

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
 Data File : BP003117.D
 Acq On : 26 Aug 2020 16:53
 Operator : CG/JU
 Sample : L3793-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Aug 26 17:58:55 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

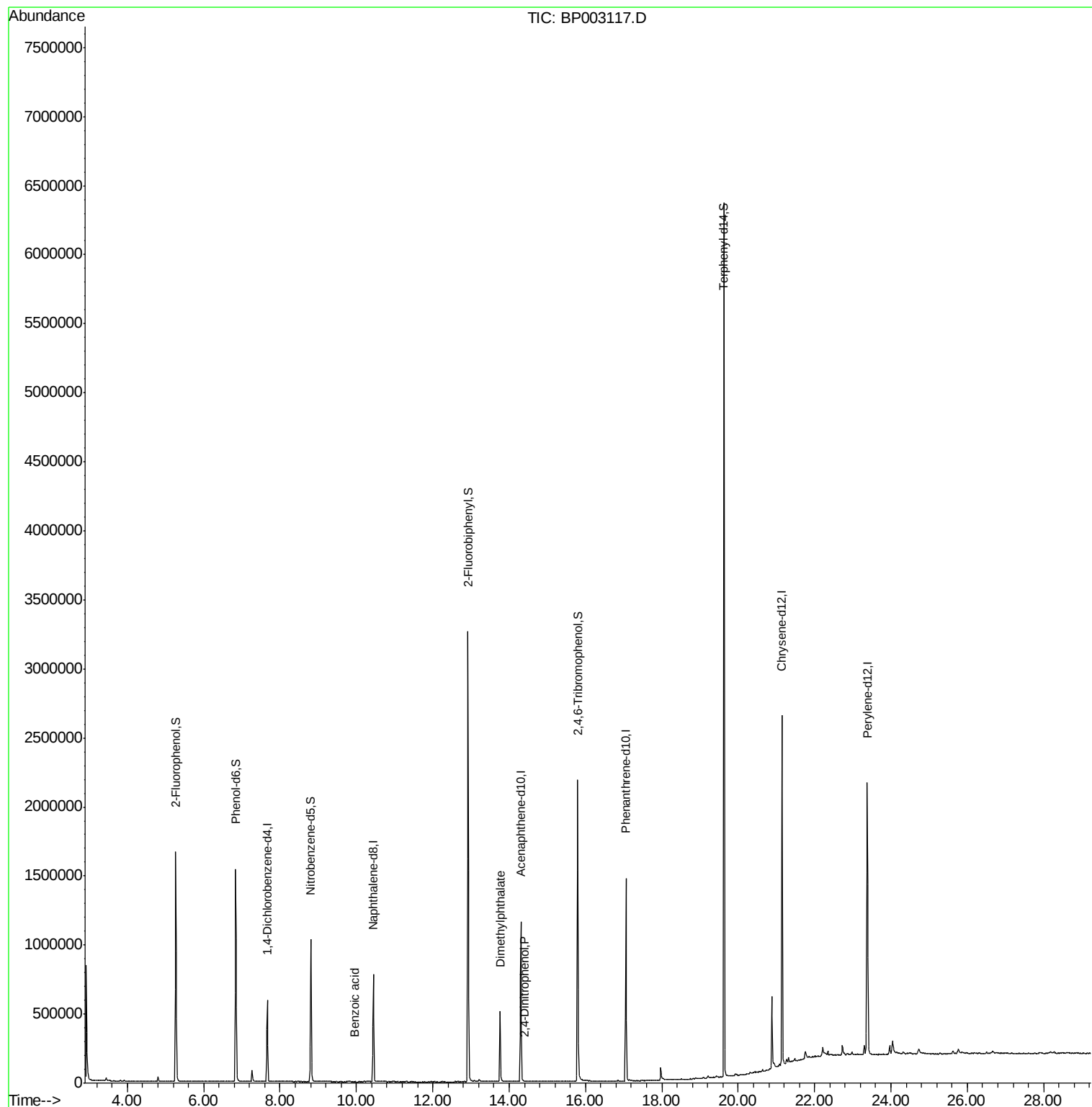
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	184843	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	730582	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	431839	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	957541	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1188365	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1462158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	910097	87.05	ng	0.00
7) Phenol-d6	6.84	99	1095131	83.56	ng	0.00
23) Nitrobenzene-d5	8.80	82	621615	61.34	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	521657	89.32	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1815913	61.58	ng	0.00
79) Terphenyl-d14	19.63	244	2801066	51.87	ng	-0.01
Target Compounds						
32) Benzoic acid	9.95	122	62	9.004	ng	86
50) Dimethylphthalate	13.76	163	402188	12.213	ng	100
54) 2,4-Dinitrophenol	14.41	184	6	7.756	ng	# 62

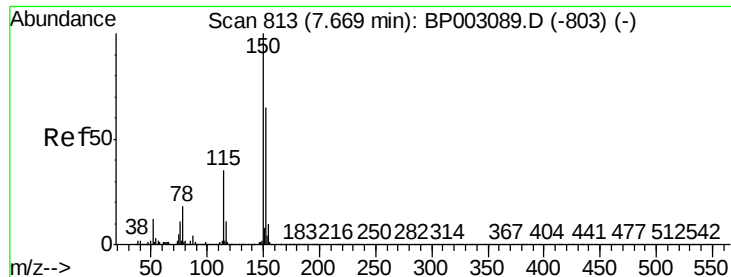
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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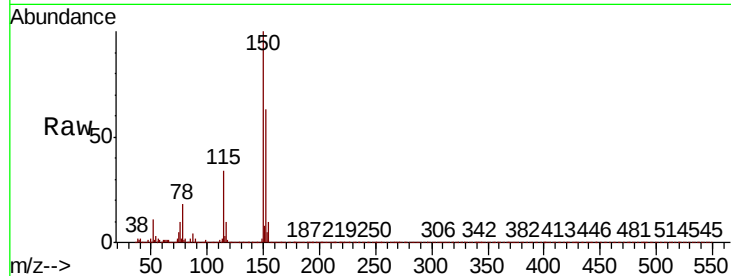


#1

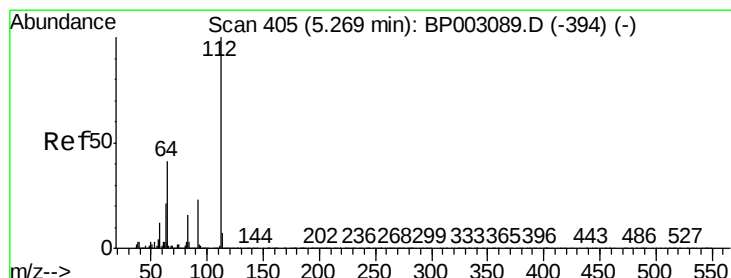
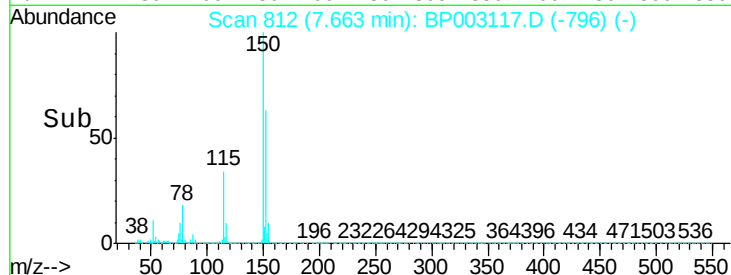
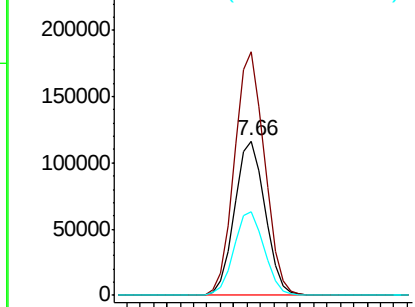
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

Instrument :
BNA_P
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.1	184.7
115	54.0	42.8	64.2



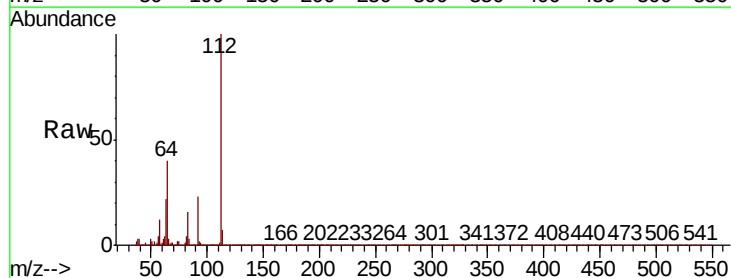
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



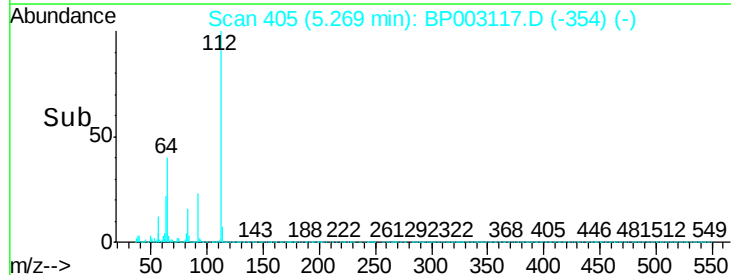
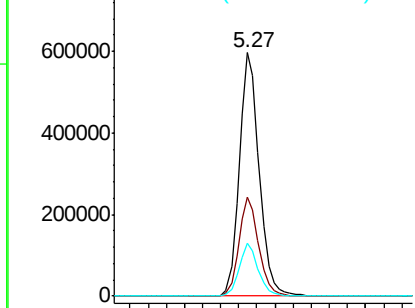
#5

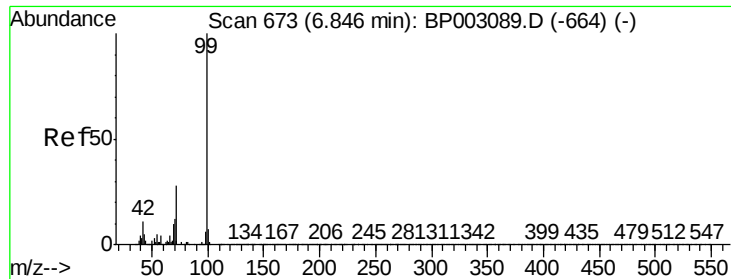
2-Fluorophenol
Concen: 87.051 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.5	33.0	49.6
63	21.5	16.9	25.3



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: 83.561 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003117.D

Acq: 26 Aug 2020 16:53

Instrument :

BNA_P

ClientSampleId :

TP-3

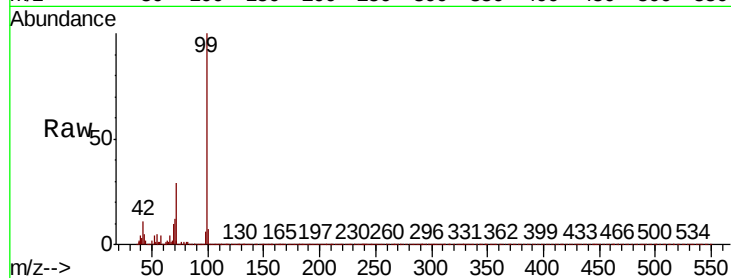
Tot Ion: 99 Resp: 1095131

Ion Ratio Lower Upper

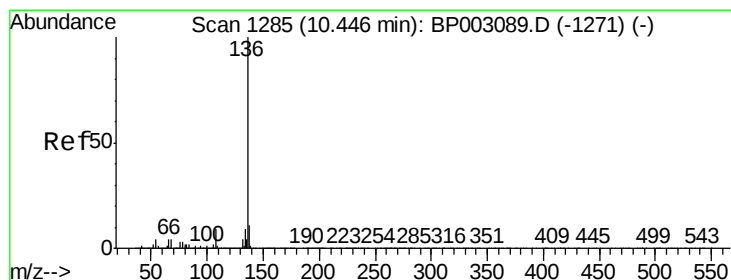
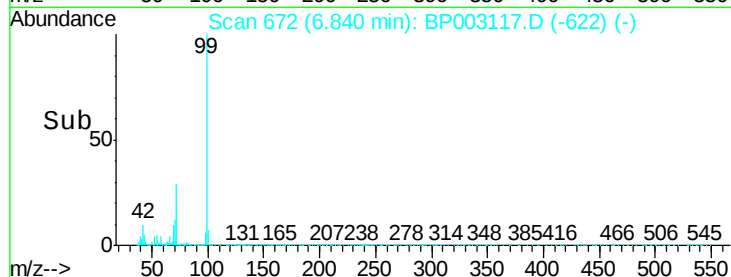
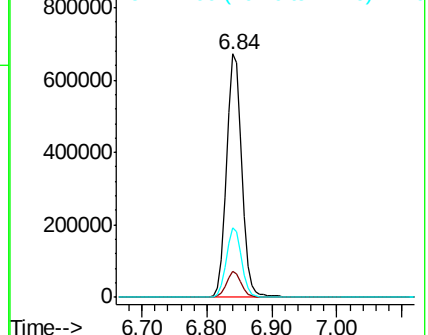
99 100

42 10.5 8.5 12.7

71 28.8 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: BP003117.D

Acq: 26 Aug 2020 16:53

Tgt Ion: 136 Resp: 730582

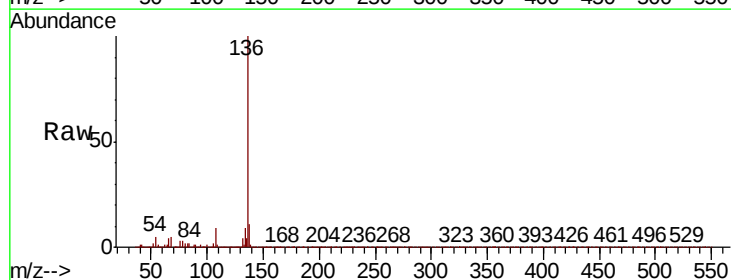
Ion Ratio Lower Upper

136 100

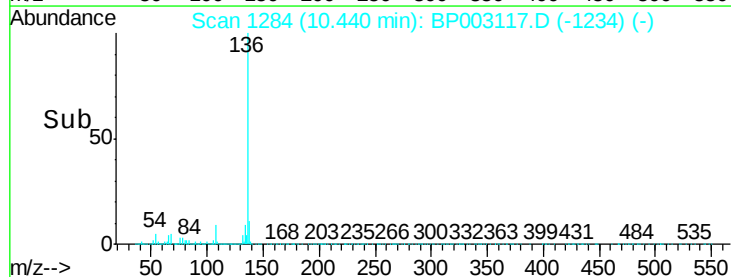
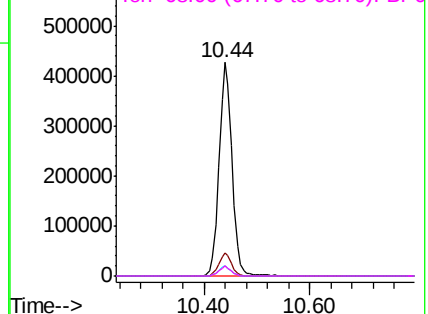
137 11.1 8.8 13.2

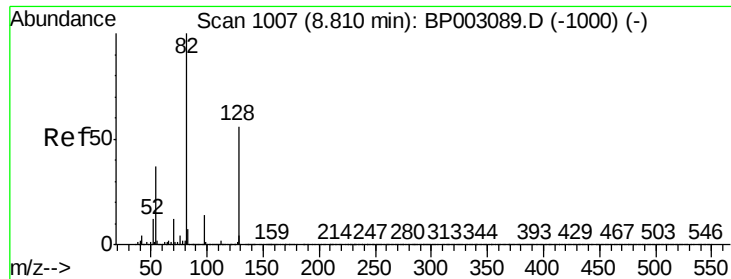
54 4.6 3.5 5.3

68 4.5 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

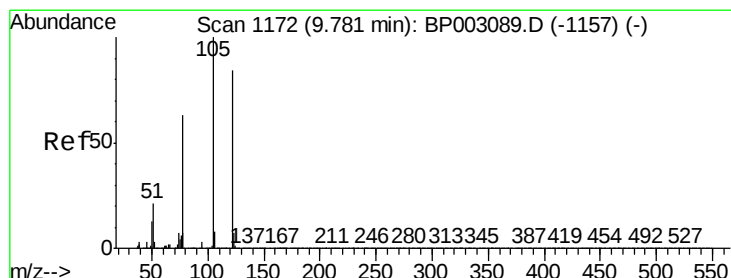
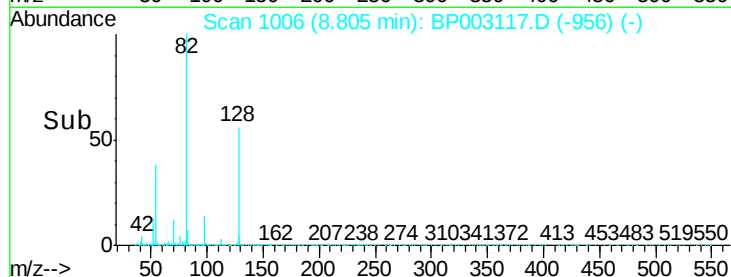
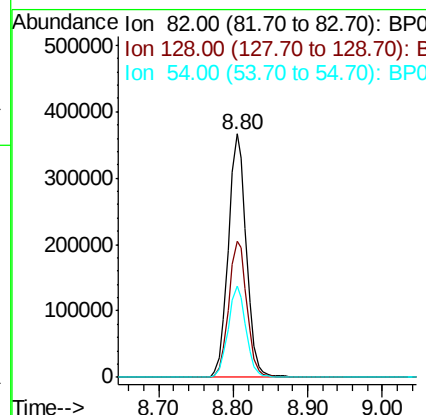
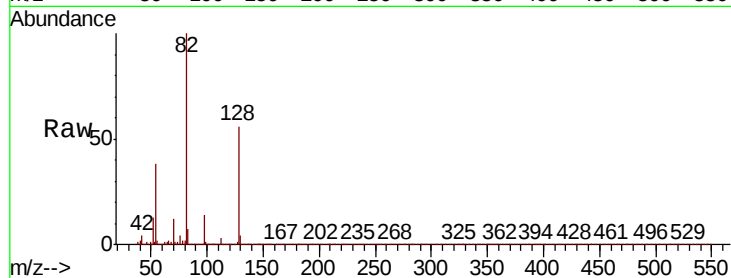




#23
 Nitrobenzene-d5
 Concen: 61.338 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003117.D
 Acq: 26 Aug 2020 16:53

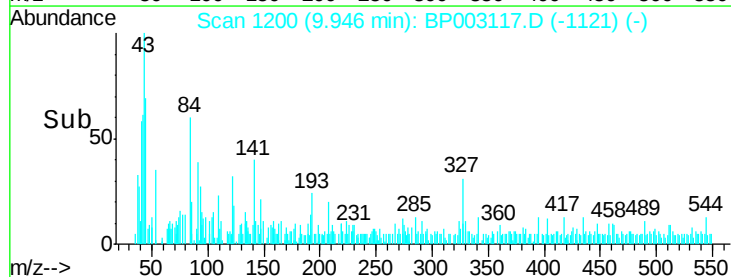
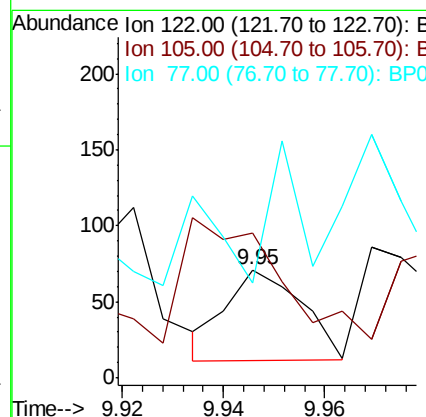
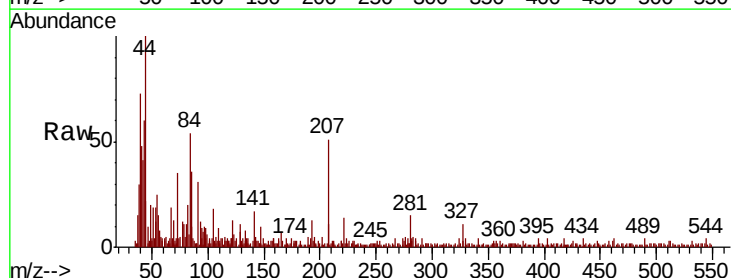
Instrument :
 BNA_P
 ClientSampleId :
 TP-3

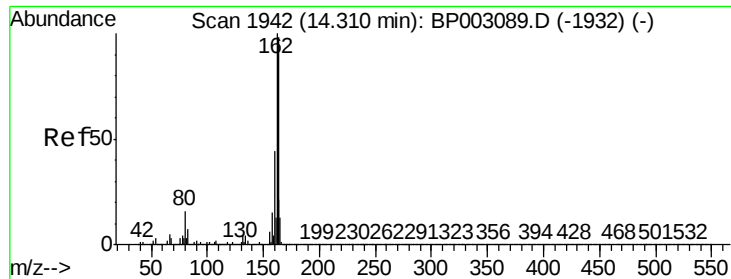
Tot Ion	82	Resp	621615
Ion Ratio	Lower	Upper	
82	100		
128	56.1	44.9	67.3
54	37.5	29.4	44.2



#32
 Benzoic acid
 Concen: 9.004 ng
 RT: 9.95 min Scan# 1200
 Delta R.T. 0.17 min
 Lab File: BP003117.D
 Acq: 26 Aug 2020 16:53

Tgt Ion	122	Resp	62
Ion Ratio	Lower	Upper	
122	100		
105	133.8	98.1	138.1
77	87.3	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: BP003117.D

Acq: 26 Aug 2020 16:53

Instrument :

BNA_P

ClientSampleId :

TP-3

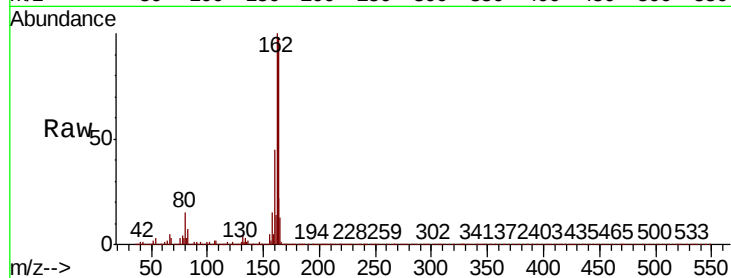
Tot Ion:164 Resp: 431839

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

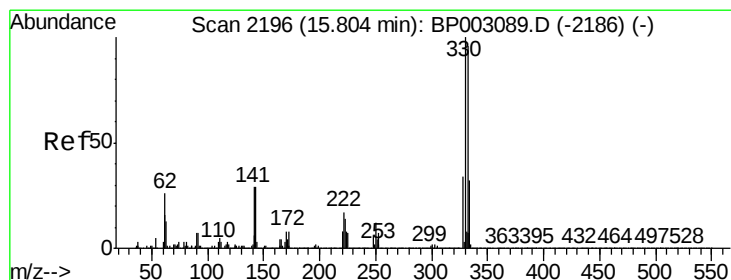
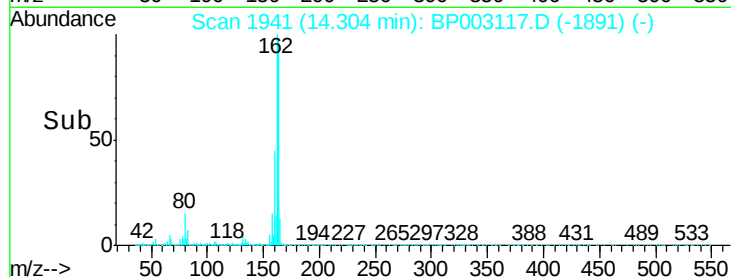
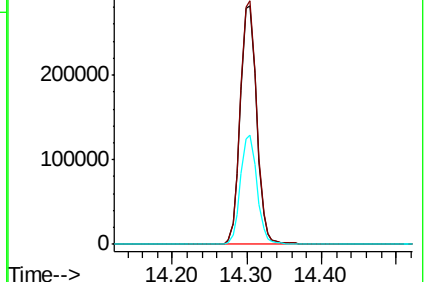
160 45.5 36.0 54.0



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: 89.317 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003117.D

Acq: 26 Aug 2020 16:53

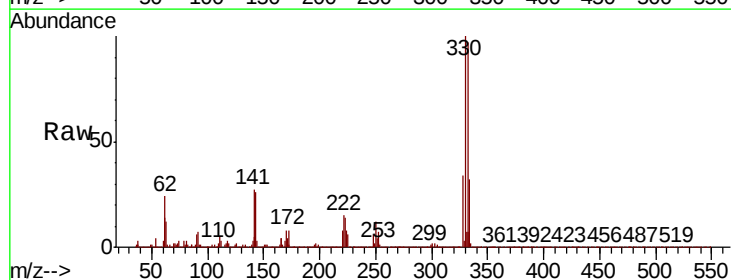
Tgt Ion:330 Resp: 521657

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

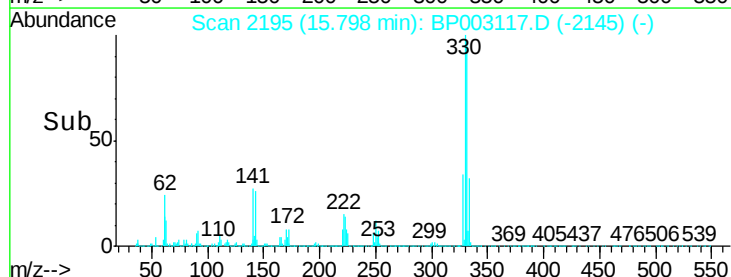
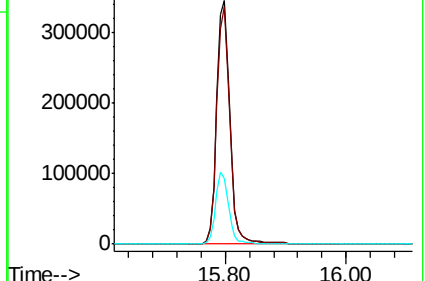
141 29.4 24.4 36.6

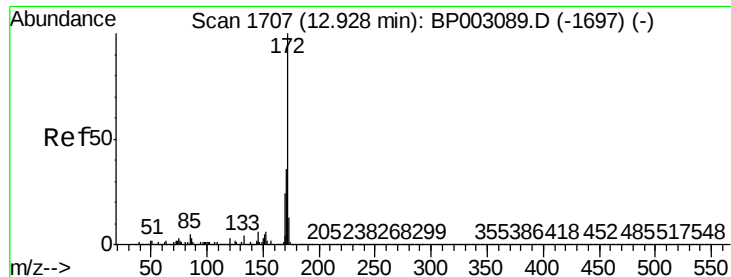


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

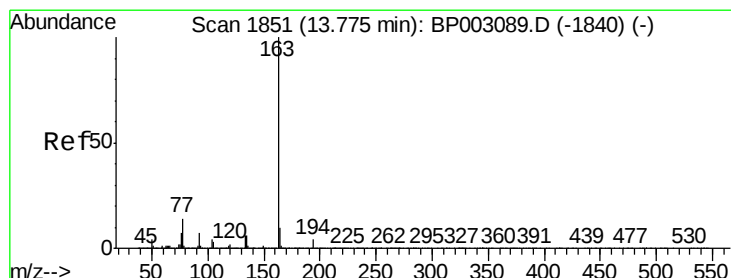
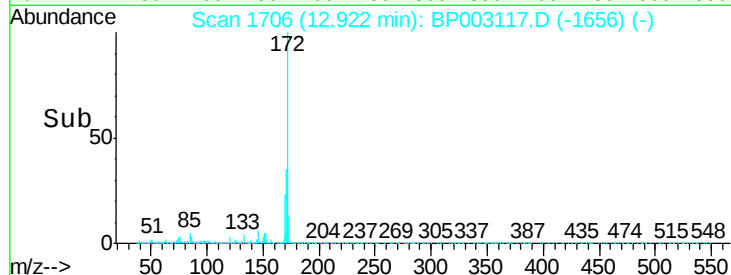
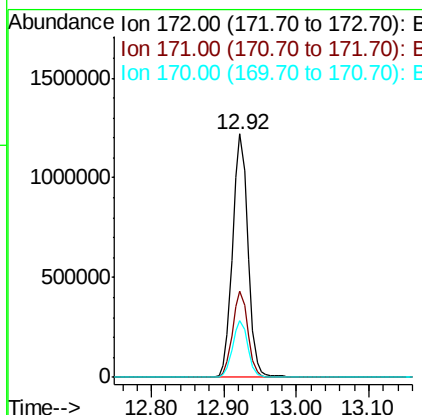
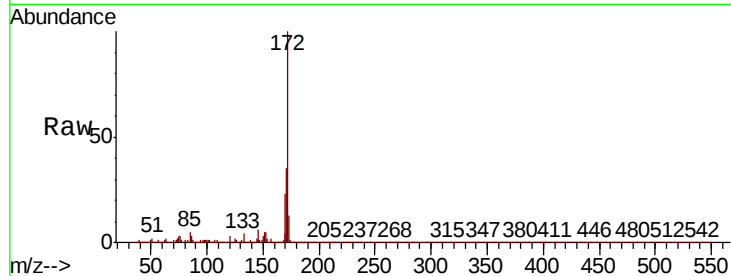




#45
2-Fluorobiphenyl
Concen: 61.581 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

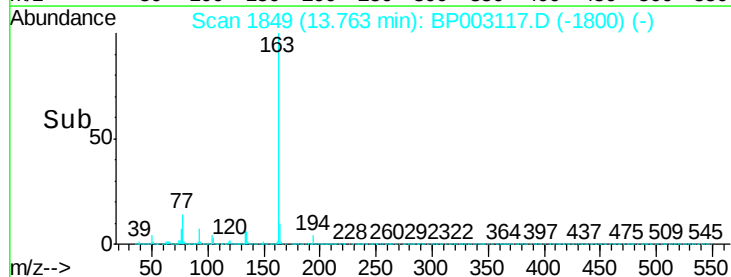
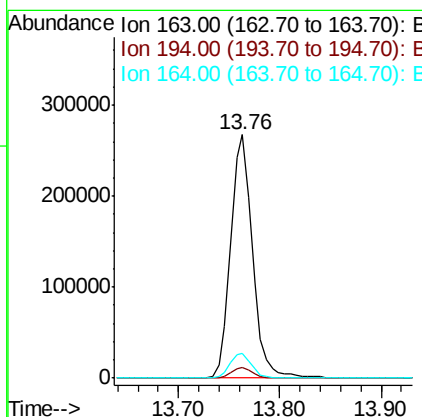
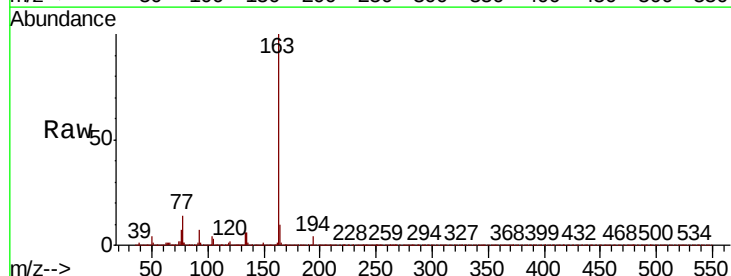
Instrument :
BNA_P
ClientSampleId :
TP-3

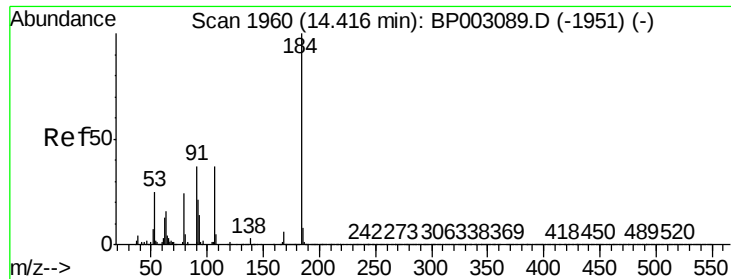
Tot Ion:172 Resp: 1815913
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.4 19.0 28.4



#50
Dimethylphthalate
Concen: 12.213 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

Tgt Ion:163 Resp: 402188
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.1 12.1

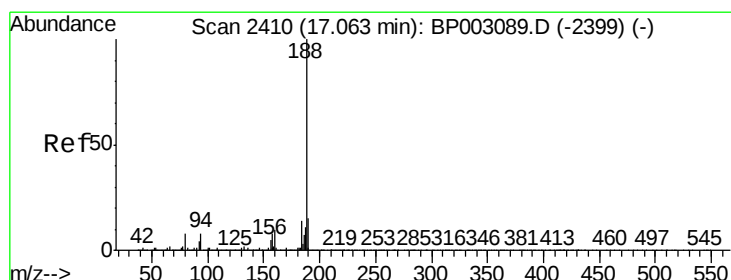
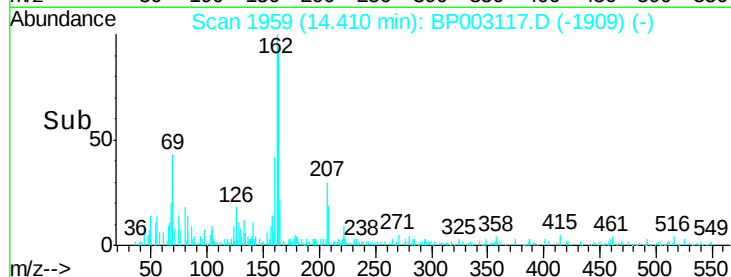
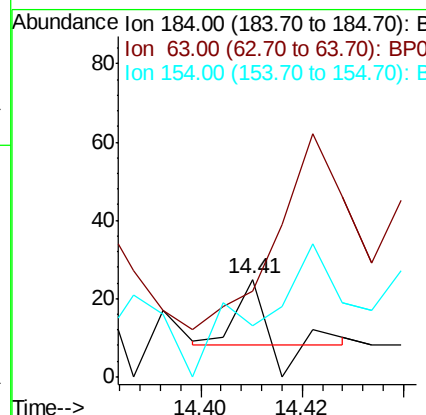
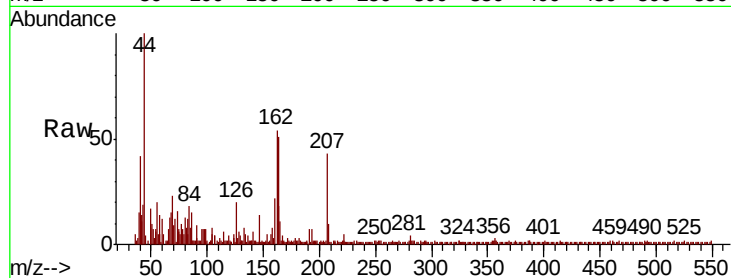




#54
2,4-Dinitrophenol
Concen: 7.756 ng
RT: 14.41 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

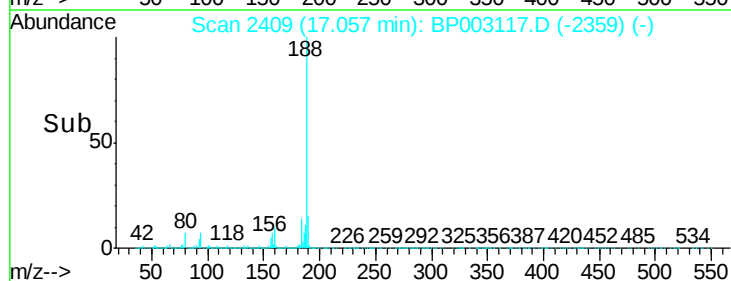
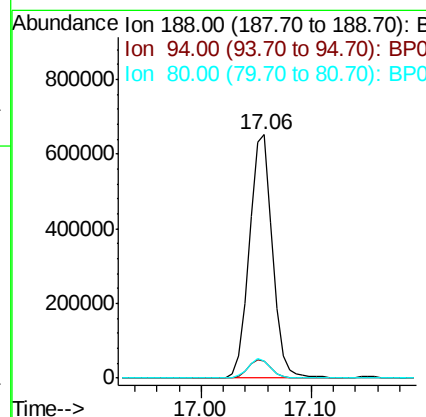
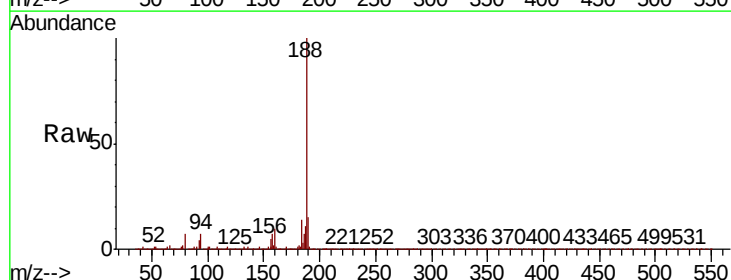
Instrument :
BNA_P
ClientSampled :
TP-3

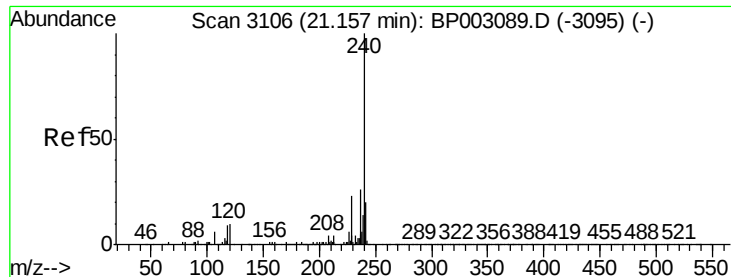
Tot Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 88.0 32.0 48.0#
154 52.0 48.2 72.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

Tgt Ion:188 Resp: 957541
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 7.1 6.4 9.6

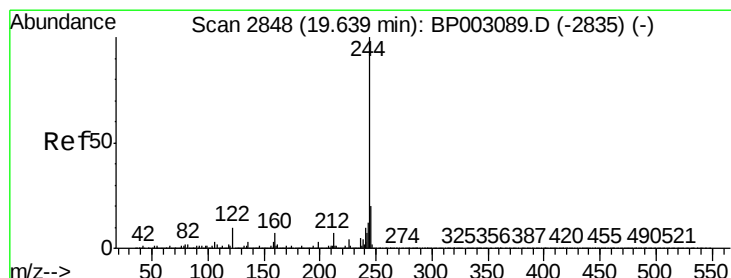
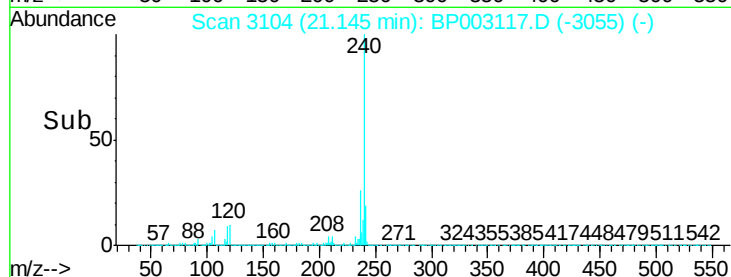
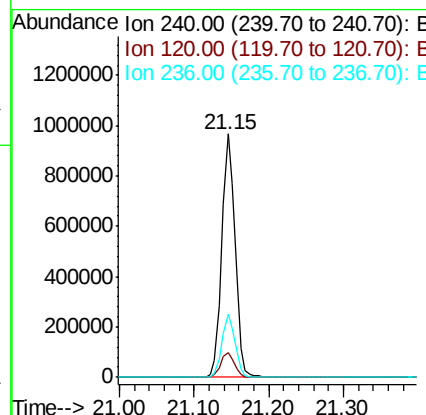
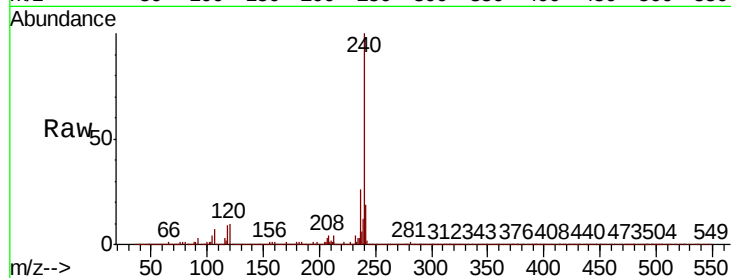




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

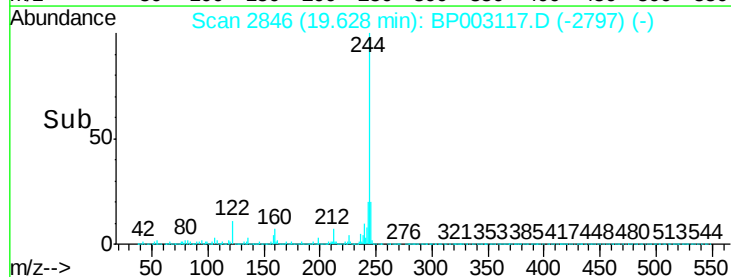
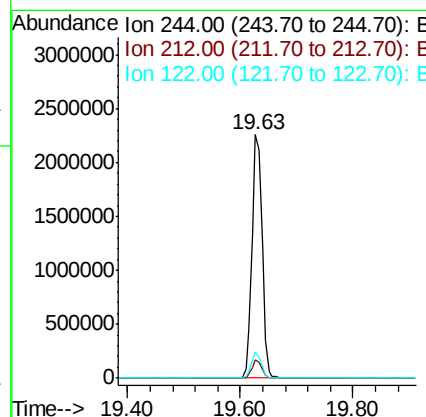
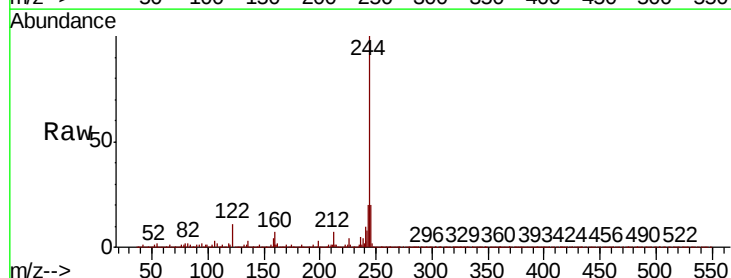
Instrument :
BNA_P
ClientSampleId :
TP-3

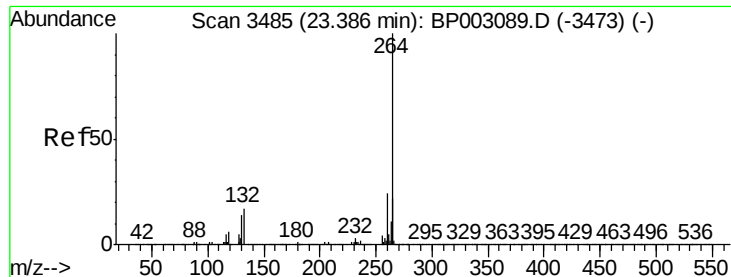
Tot Ion:240 Resp: 1188365
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 51.866 ng
RT: 19.63 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

Tgt Ion:244 Resp: 2801066
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.6 7.7 11.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003117.D
Acq: 26 Aug 2020 16:53

Instrument :
BNA_P
ClientSampleId :
TP-3

Tot Ion:264 Resp: 1462158

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.7	17.7	26.5

