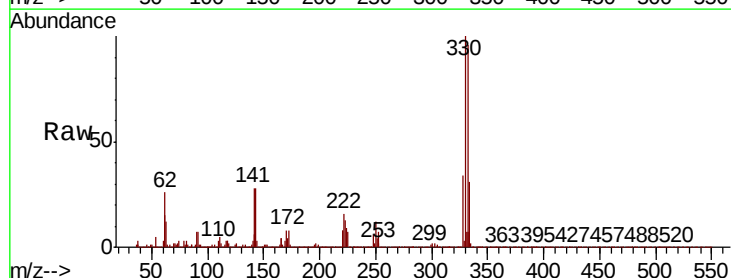
Tgt Ion:330 Resp: 595158

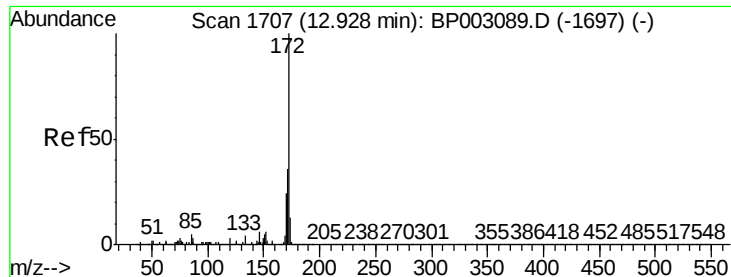
Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 30.2 24.4 36.6

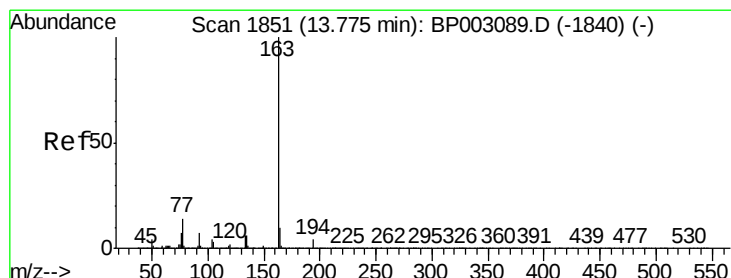
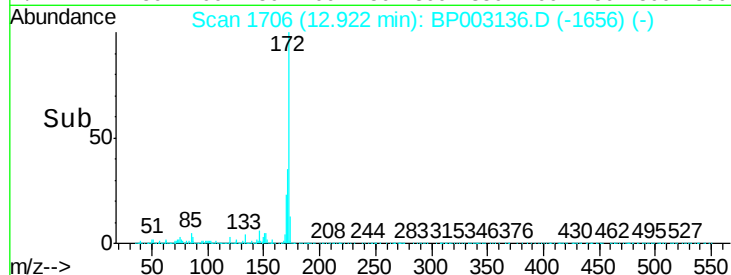
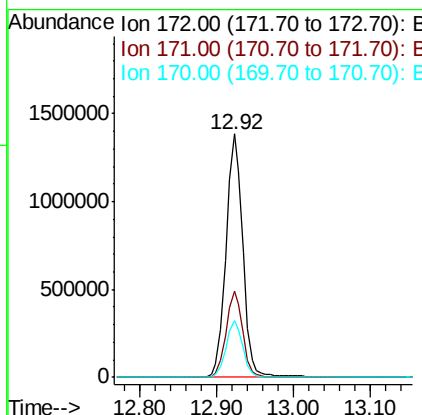
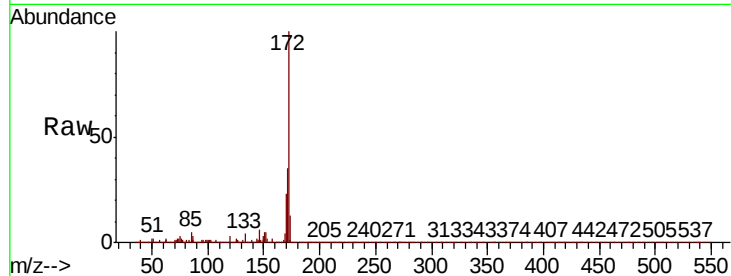




#45
2-Fluorobiphenyl
Concen: 62.998 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

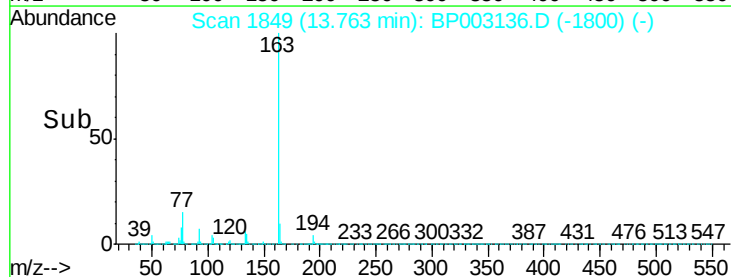
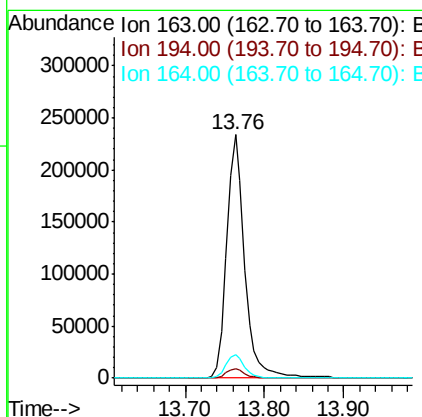
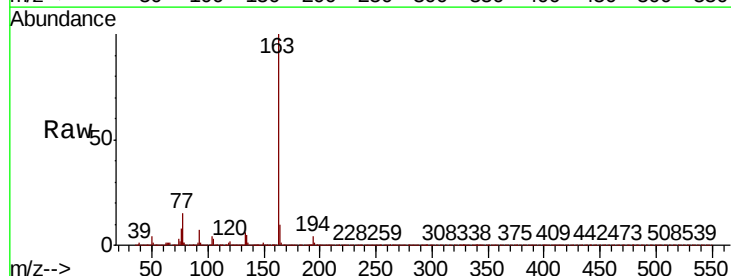
Instrument :
BNA_P
ClientSampleId :
TP-14-D

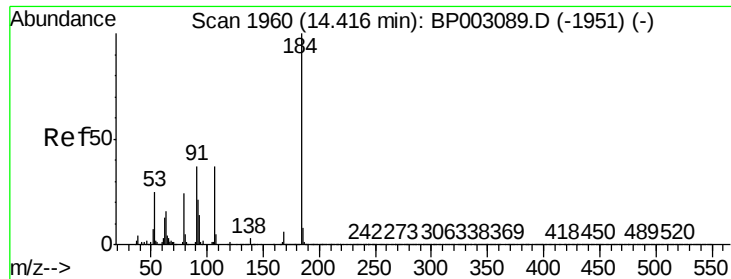
Tot Ion:172 Resp: 2116488
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.4 19.0 28.4



#50
Dimethylphthalate
Concen: 9.791 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

Tgt Ion:163 Resp: 367347
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.1 12.1

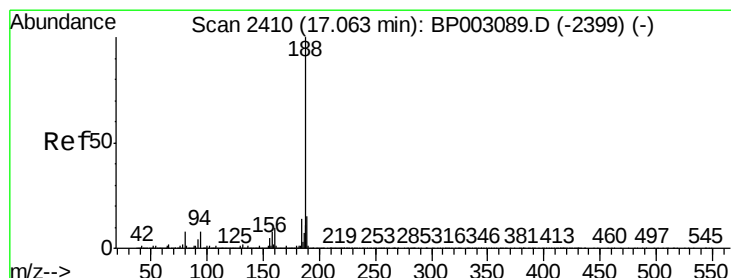
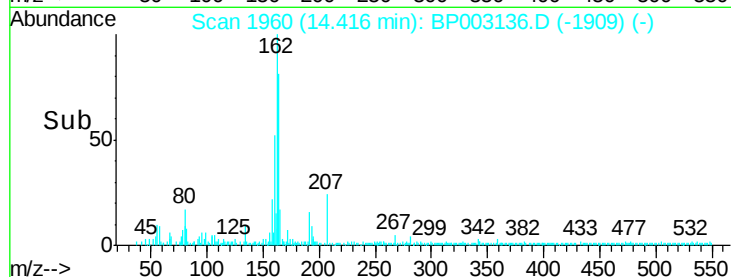
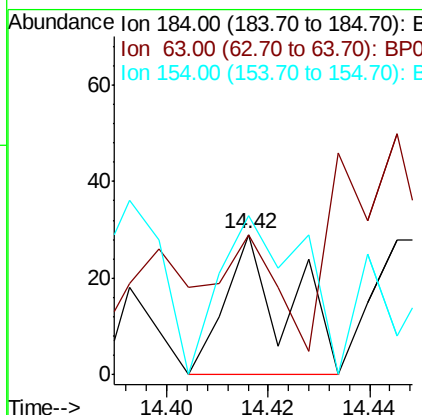
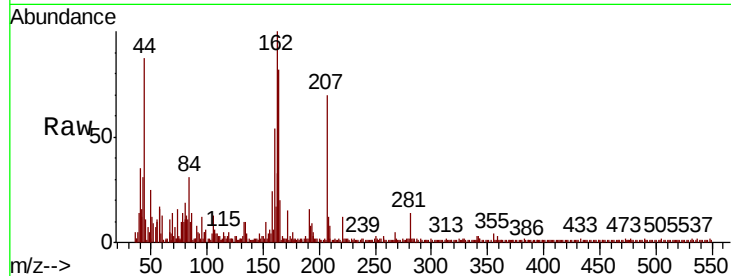




#54
 2,4-Dinitrophenol
 Concen: 7.760 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BP003136.D
 Acq: 27 Aug 2020 17:31

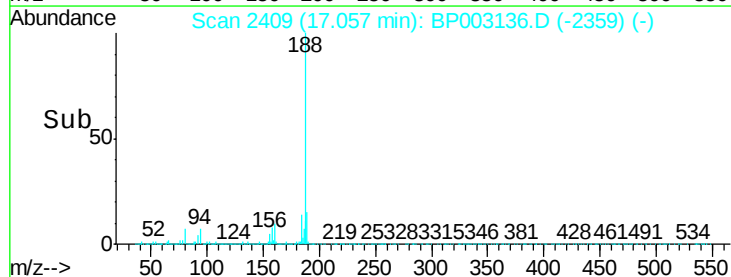
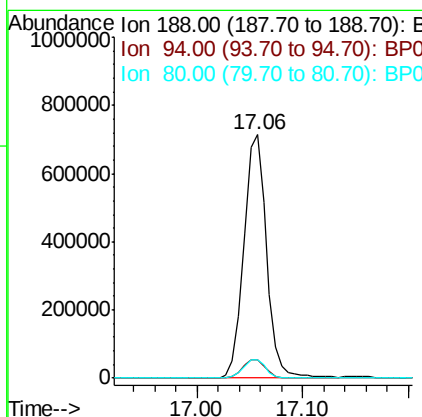
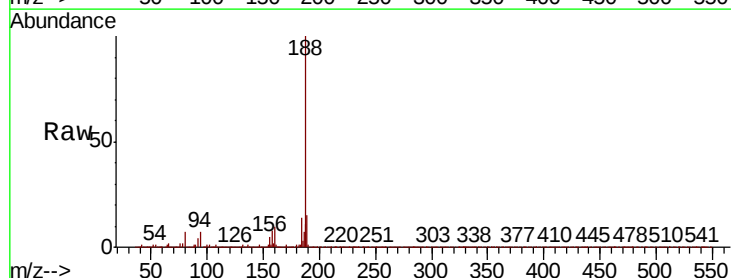
Instrument :
 BNA_P
 ClientSampled :
 TP-14-D

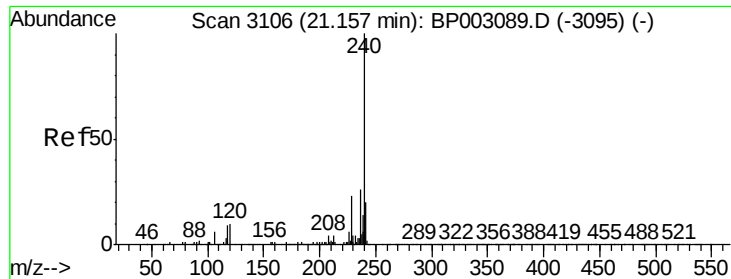
Tot Ion:184 Resp: 25
 Ion Ratio Lower Upper
 184 100
 63 100.0 32.0 48.0#
 154 113.8 48.2 72.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.06 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BP003136.D
 Acq: 27 Aug 2020 17:31

Tgt Ion:188 Resp: 1062039
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.2 9.4
 80 7.5 6.4 9.6

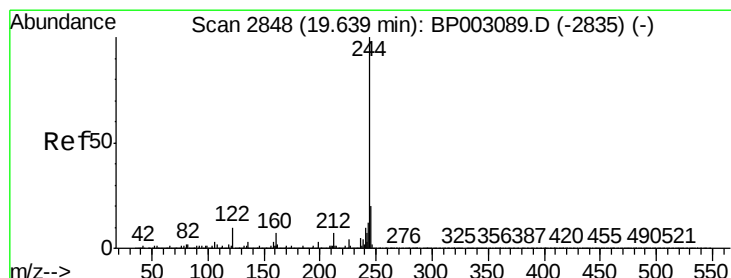
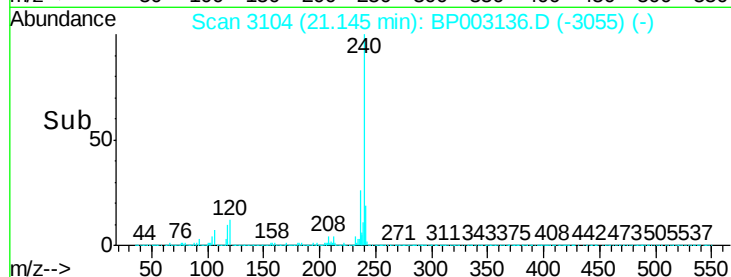
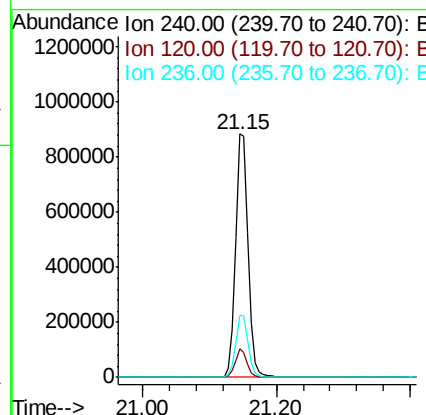
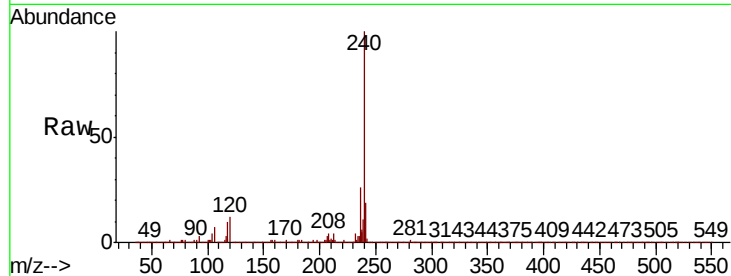




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

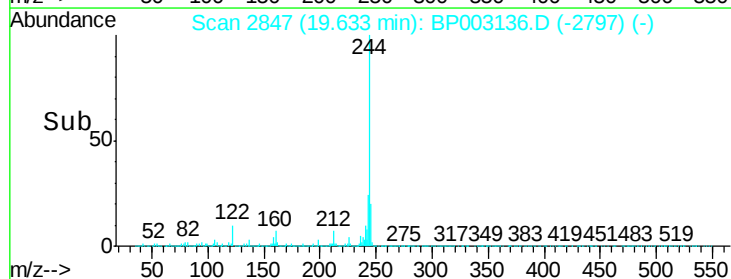
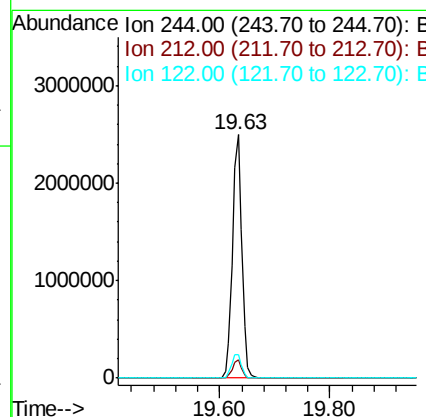
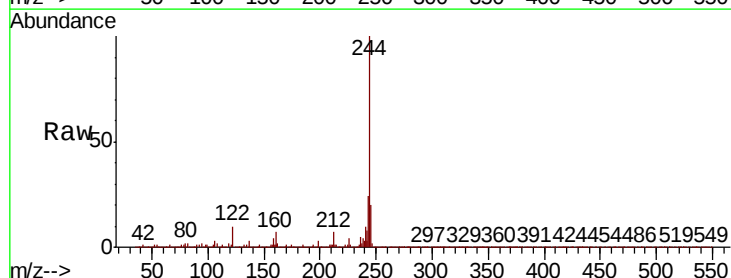
Instrument :
BNA_P
ClientSampleId :
TP-14-D

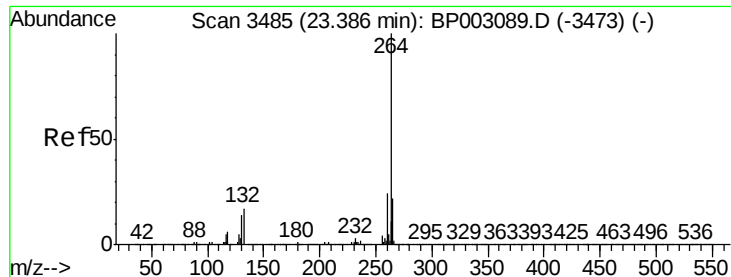
Tot Ion:240 Resp: 1172468
Ion Ratio Lower Upper
240 100
120 11.6 8.4 12.6
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 56.388 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

Tgt Ion:244 Resp: 3004563
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.7 7.7 11.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3485
Delta R.T. 0.00 min
Lab File: BP003136.D
Acq: 27 Aug 2020 17:31

Instrument :
BNA_P
ClientSampleId :
TP-14-D

Tot Ion:264 Resp: 1335629

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.0	17.7	26.5

