

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090320\
 Data File : BP003200.D
 Acq On : 03 Sep 2020 13:12
 Operator : CG/JU
 Sample : L3836-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 03 15:21:50 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

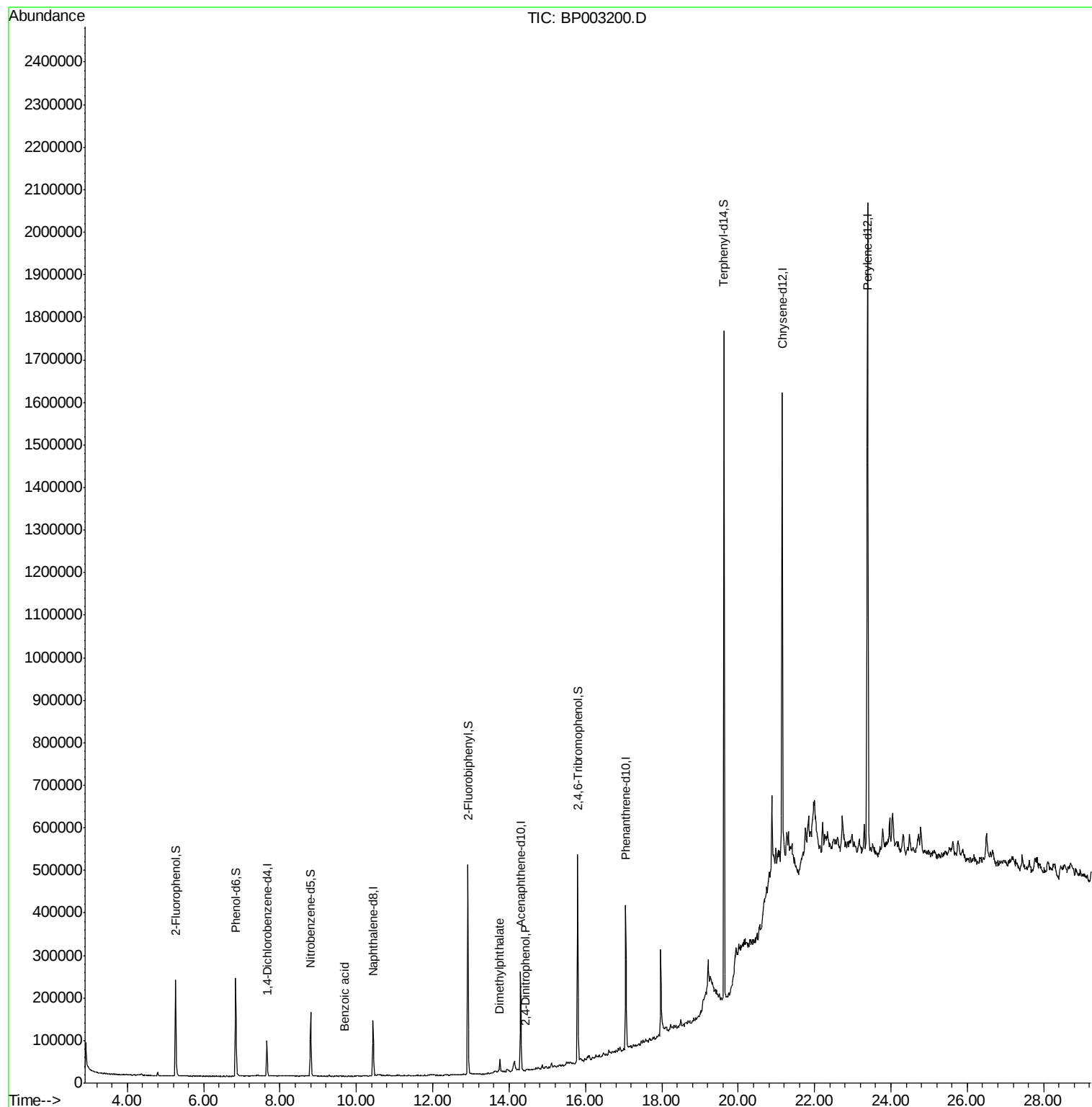
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	26552	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	119710	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	80603	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	214607	20.00	ng	0.00
76) Chrysene-d12	21.15	240	506904	20.00	ng	0.00
86) Perylene-d12	23.39	264	1106572	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	128286	85.42	ng	0.00
7) Phenol-d6	6.84	99	165392	87.85	ng	0.00
23) Nitrobenzene-d5	8.80	82	88405	53.24	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	114008	104.58	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	271526	49.33	ng	0.00
79) Terphenyl-d14	19.63	244	690970	29.99	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	91	9.062	ng	83
50) Dimethylphthalate	13.76	163	22445	3.652	ng	98
54) 2,4-Dinitrophenol	14.42	184	60	7.833	ng	# 1

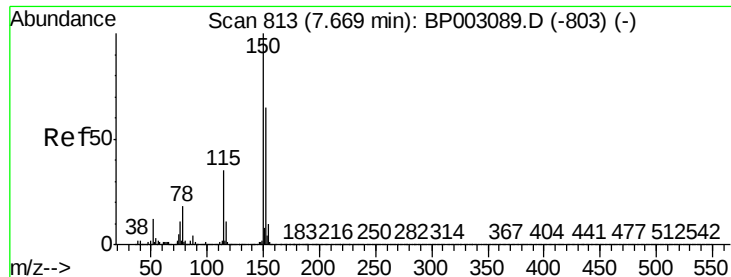
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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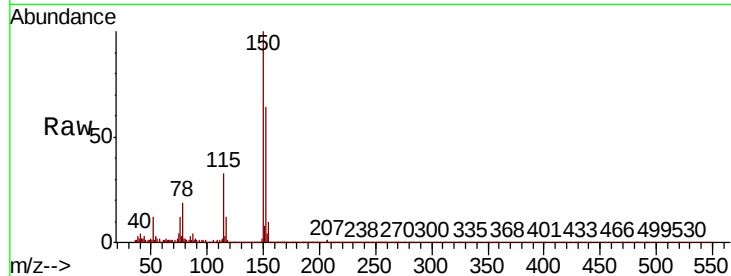


#1

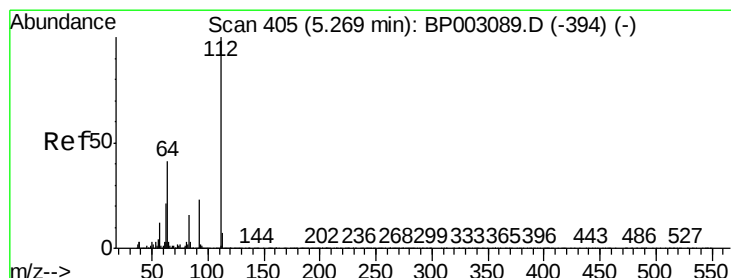
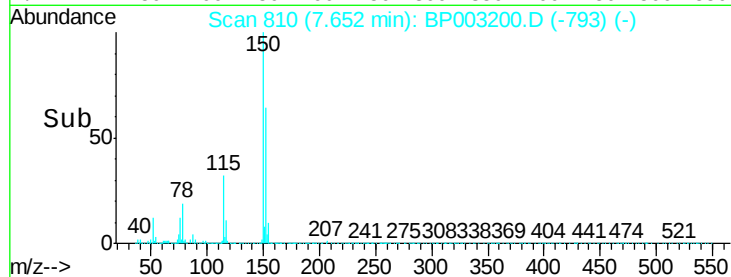
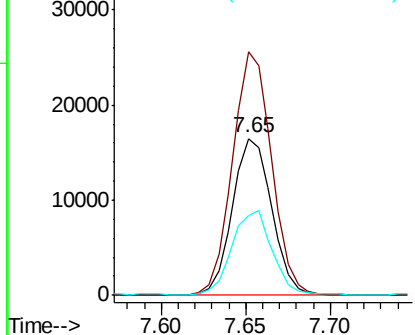
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	50.5	43.8	65.6



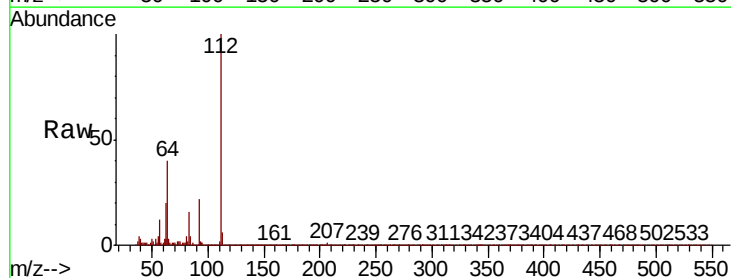
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



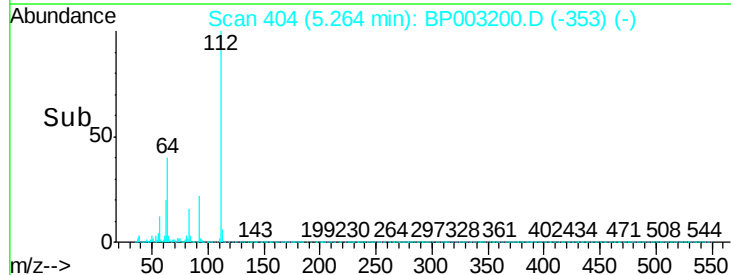
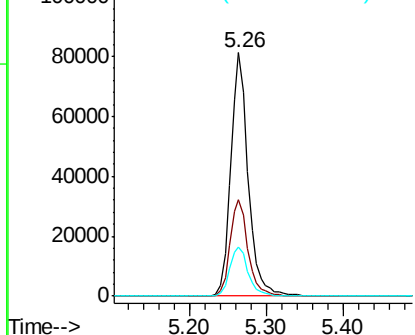
#5

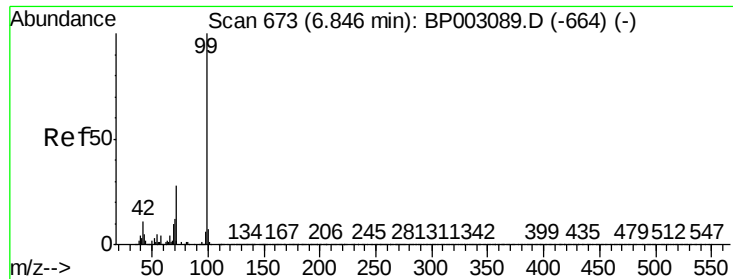
2-Fluorophenol
Concen: 85.422 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.7	32.8	49.2
63	20.3	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: 87.853 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003200.D

Acq: 03 Sep 2020 13:12

Instrument :

BNA_P

ClientSampled :

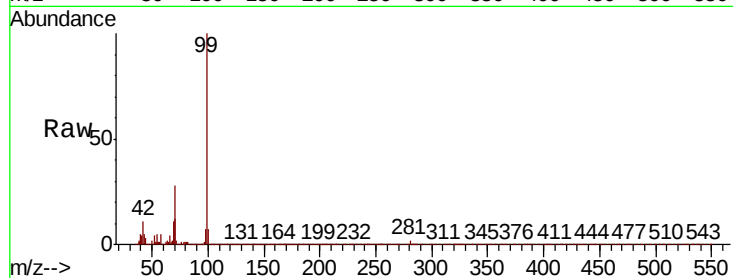
Tot Ion: 99 Resp: 165392

Ion Ratio Lower Upper

99 100

42 11.1 8.6 13.0

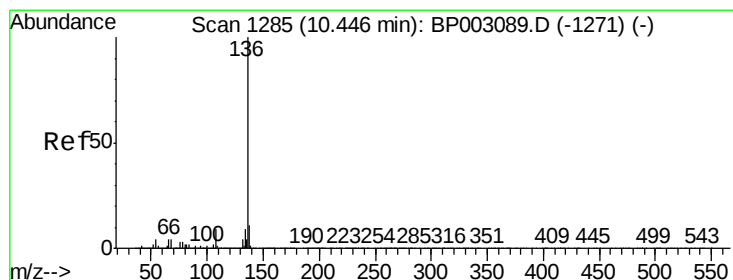
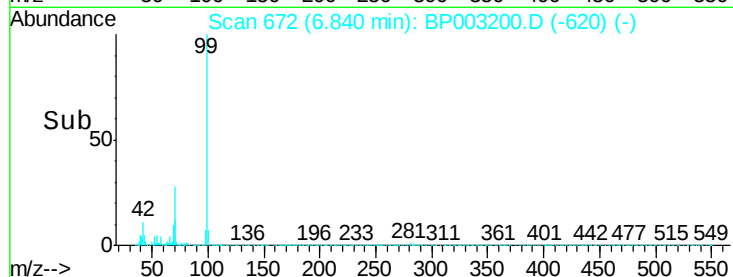
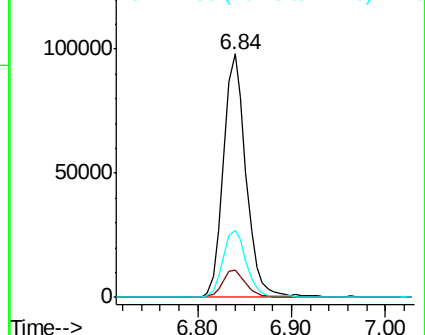
71 27.7 23.4 35.2



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: BP003200.D

Acq: 03 Sep 2020 13:12

Tgt Ion: 136 Resp: 119710

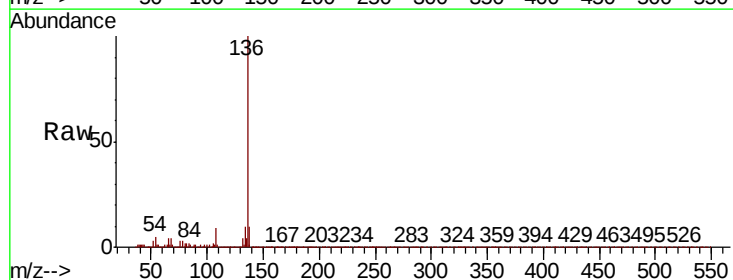
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 4.6 3.6 5.4

68 4.1 3.3 4.9

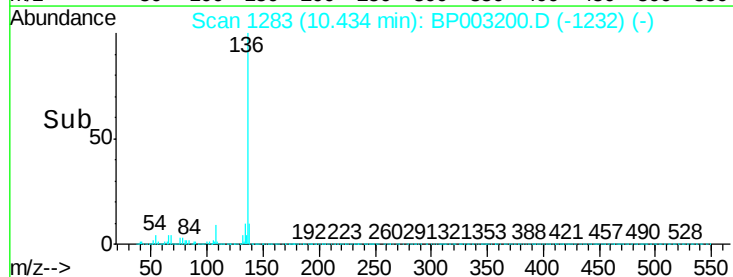
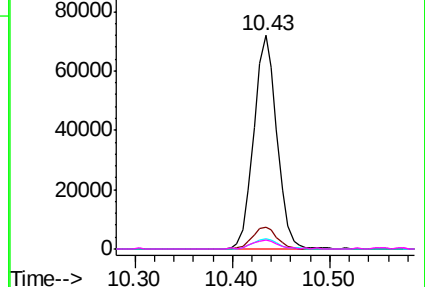


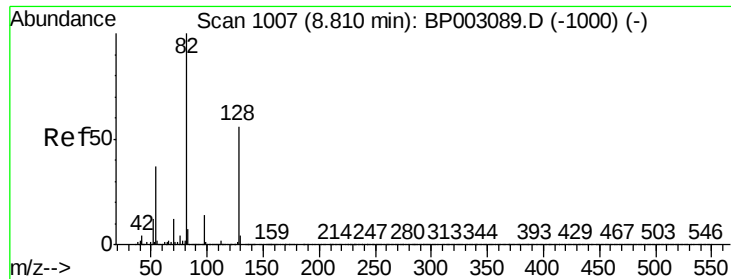
Abundance Ion 136.00 (135.70 to 136.70): E

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

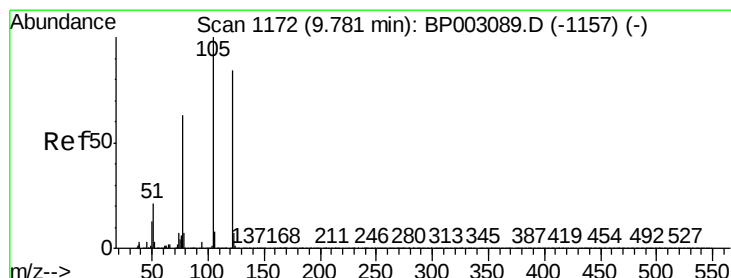
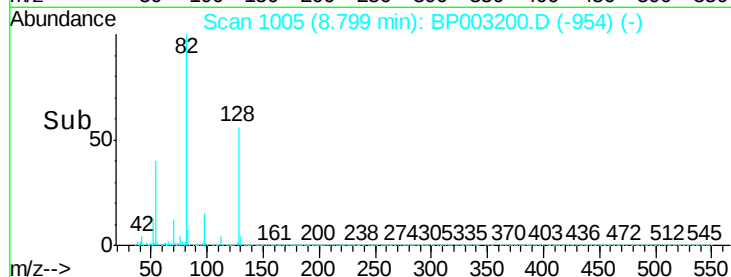
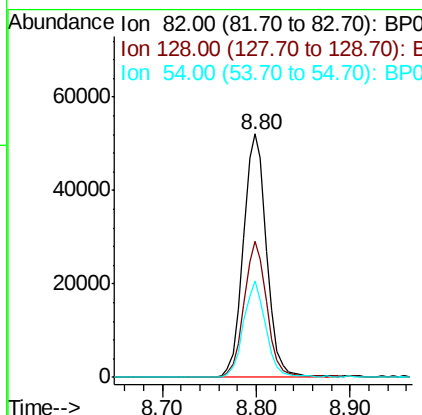
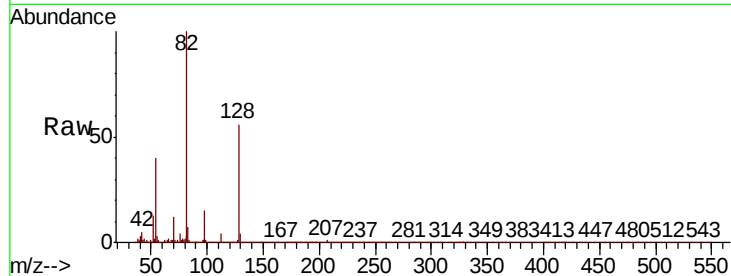




#23
Nitrobenzene-d5
Concen: 53.238 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

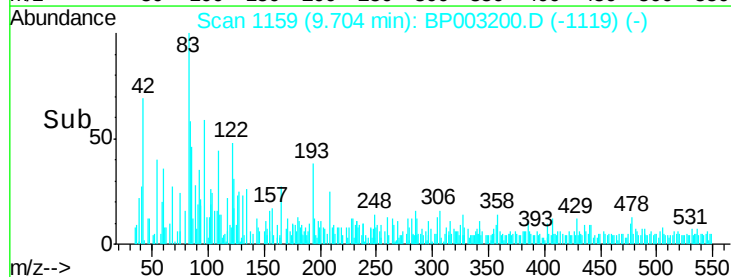
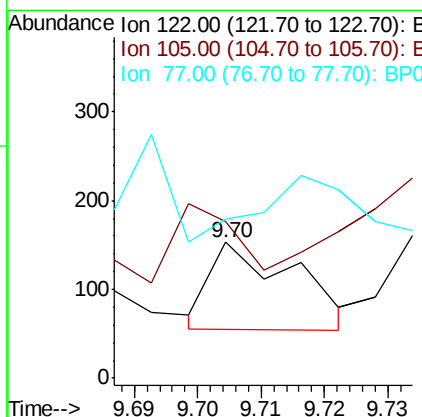
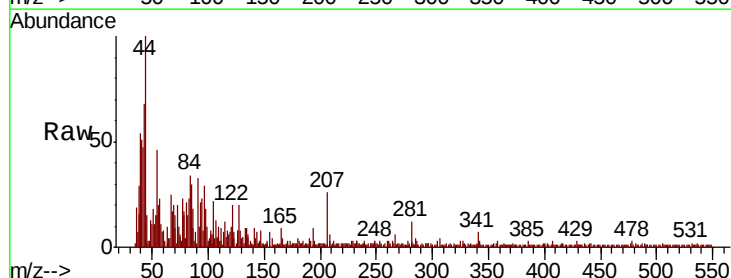
Instrument :
BNA_P
ClientSampleId :

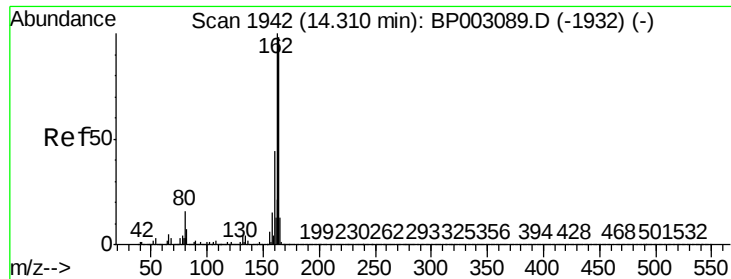
Tot Ion	82	Resp	88405
Ion Ratio	100	Lower	Upper
128	55.9	45.6	68.4
54	39.8	30.1	45.1



#32
Benzoic acid
Concen: 9.062 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

Tgt Ion	122	Resp	91
Ion Ratio	100	Lower	Upper
105	97.6	94.1	134.1
77	85.6	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: BP003200.D

Acq: 03 Sep 2020 13:12

Instrument :

BNA_P

ClientSampleId :

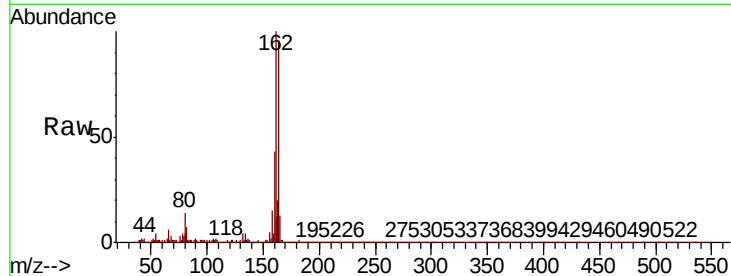
Tot Ion:164 Resp: 80603

Ion Ratio Lower Upper

164 100

162 104.6 79.4 119.2

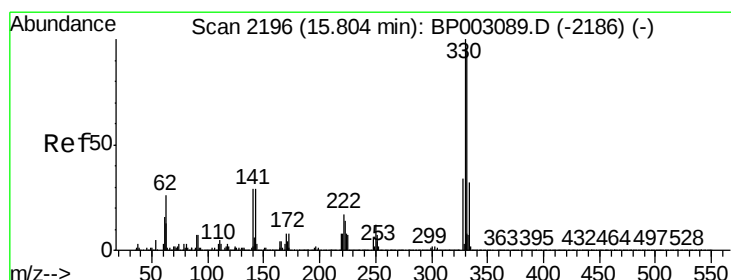
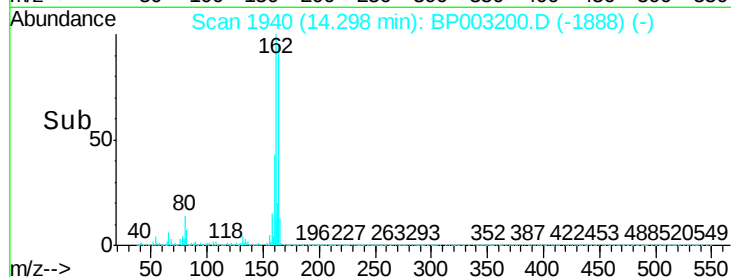
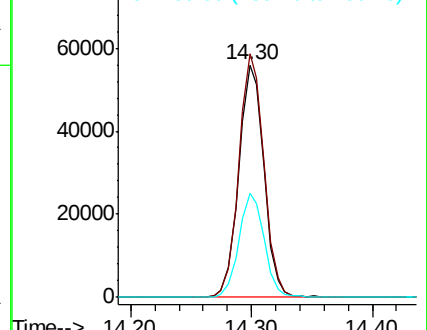
160 44.9 36.1 54.1



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: 104.582 ng

RT: 15.80 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BP003200.D

Acq: 03 Sep 2020 13:12

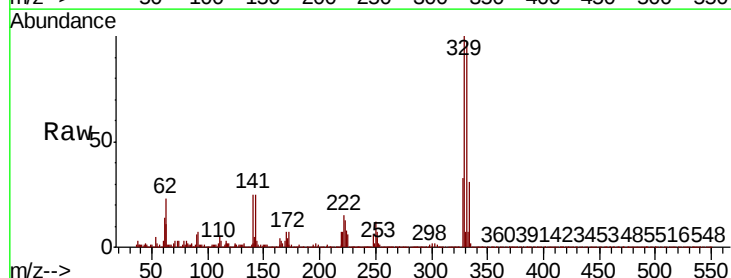
Tgt Ion:330 Resp: 114008

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

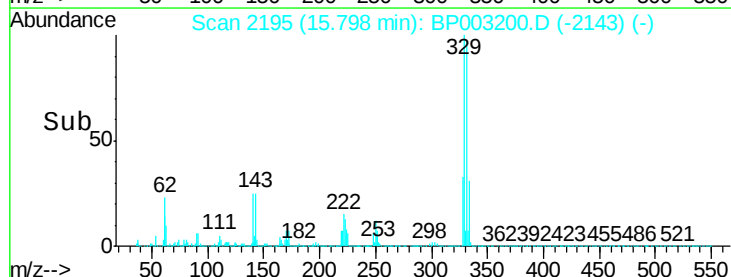
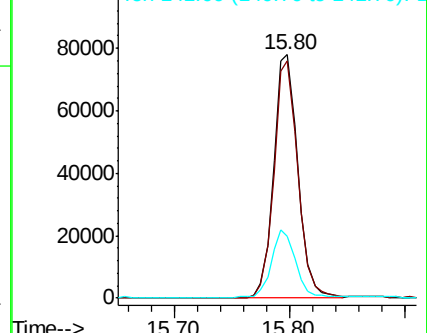
141 27.5 23.4 35.2

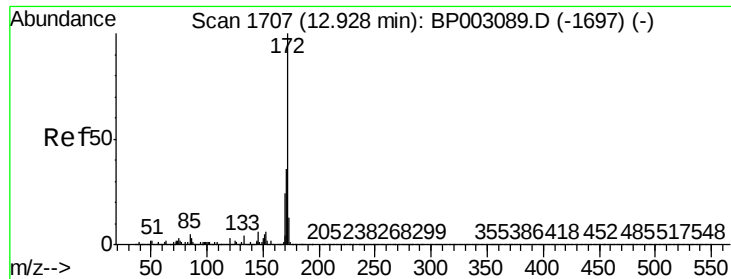


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

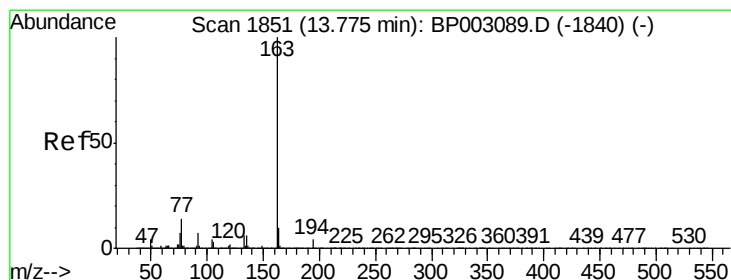
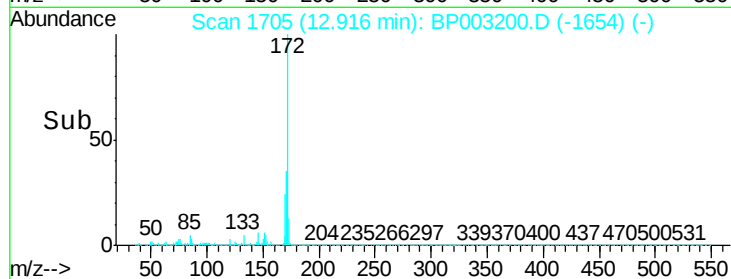
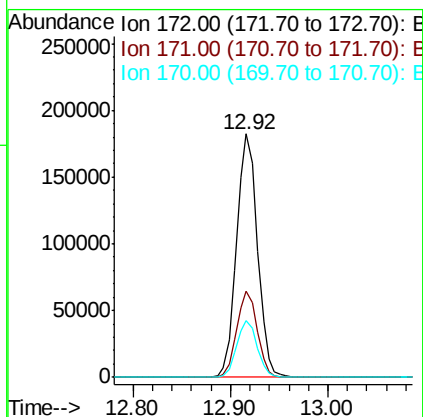
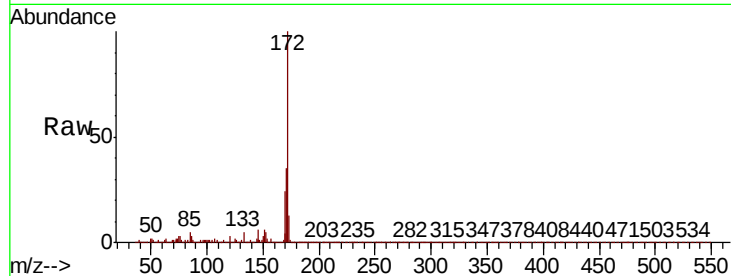




#45
2-Fluorobiphenyl
Concen: 49.333 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

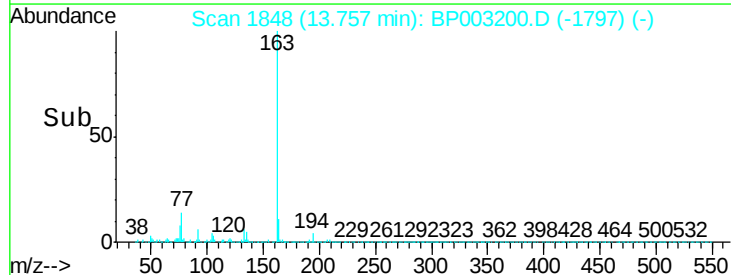
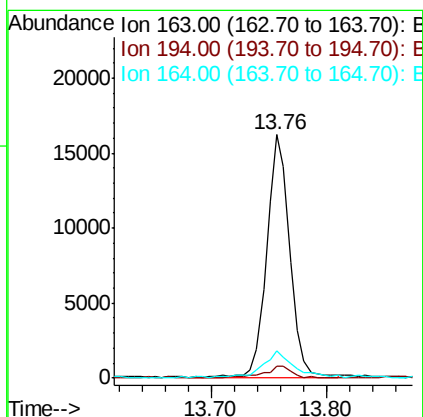
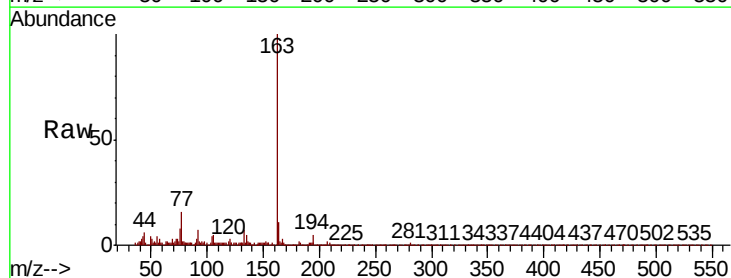
Instrument :
BNA_P
ClientSampled :

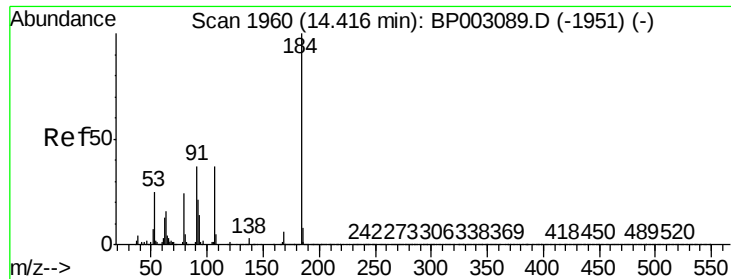
Tot Ion:172 Resp: 271526
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.2 28.8



#50
Dimethylphthalate
Concen: 3.652 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

Tgt Ion:163 Resp: 22445
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9
164 11.2 8.2 12.2

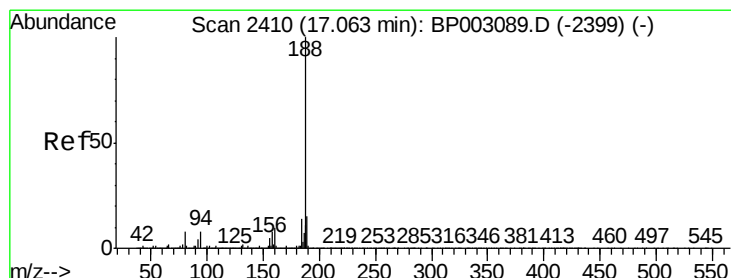
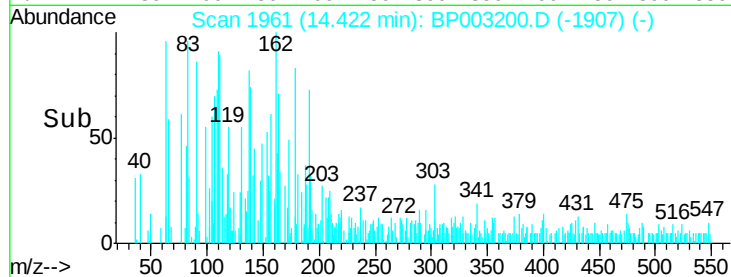
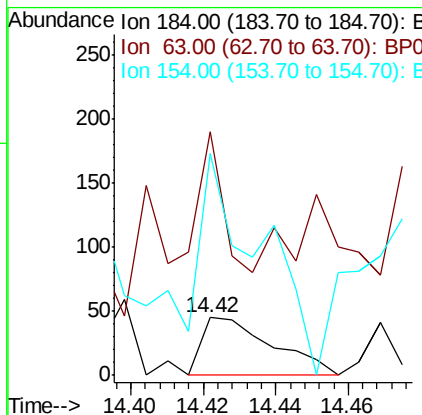
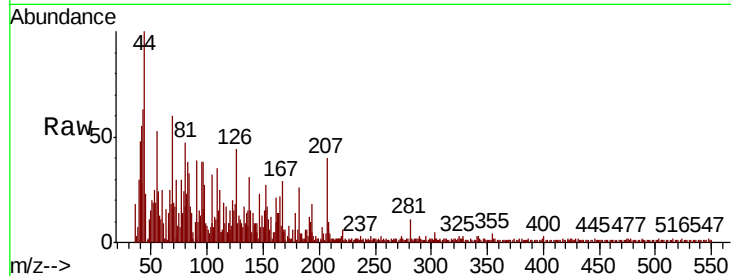




#54
2,4-Dinitrophenol
Concen: 7.833 ng
RT: 14.42 min Scan# 1961
Delta R.T. 0.02 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

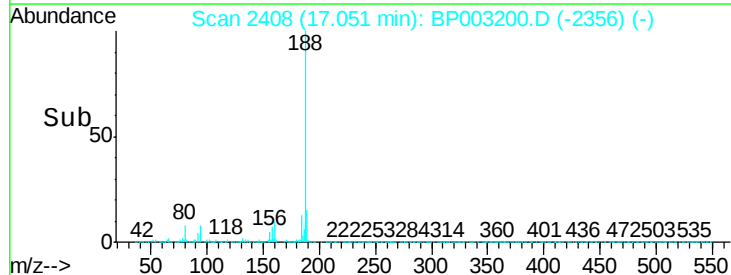
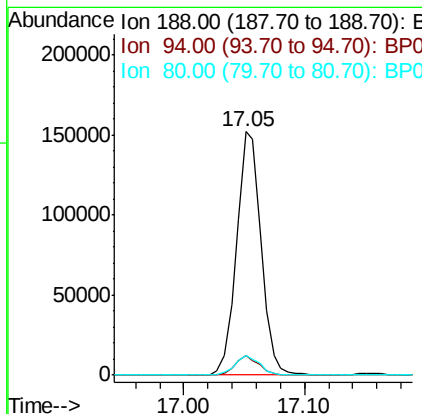
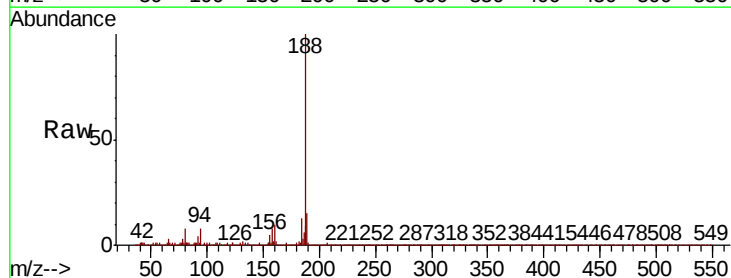
Instrument :
BNA_P
ClientSampled :

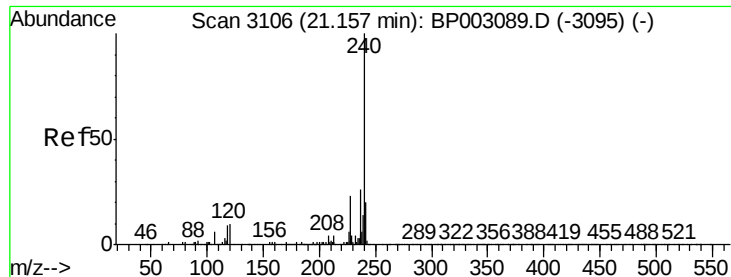
Tot Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 422.2 32.3 48.5#
154 384.4 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

Tgt Ion:188 Resp: 214607
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 8.2 6.2 9.2

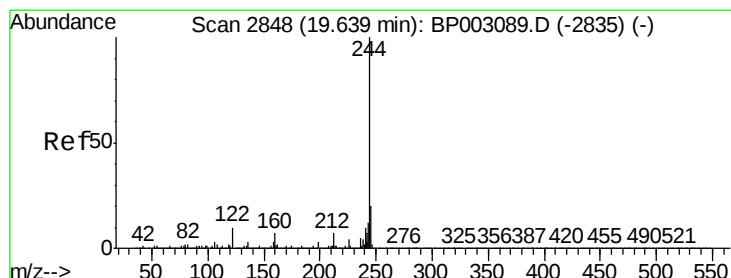
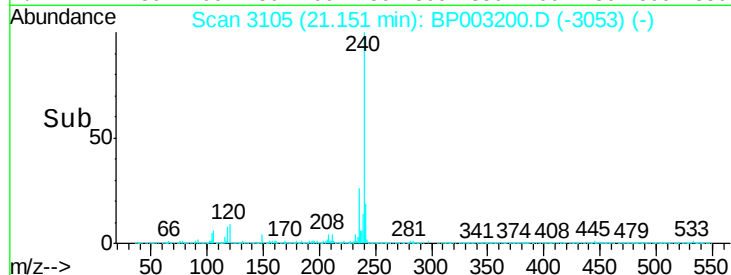
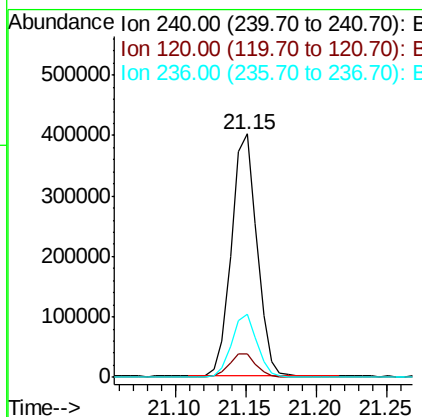
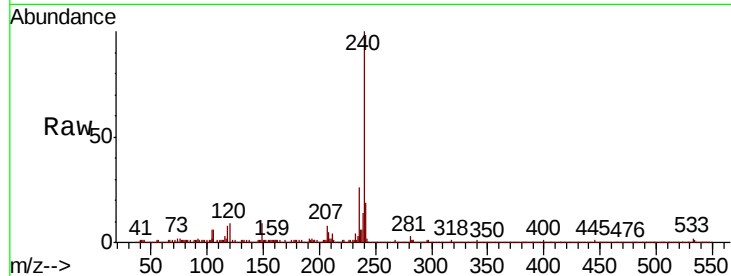




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

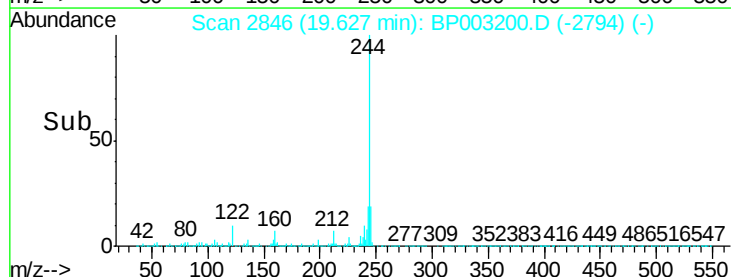
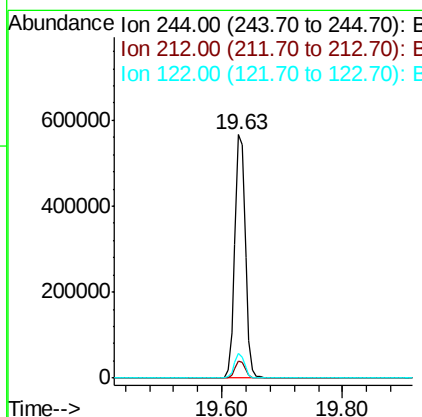
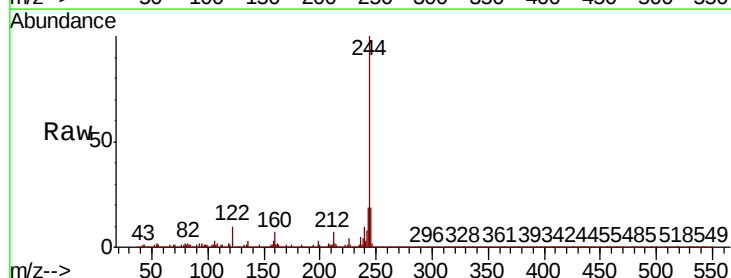
Instrument :
BNA_P
ClientSampled :

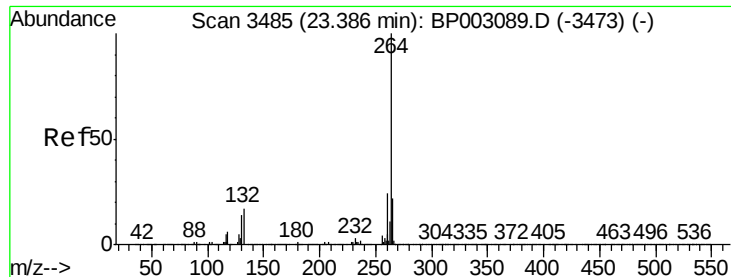
Tot Ion:240 Resp: 506904
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 29.994 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003200.D
Acq: 03 Sep 2020 13:12

Tgt Ion:244 Resp: 690970
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 10.3 7.8 11.8





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3485
 Delta R.T. 0.02 min
 Lab File: BP003200.D
 Acq: 03 Sep 2020 13:12

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:264 Resp: 1106572

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.2	17.4	26.2

