

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003143.D
 Acq On : 27 Aug 2020 21:30
 Operator : CG/JU
 Sample : L3818-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AC-3

Quant Time: Aug 28 00:52:01 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

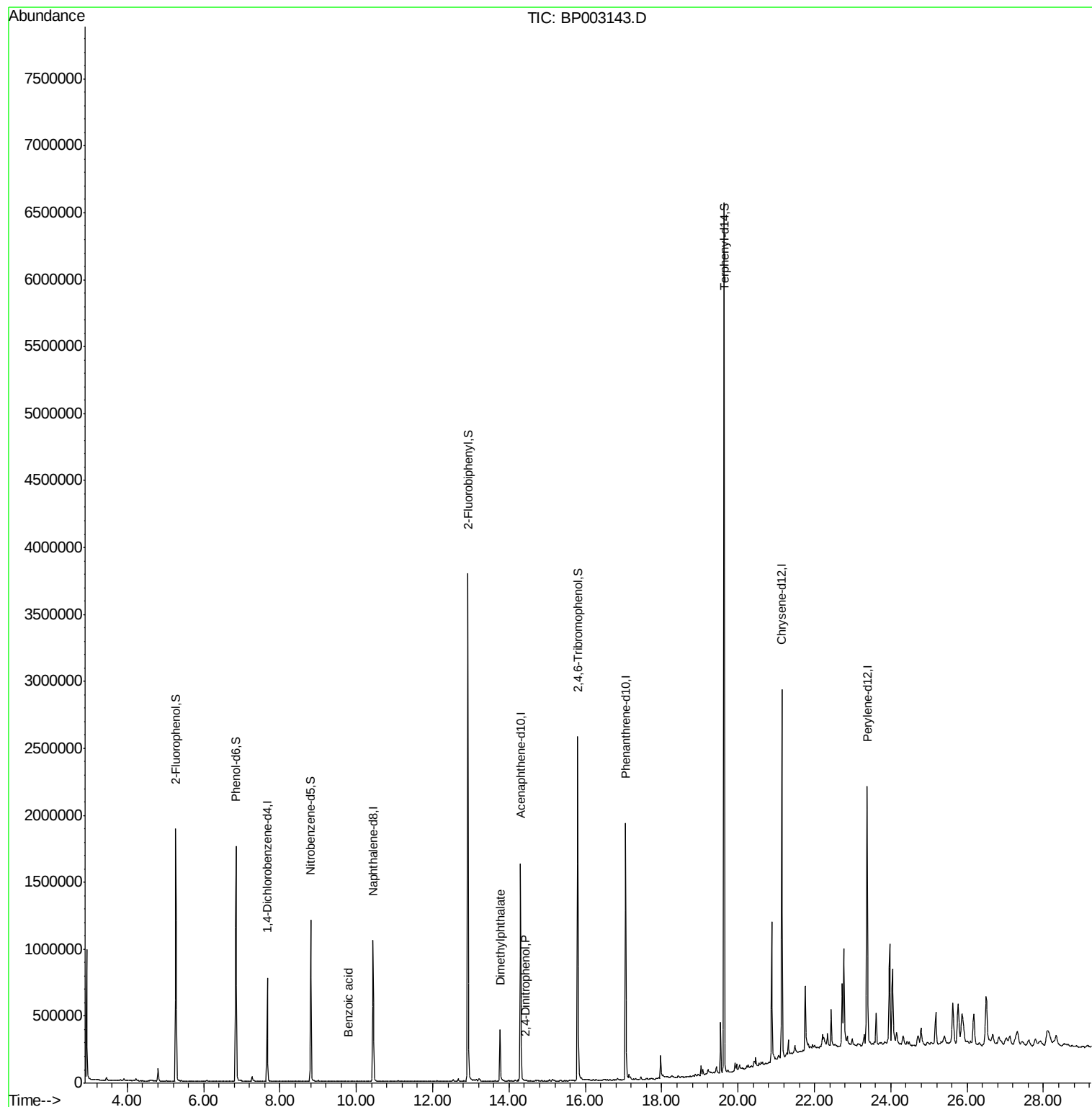
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	235282	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	961061	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	590280	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1245165	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	1282317	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1399992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1004113	75.45	ng	0.00
7) Phenol-d6	6.85	99	1218199	73.02	ng	0.00
23) Nitrobenzene-d5	8.80	82	715452	53.67	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	601082	75.29	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2155074	53.47	ng	0.00
79) Terphenyl-d14	19.63	244	3003890	51.55	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	251	9.019	ng	# 80
50) Dimethylphthalate	13.76	163	315911	7.018	ng	100
54) 2,4-Dinitrophenol	14.43	184	26	7.760	ng	# 1

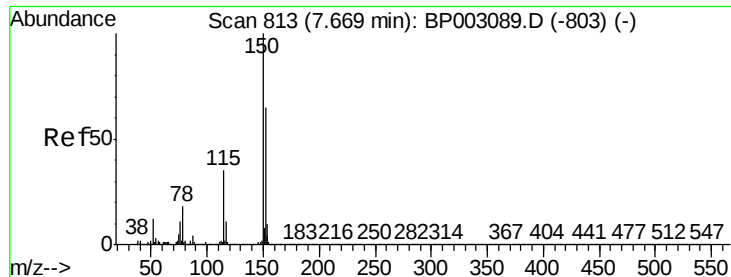
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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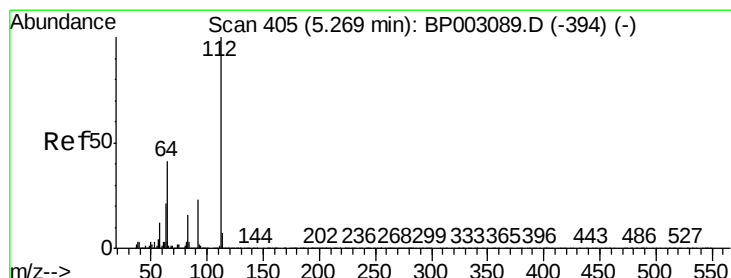
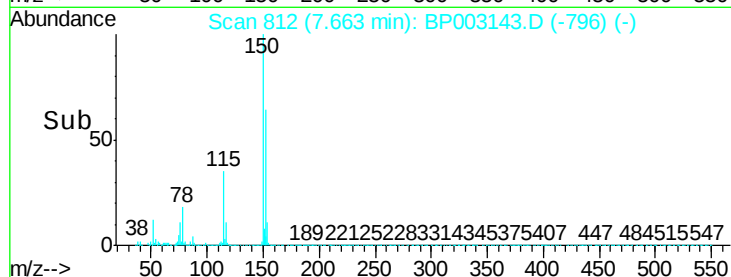
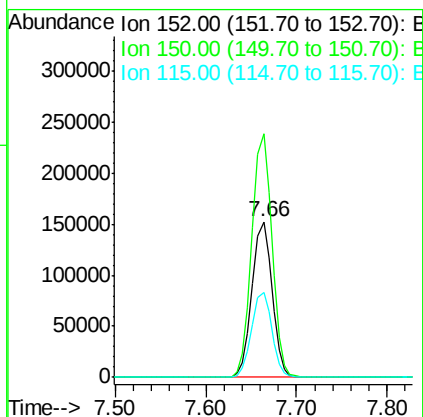
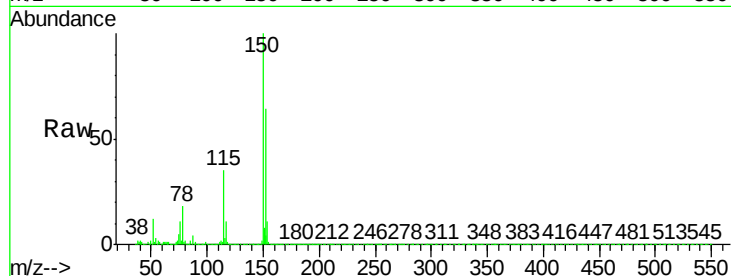


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

Instrument :
BNA_P
ClientSampleId :
AC-3

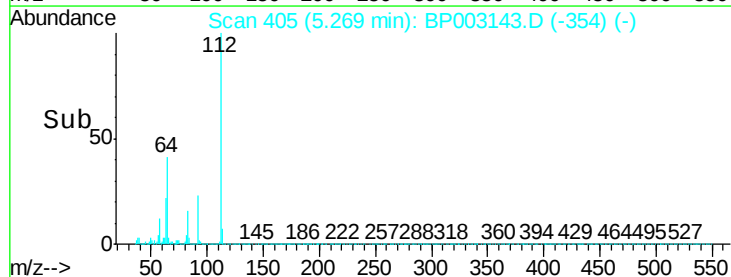
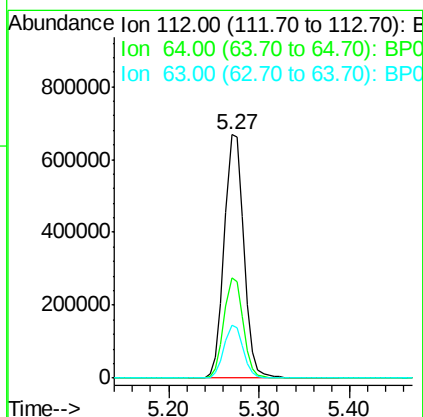
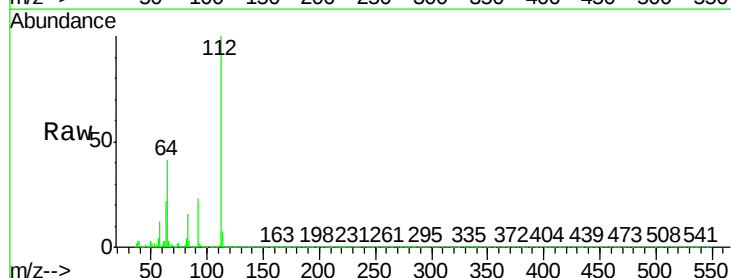
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.1	184.7
115	54.3	42.8	64.2

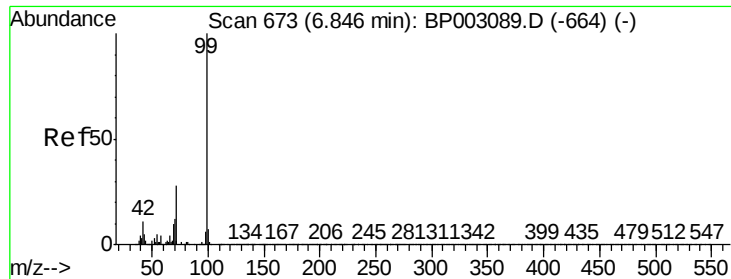


#5

2-Fluorophenol
Concen: 75.454 ng
RT: 5.27 min Scan# 405
Delta R.T. -0.00 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	33.0	49.6
63	21.5	16.9	25.3





#7

Phenol-d6

Concen: 73.025 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003143.D

Acq: 27 Aug 2020 21:30

Instrument :

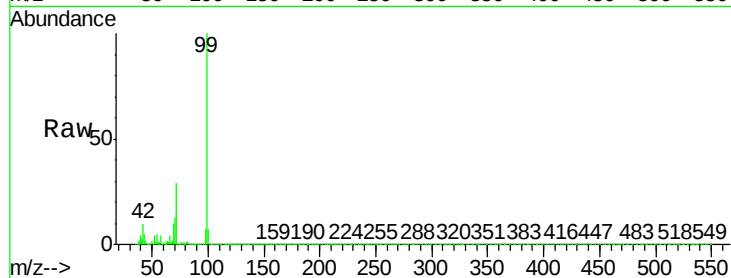
BNA_P

ClientSampleId :

AC-3

Tot Ion: 99 Resp: 1218199

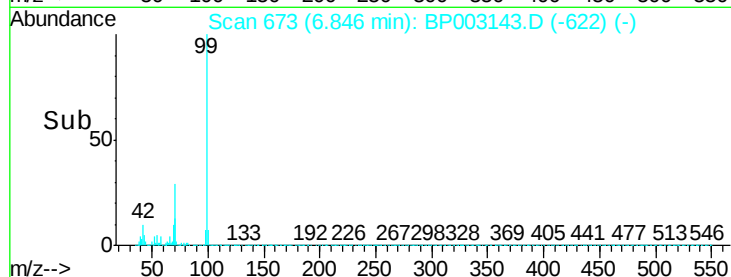
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.5	12.7
71	28.7	22.8	34.2



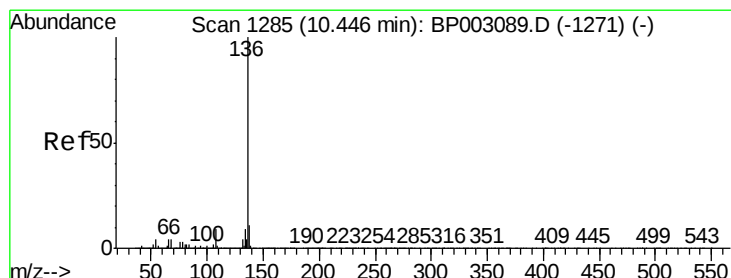
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

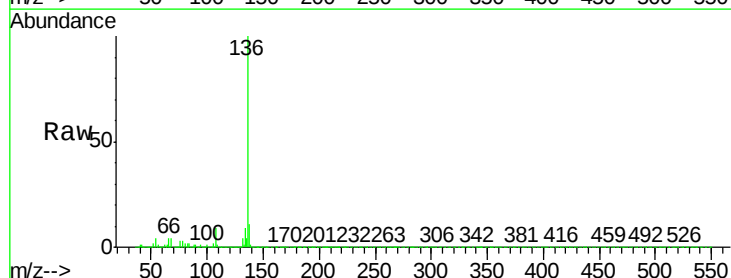
Delta R.T. -0.01 min

Lab File: BP003143.D

Acq: 27 Aug 2020 21:30

Tgt Ion: 136 Resp: 961061

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.4	3.5	5.3
68	4.2	3.2	4.8

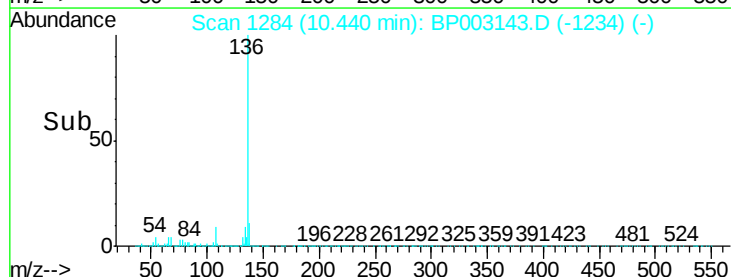


Abundance Ion 136.00 (135.70 to 136.70): E

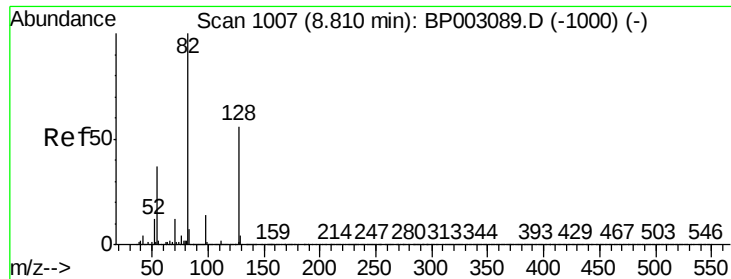
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



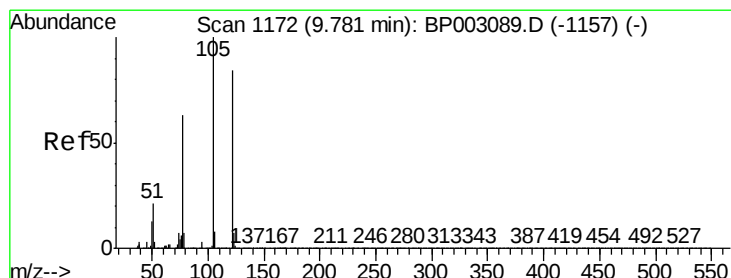
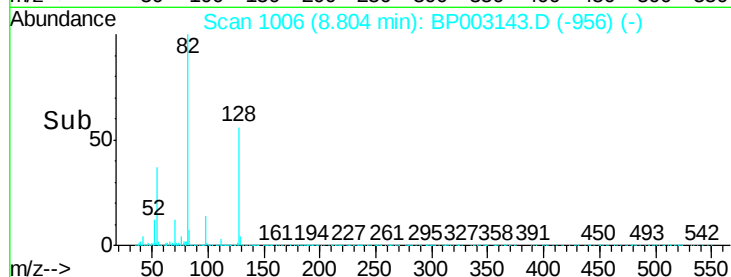
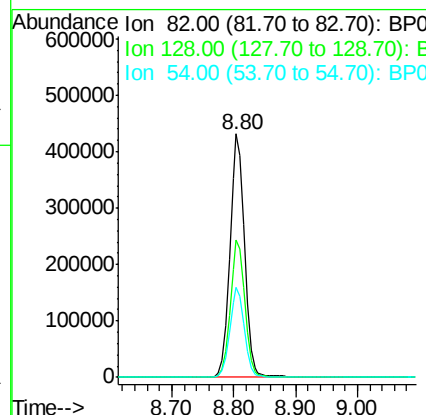
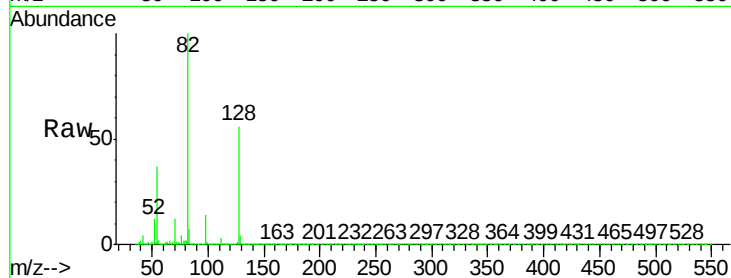
Time-->



#23
 Nitrobenzene-d5
 Concen: 53.667 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003143.D
 Acq: 27 Aug 2020 21:30

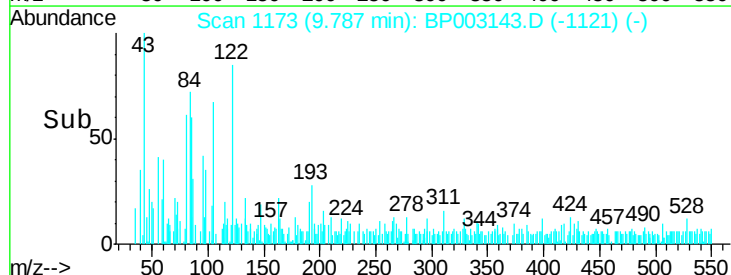
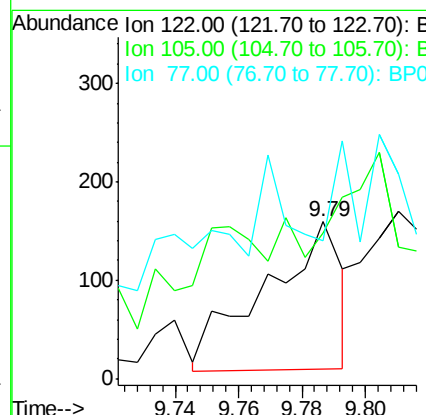
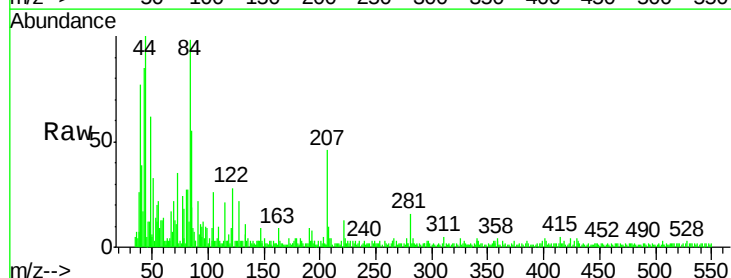
Instrument :
 BNA_P
 ClientSampleId :
 AC-3

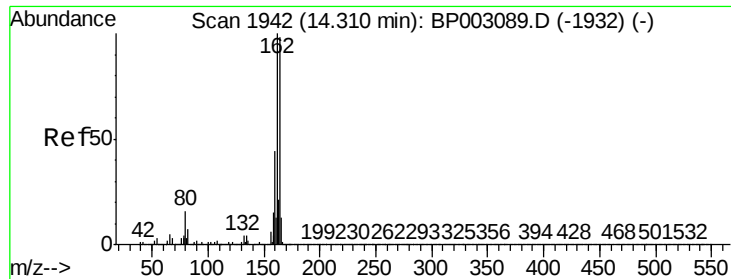
Tot Ion	82	Resp	715452
Ion Ratio	Lower	Upper	
82	100		
128	56.3	44.9	67.3
54	36.7	29.4	44.2



#32
 Benzoic acid
 Concen: 9.019 ng
 RT: 9.79 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BP003143.D
 Acq: 27 Aug 2020 21:30

Tgt Ion	122	Resp	251
Ion Ratio	Lower	Upper	
122	100		
105	93.1	98.1	138.1#
77	88.1	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: BP003143.D

Acq: 27 Aug 2020 21:30

Instrument :

BNA_P

ClientSampled :

AC-3

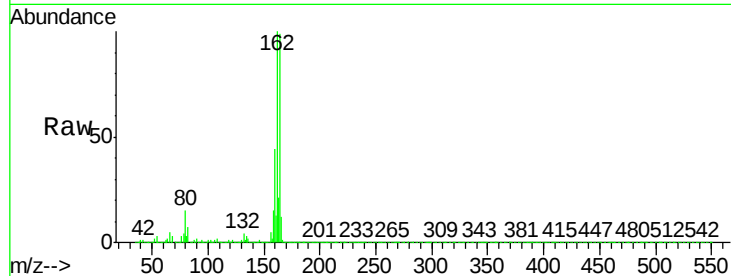
Tot Ion:164 Resp: 590280

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

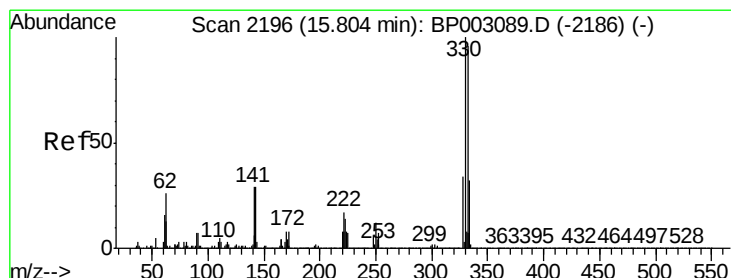
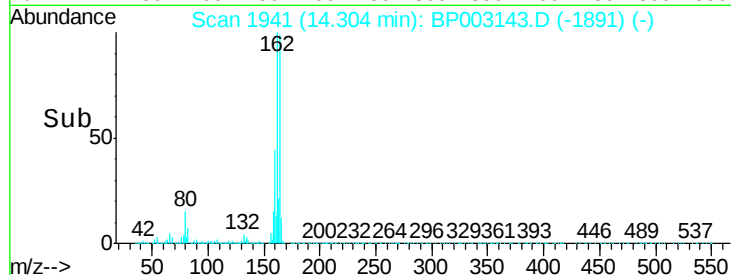
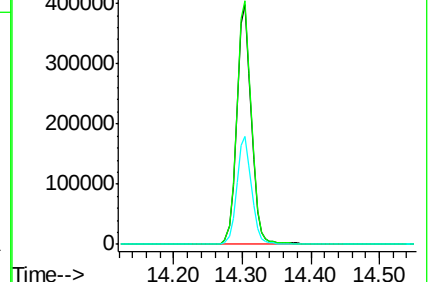
160 45.0 36.0 54.0



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: 75.292 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003143.D

Acq: 27 Aug 2020 21:30

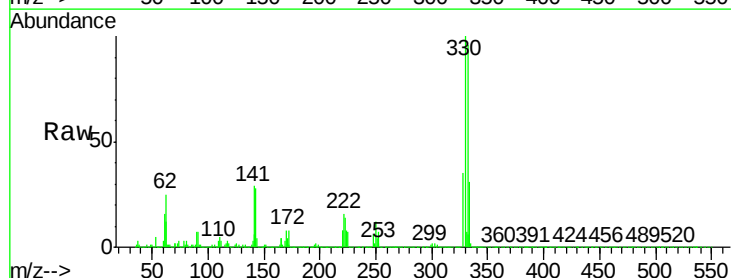
Tgt Ion:330 Resp: 601082

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

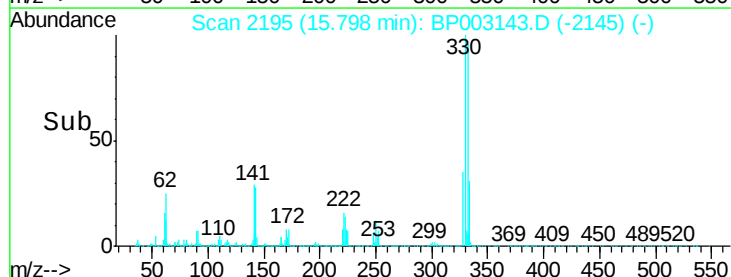
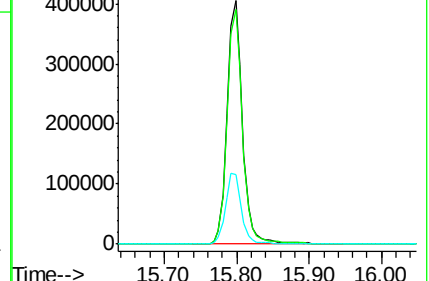
141 30.2 24.4 36.6

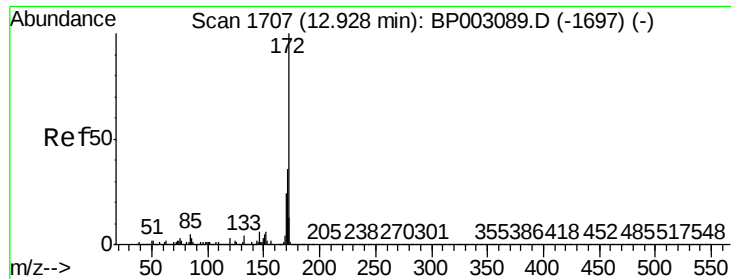


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

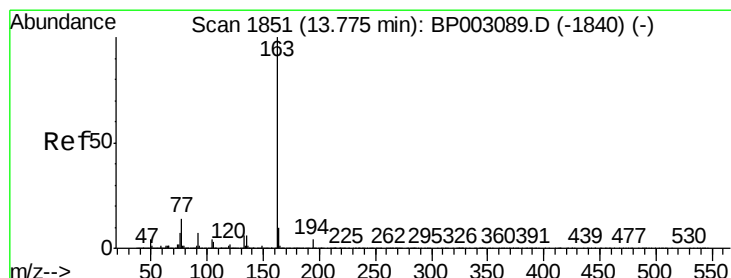
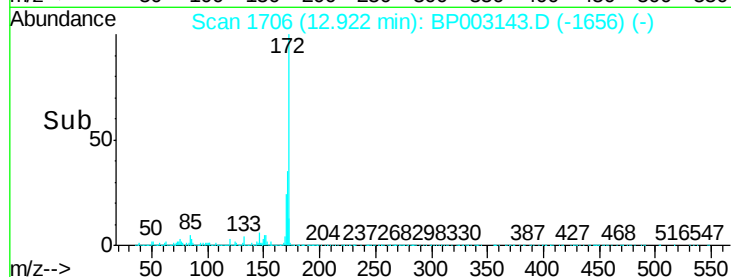
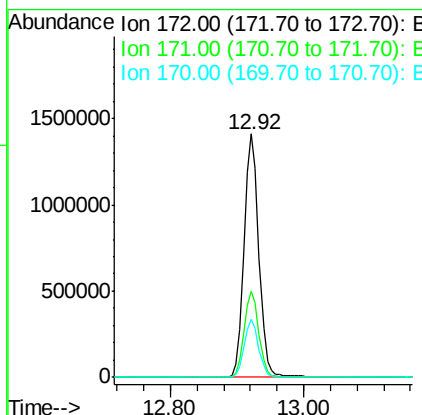
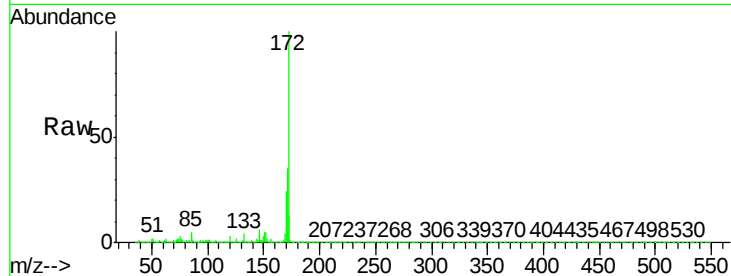




#45
2-Fluorobiphenyl
Concen: 53.466 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

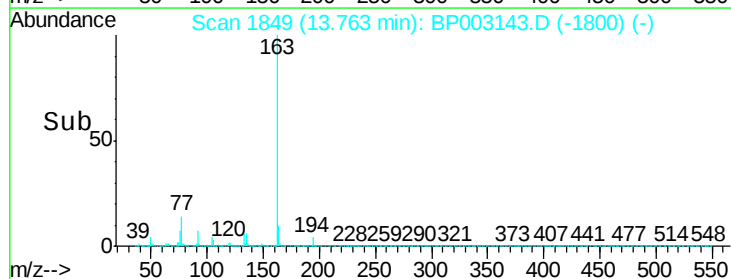
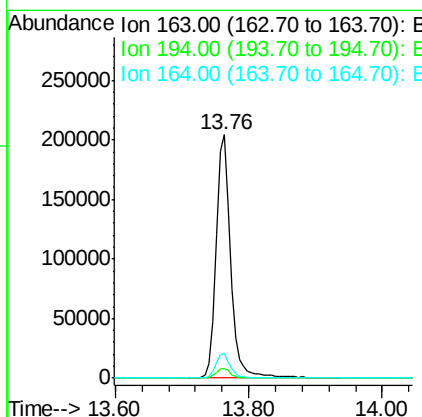
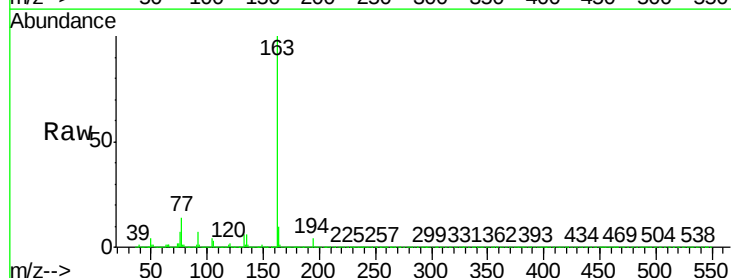
Instrument :
BNA_P
ClientSampleId :
AC-3

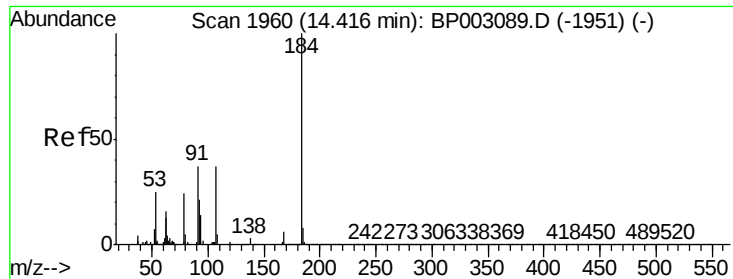
Tot Ion:172 Resp: 2155074
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 7.018 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

Tgt Ion:163 Resp: 315911
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1

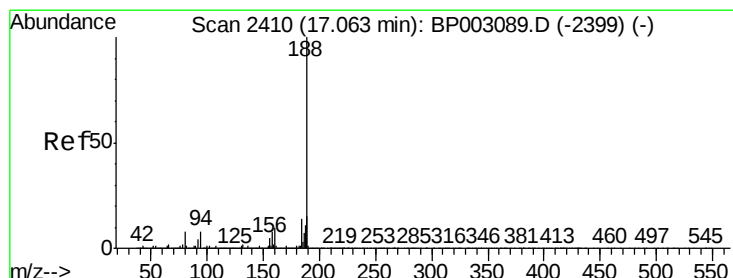
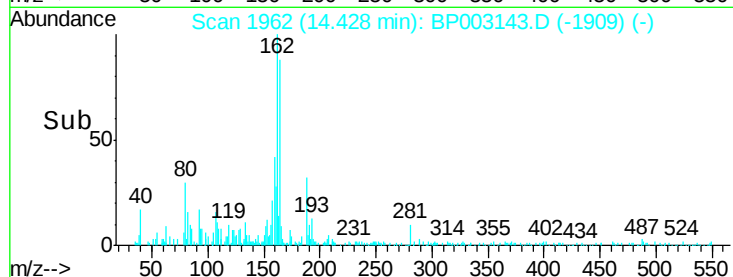
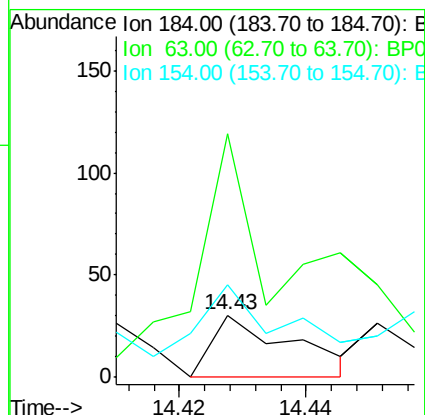
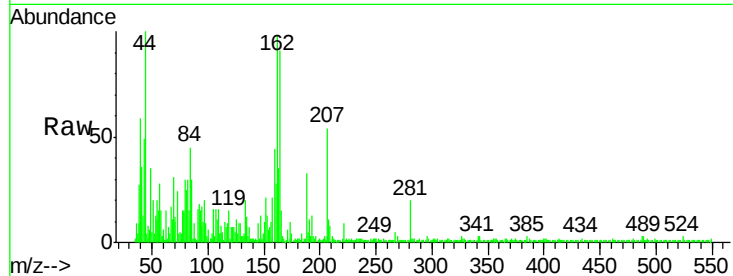




#54
2,4-Dinitrophenol
Concen: 7.760 ng
RT: 14.43 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

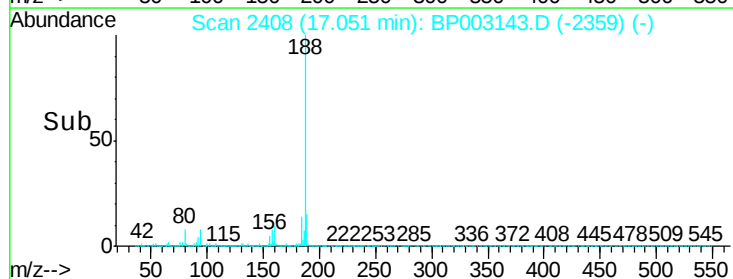
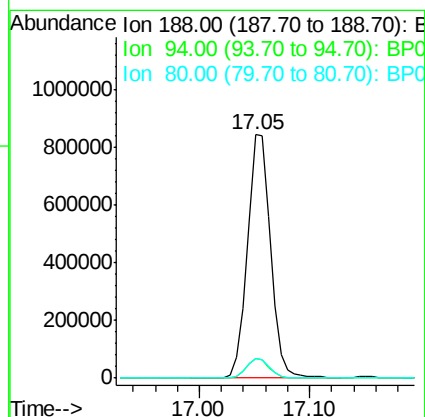
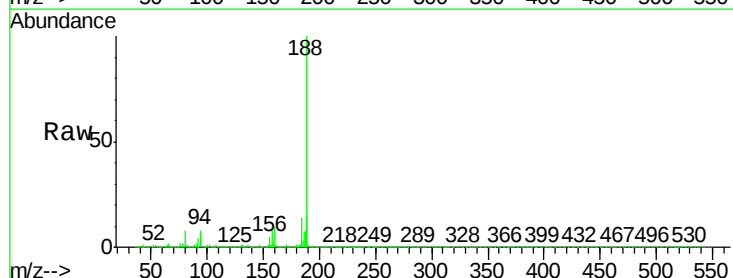
Instrument :
BNA_P
ClientSampleId :
AC-3

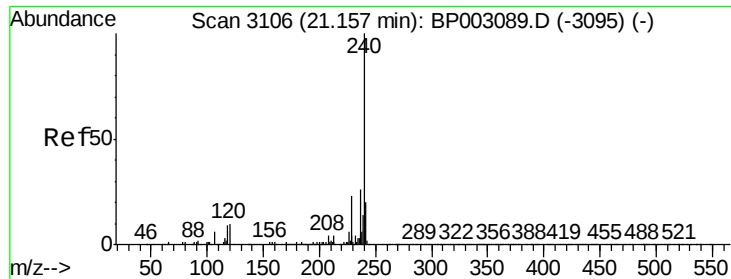
Tot Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 396.7 32.0 48.0#
154 150.0 48.2 72.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

Tgt Ion:188 Resp: 1245165
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 7.9 6.4 9.6

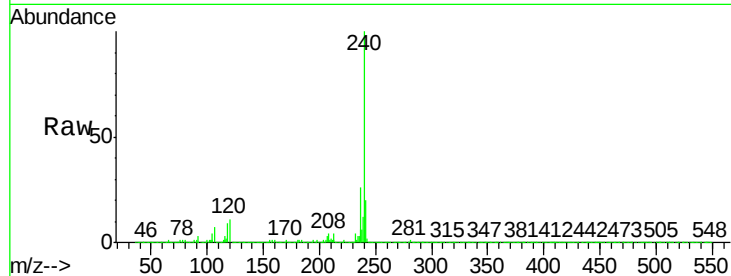




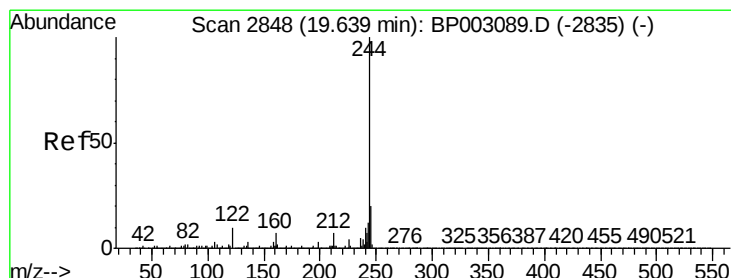
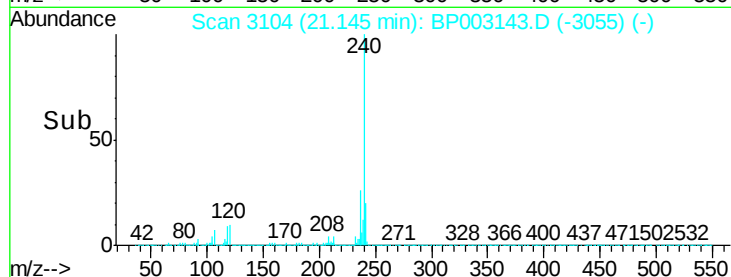
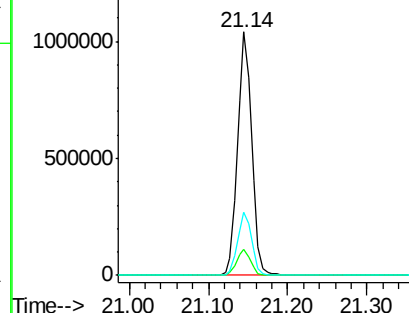
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

Instrument :
BNA_P
ClientSampled :
AC-3

Tot Ion:240 Resp: 1282317
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.9 20.6 31.0

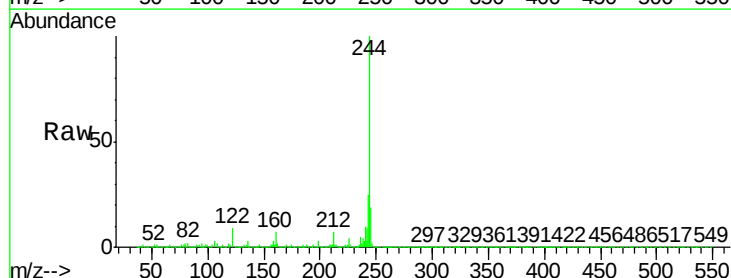


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

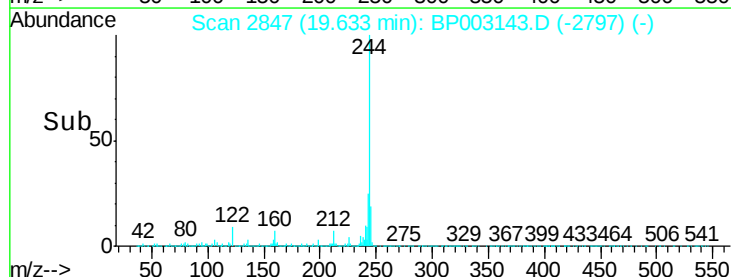
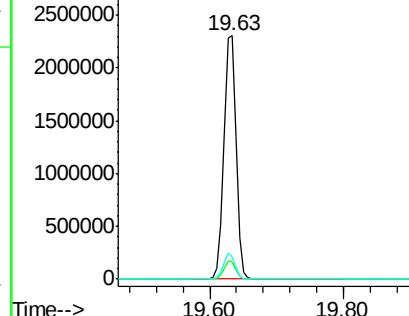


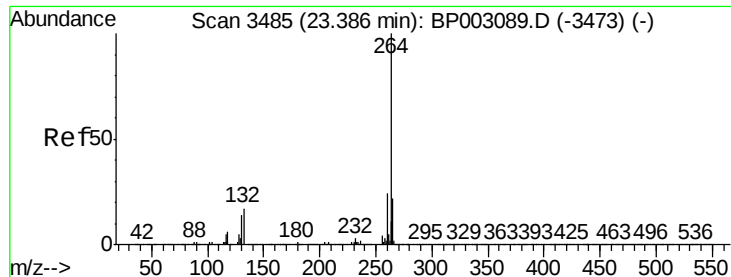
#79
Terphenyl-d14
Concen: 51.546 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

Tgt Ion:244 Resp: 3003890
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.4 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003143.D
Acq: 27 Aug 2020 21:30

Instrument :
BNA_P
ClientSampleId :
AC-3

Tot Ion:264 Resp: 1399992

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.1	17.7	26.5

