

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
 Data File : BP003122.D
 Acq On : 26 Aug 2020 19:44
 Operator : CG/JU
 Sample : L3793-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

Quant Time: Aug 27 00:28:06 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

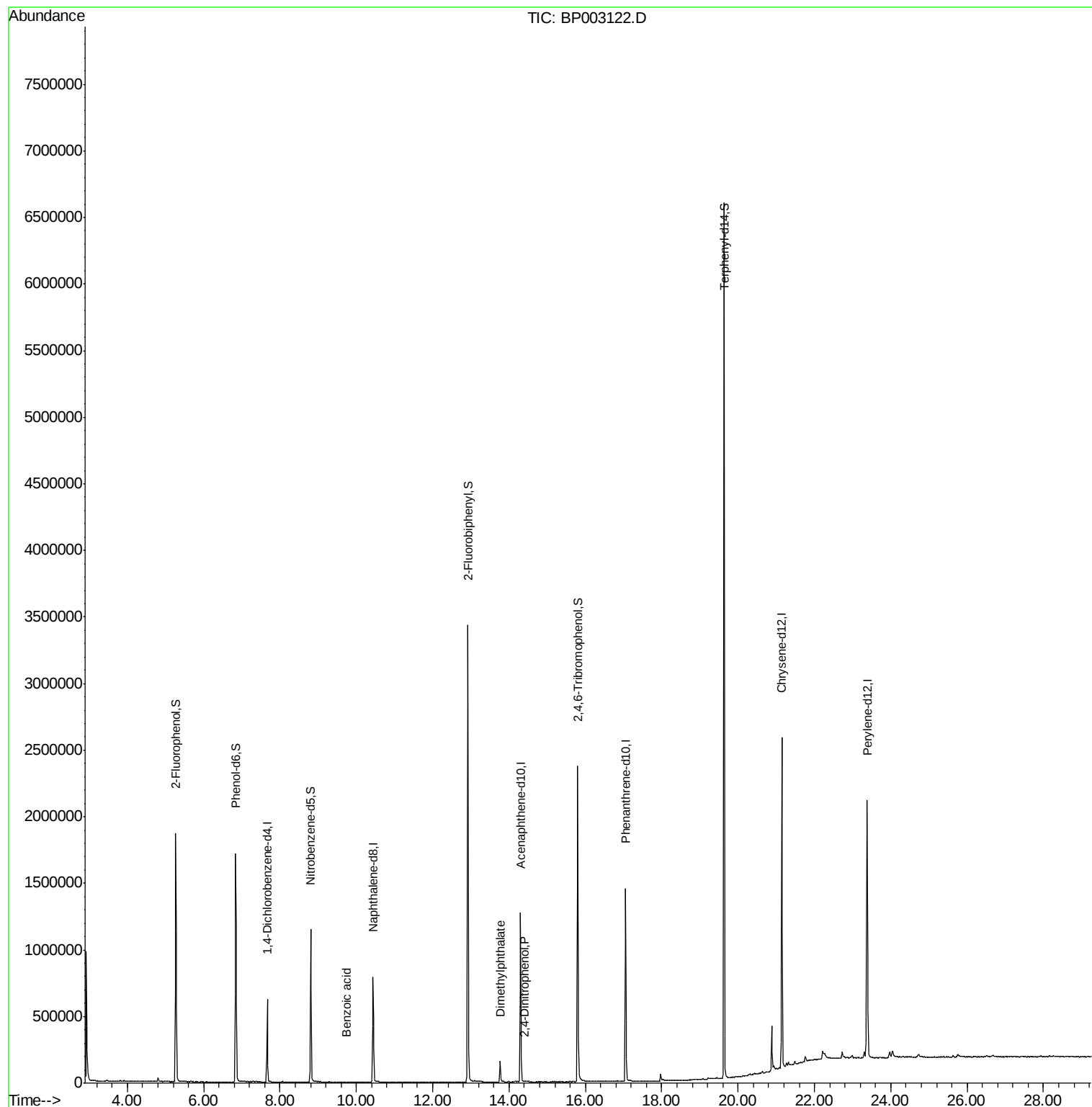
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	193851	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	753217	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	448257	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	974778	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	1180657	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1420825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1027453	93.71	ng	0.00
7) Phenol-d6	6.84	99	1207478	87.85	ng	0.00
23) Nitrobenzene-d5	8.80	82	672658	64.38	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	548217	90.43	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1970486	64.38	ng	0.00
79) Terphenyl-d14	19.63	244	2955709	55.09	ng	0.00
Target Compounds						
32) Benzoic acid	9.75	122	16	8.999	ng	# 28
50) Dimethylphthalate	13.76	163	129934	3.801	ng	98
54) 2,4-Dinitrophenol	14.42	184	12	7.758	ng	# 32

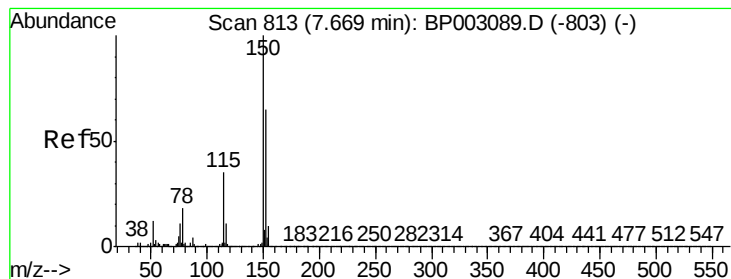
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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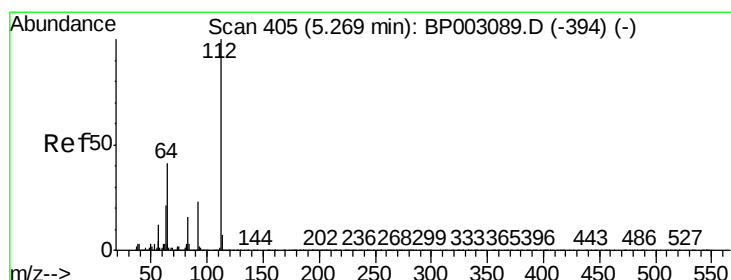
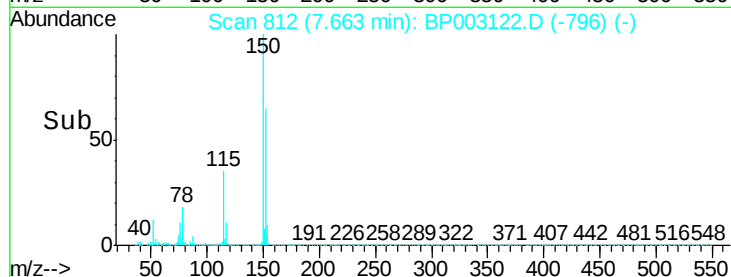
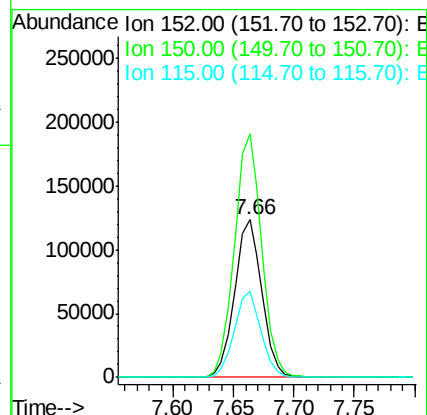
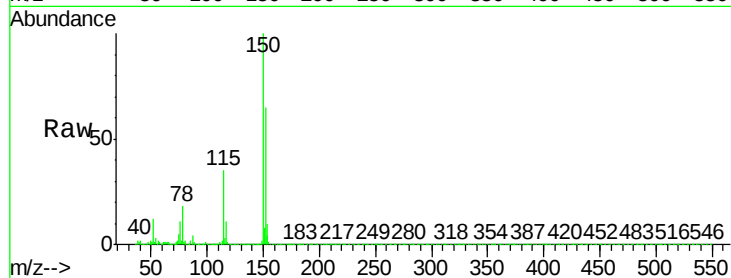


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

Instrument :
BNA_P
ClientSampleId :
TP-8

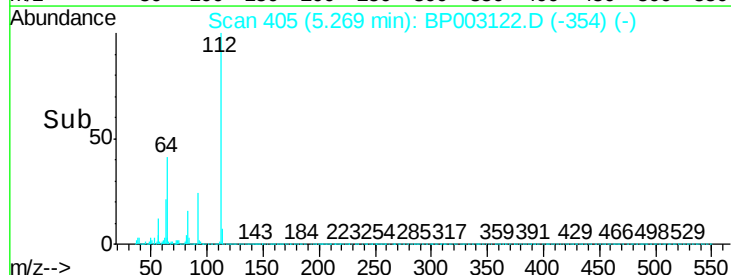
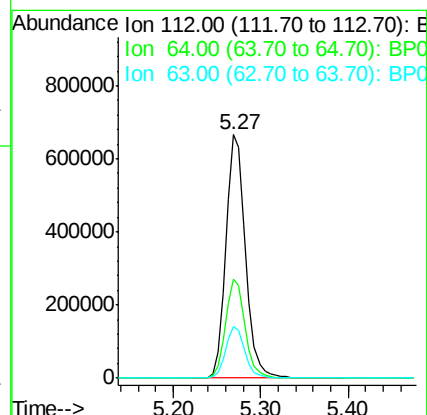
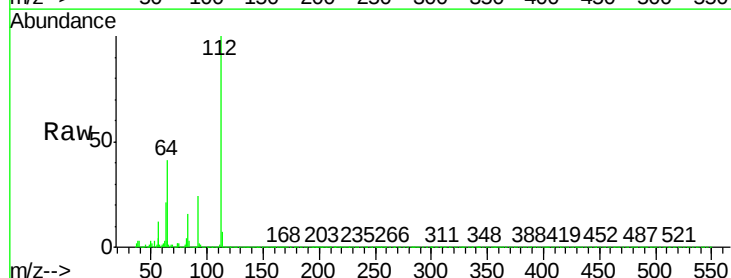
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.1	184.7
115	54.5	42.8	64.2

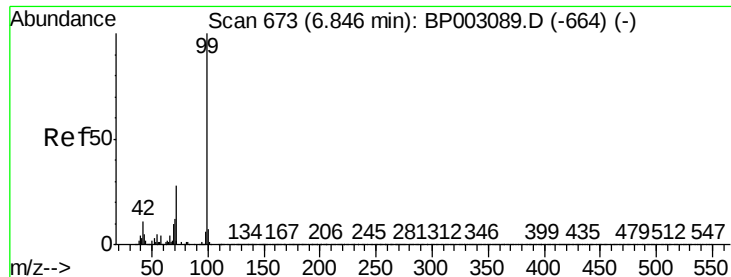


#5

2-Fluorophenol
Concen: 93.709 ng
RT: 5.27 min Scan# 405
Delta R.T. -0.00 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.6	33.0	49.6
63	21.3	16.9	25.3





#7

Phenol-d6

Concen: 87.852 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003122.D

Acq: 26 Aug 2020 19:44

Instrument :

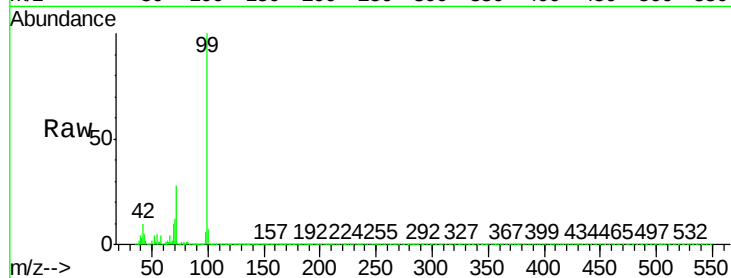
BNA_P

ClientSampleId :

TP-8

Tot Ion: 99 Resp: 1207478

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.5	12.7
71	28.4	22.8	34.2

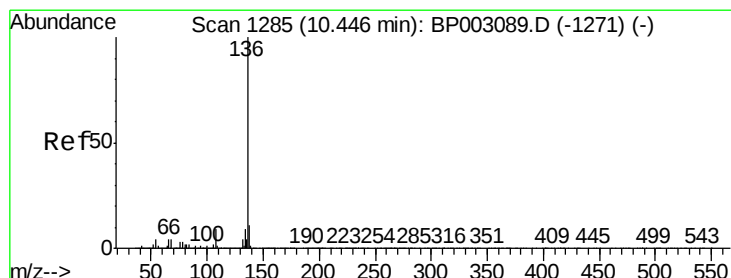
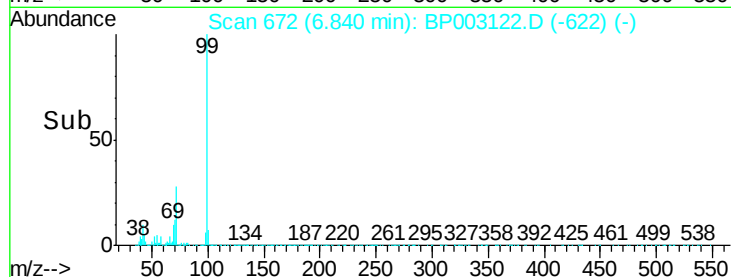
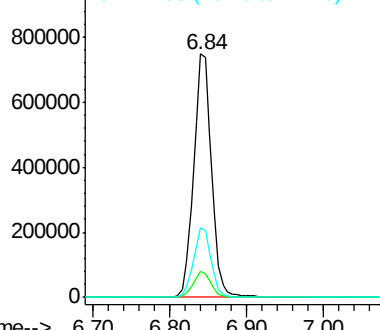


Abundance

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

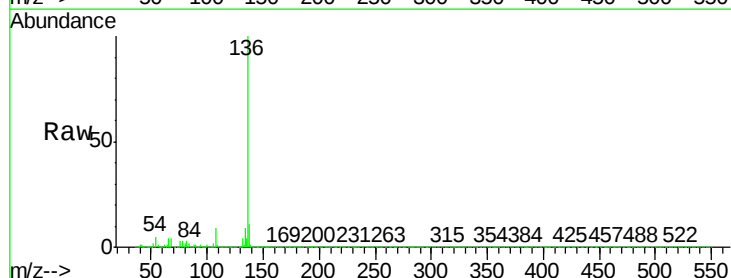
Delta R.T. -0.01 min

Lab File: BP003122.D

Acq: 26 Aug 2020 19:44

Tgt Ion: 136 Resp: 753217

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.7	3.5	5.3
68	4.1	3.2	4.8



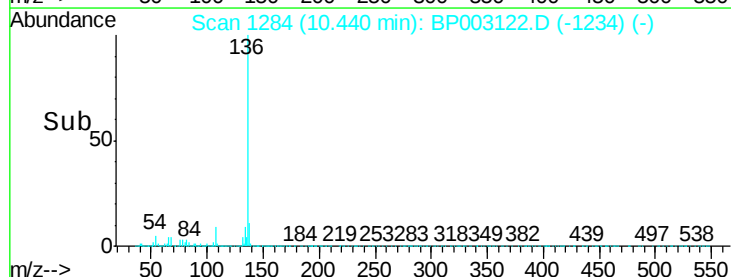
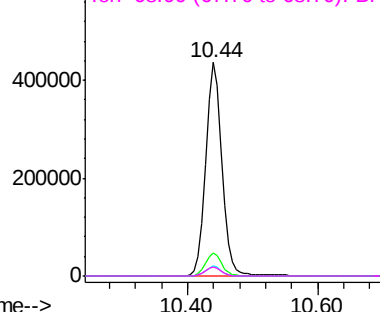
Abundance

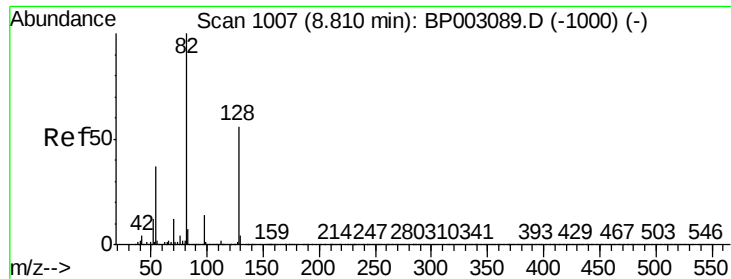
Ion 136.00 (135.70 to 136.70): E

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

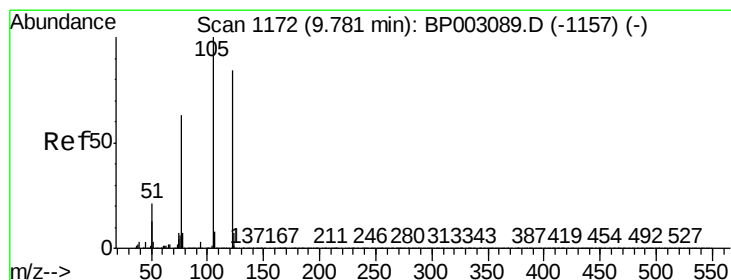
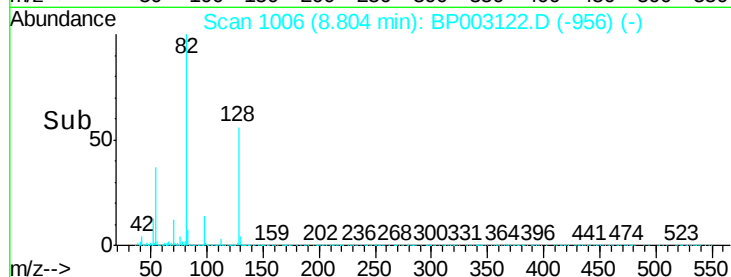
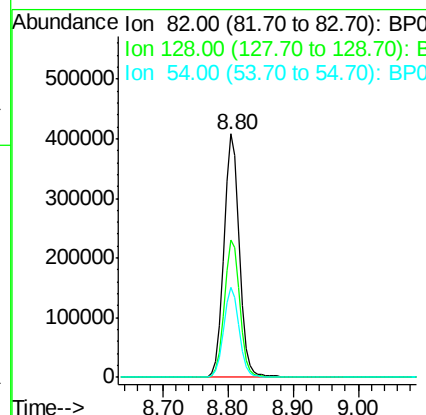
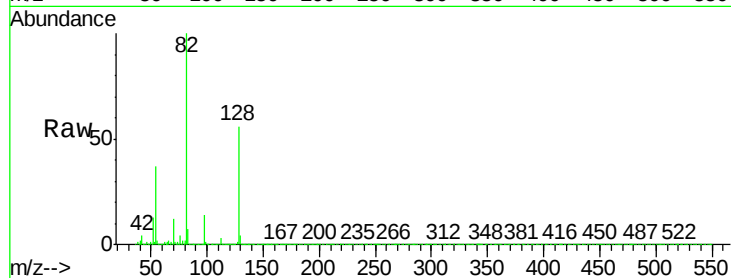




#23
Nitrobenzene-d5
Concen: 64.380 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

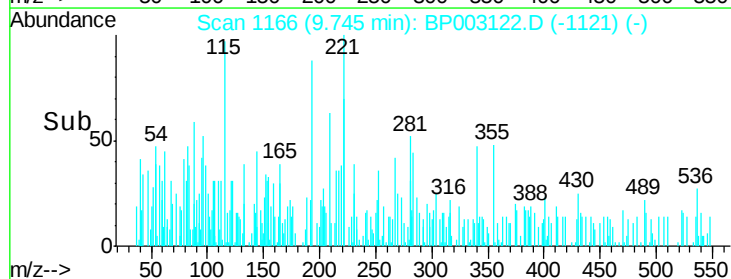
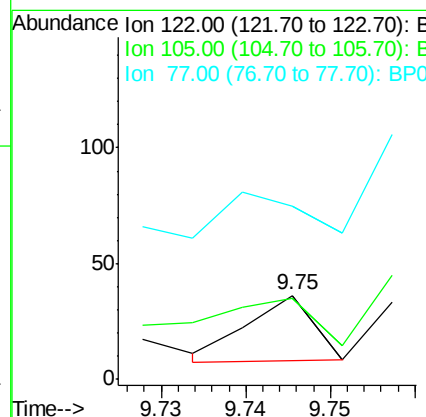
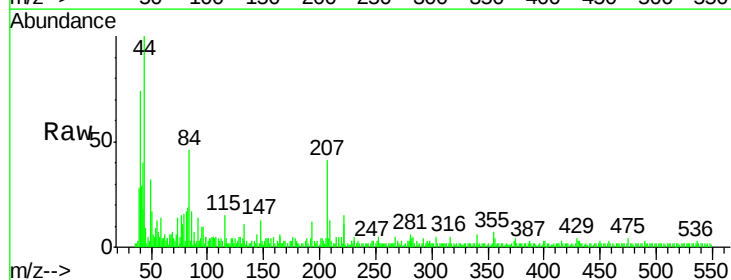
Instrument :
BNA_P
ClientSampleId :
TP-8

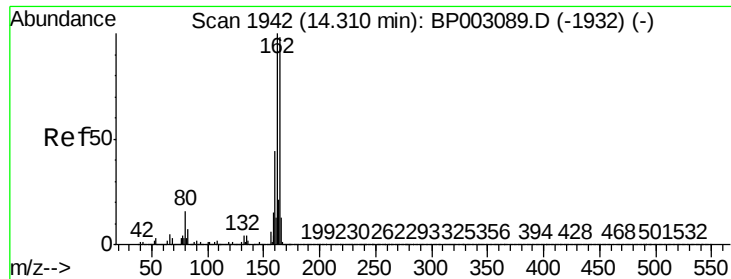
Tot Ion: 82 Resp: 672658
Ion Ratio Lower Upper
82 100
128 56.3 44.9 67.3
54 36.8 29.4 44.2



#32
Benzoic acid
Concen: 8.999 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 97.2 98.1 138.1#
77 208.3 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: BP003122.D

Acq: 26 Aug 2020 19:44

Instrument :

BNA_P

ClientSampleId :

TP-8

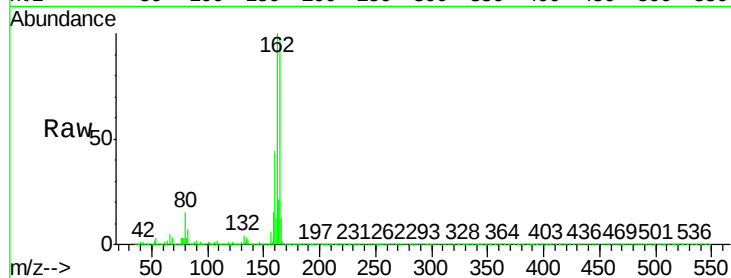
Tot Ion:164 Resp: 448257

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

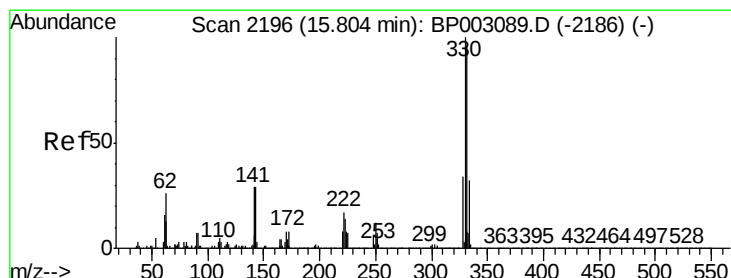
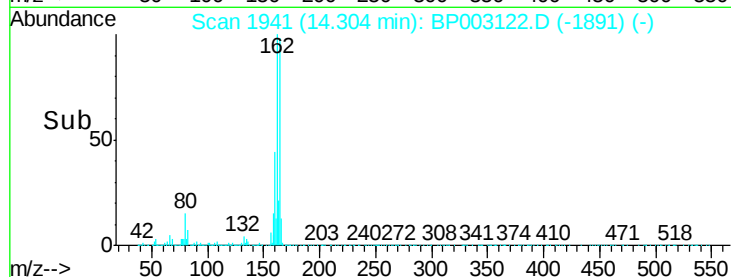
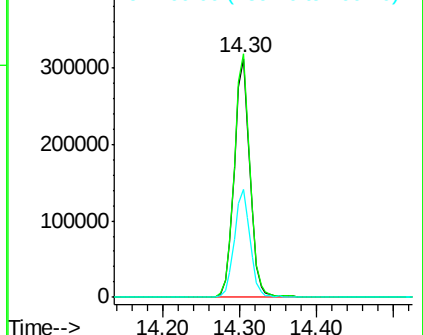
160 45.0 36.0 54.0



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: 90.427 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003122.D

Acq: 26 Aug 2020 19:44

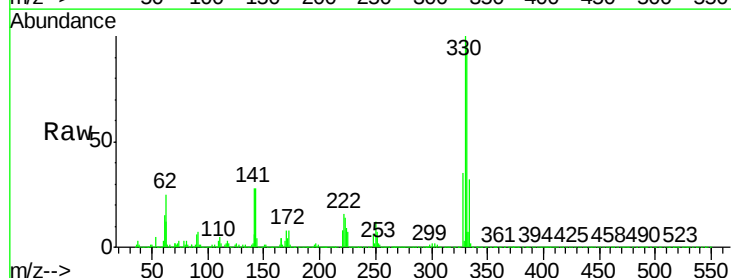
Tgt Ion:330 Resp: 548217

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

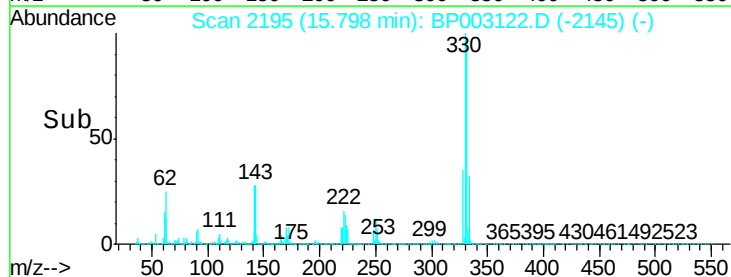
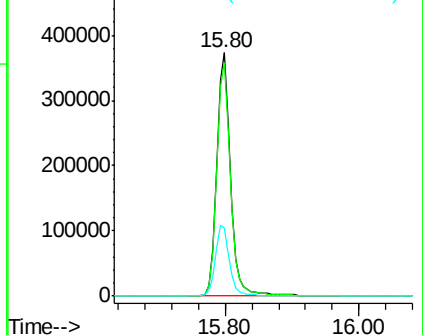
141 30.1 24.4 36.6

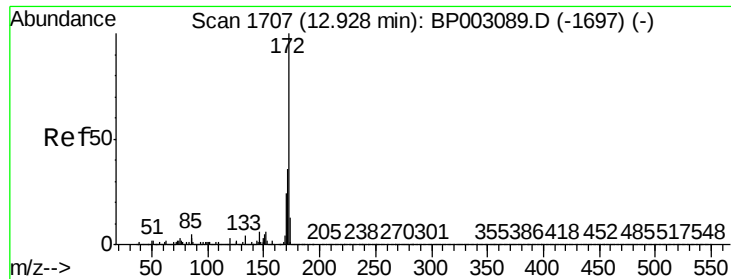


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

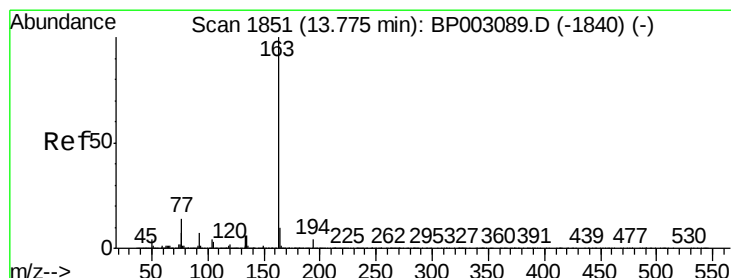
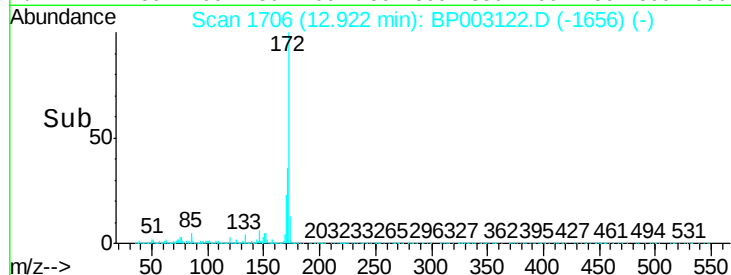
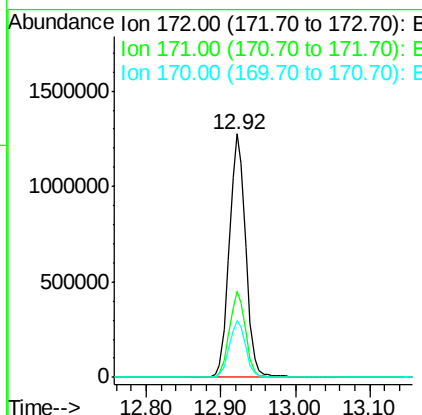
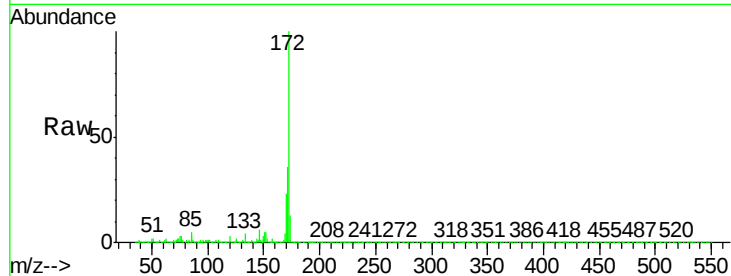




#45
2-Fluorobiphenyl
Concen: 64.376 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

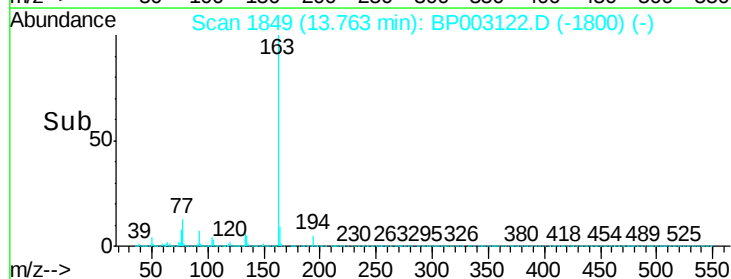
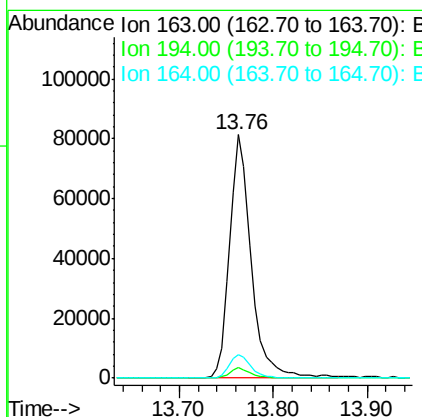
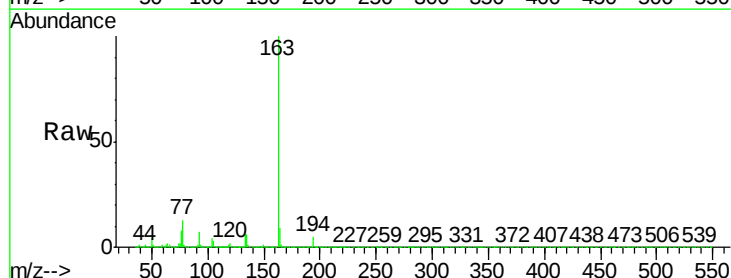
Instrument :
BNA_P
ClientSampleId :
TP-8

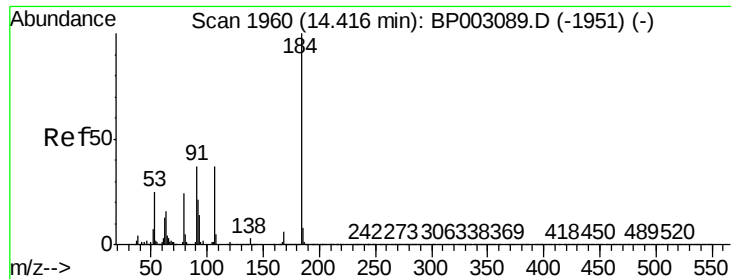
Tot Ion:172 Resp: 1970486
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.3 19.0 28.4



#50
Dimethylphthalate
Concen: 3.801 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

Tgt Ion:163 Resp: 129934
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 9.4 8.1 12.1

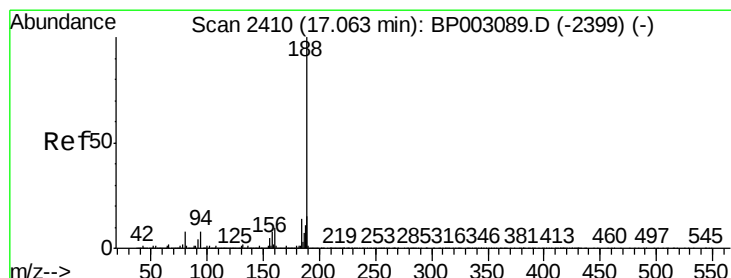
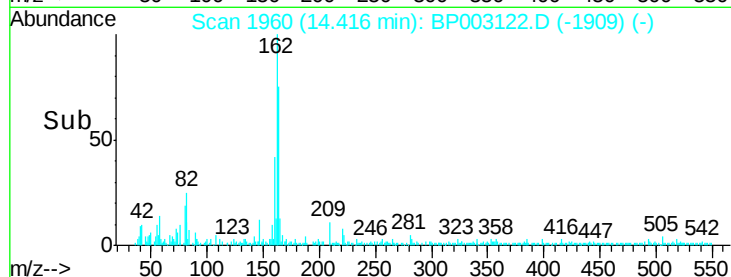
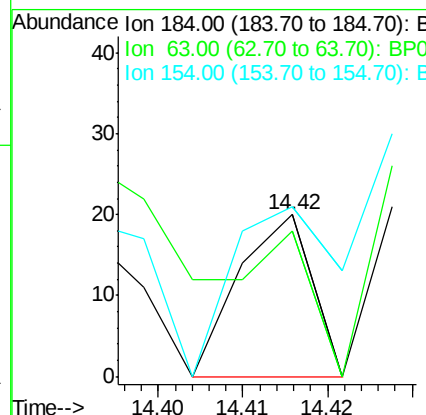
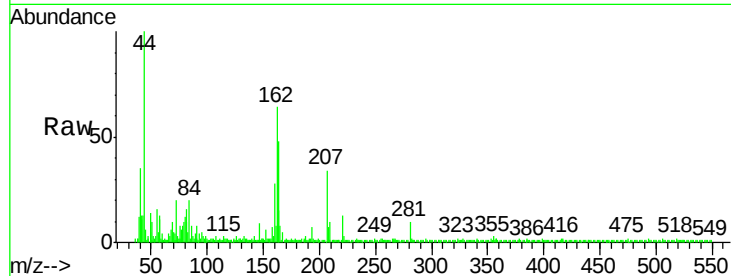




#54
 2,4-Dinitrophenol
 Concen: 7.758 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BP003122.D
 Acq: 26 Aug 2020 19:44

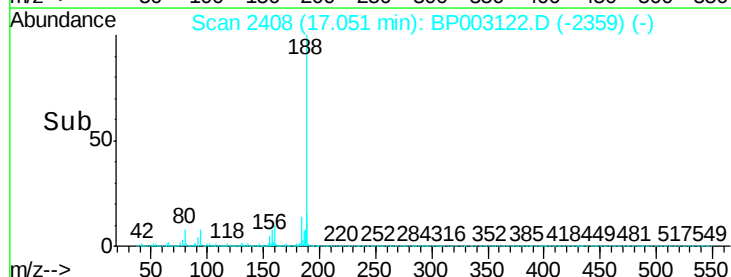
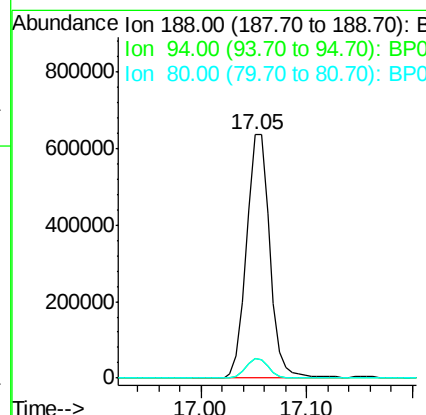
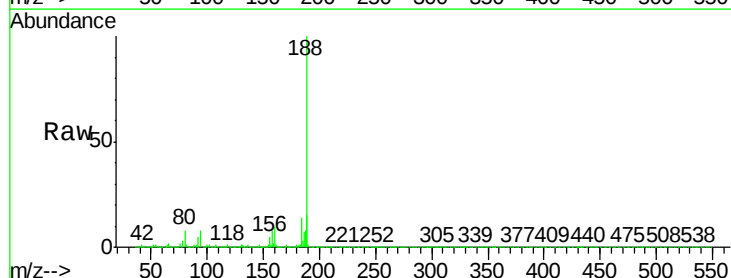
Instrument :
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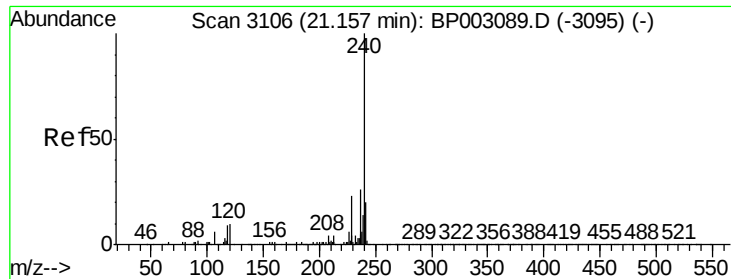
Tot Ion:184 Resp: 12
 Ion Ratio Lower Upper
 184 100
 63 90.0 32.0 48.0#
 154 105.0 48.2 72.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BP003122.D
 Acq: 26 Aug 2020 19:44

Tgt Ion:188 Resp: 974778
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.2 9.4
 80 8.0 6.4 9.6

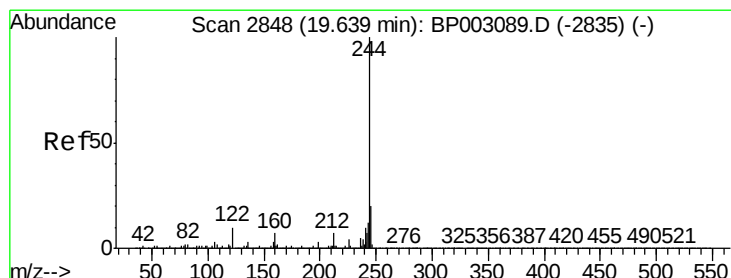
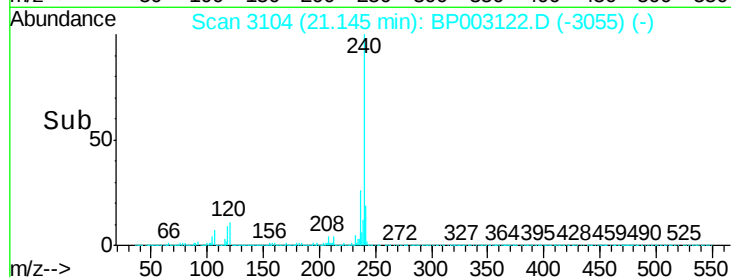
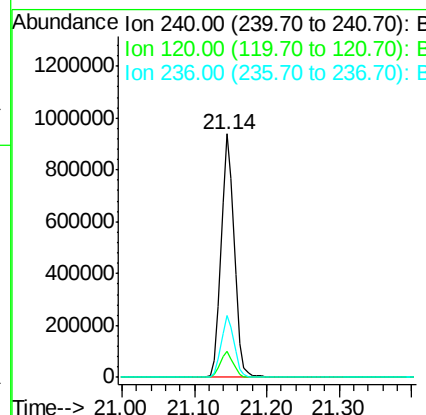
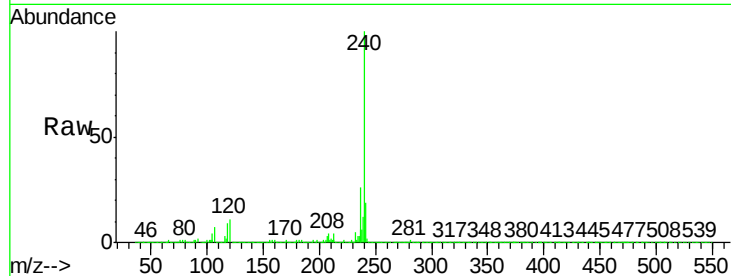




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

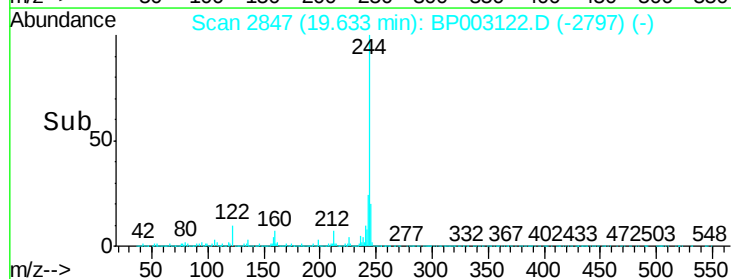
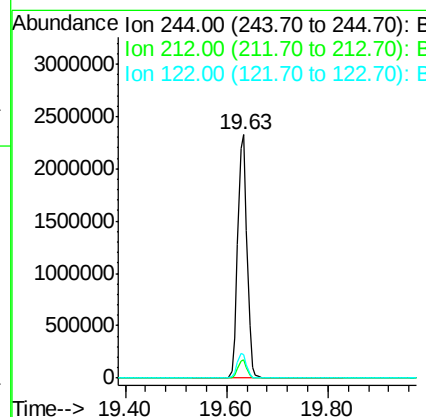
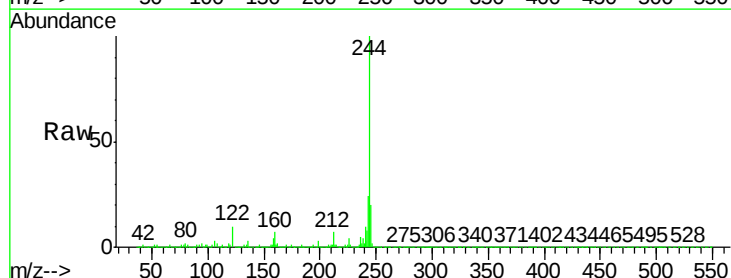
Instrument :
BNA_P
ClientSampleId :
TP-8

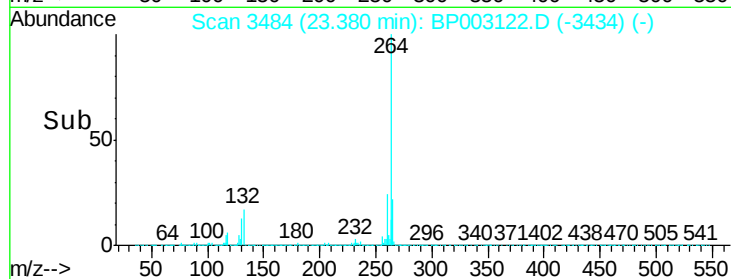
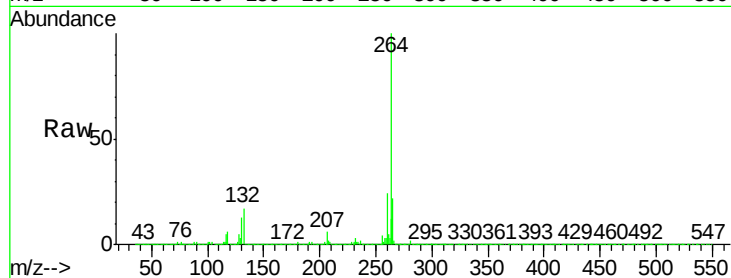
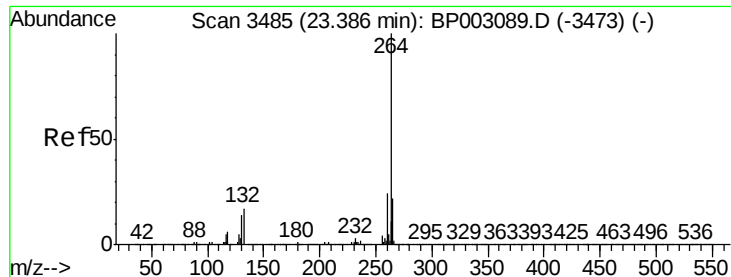
Tot Ion:240 Resp: 1180657
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 55.086 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

Tgt Ion:244 Resp: 2955709
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: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003122.D
Acq: 26 Aug 2020 19:44

Instrument :
BNA_P
ClientSampleId :
TP-8

Tot Ion:264 Resp: 1420825

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.9	17.7	26.5

