

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003161.D
 Acq On : 28 Aug 2020 21:06
 Operator : CG/JU
 Sample : L3837-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP05-1824-01

Quant Time: Aug 29 00:43:50 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

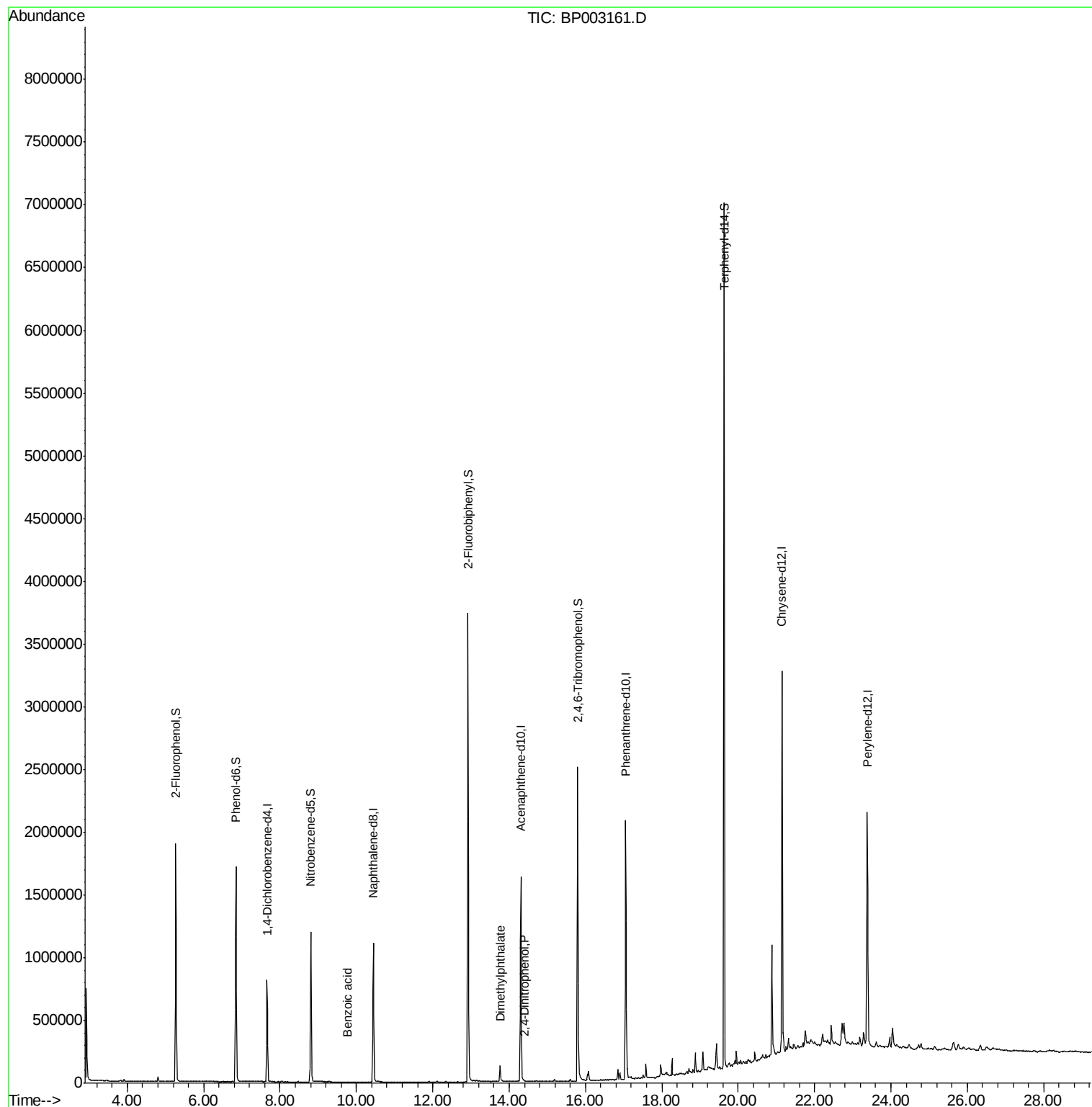
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	251970	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1017485	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	624739	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1358006	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1463900	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1392335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1001500	70.27	ng	0.00
7) Phenol-d6	6.85	99	1201888	67.28	ng	0.00
23) Nitrobenzene-d5	8.80	82	703649	49.85	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	602935	71.36	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2094636	49.10	ng	0.00
79) Terphenyl-d14	19.63	244	3128498	47.03	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	40	9.000	ng	# 4
50) Dimethylphthalate	13.76	163	105839	2.222	ng	98
54) 2,4-Dinitrophenol	14.40	184	11	7.757	ng	# 1

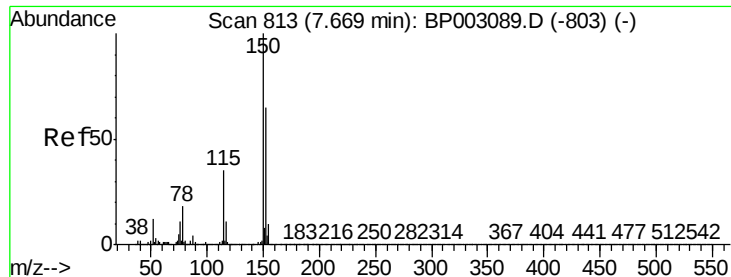
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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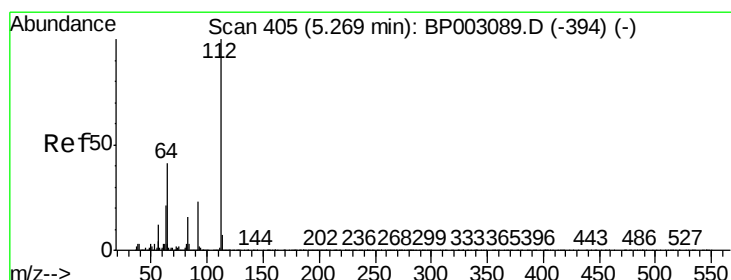
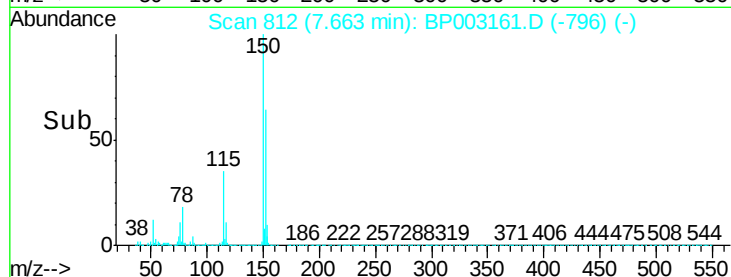
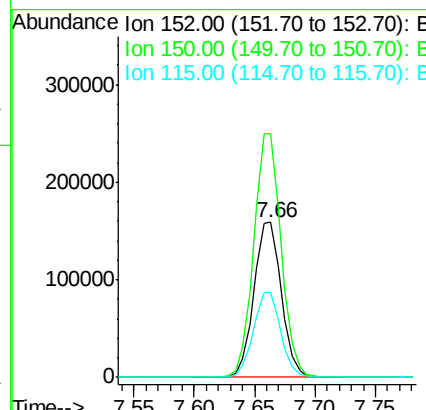
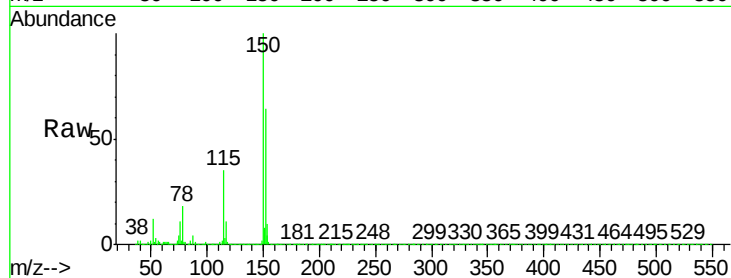


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003161.D
Acq: 28 Aug 2020 21:06

Instrument :
BNA_P
ClientSampleId :
789UMR-TP05-1824-01

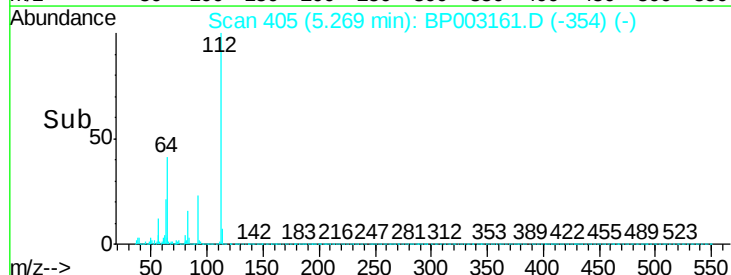
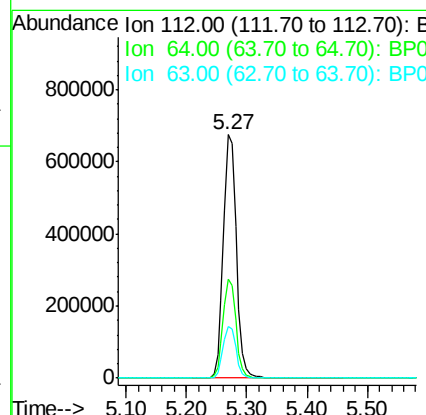
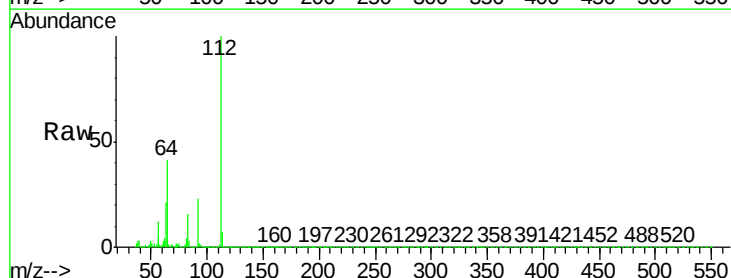
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.1	184.7
115	54.5	42.8	64.2



#5

2-Fluorophenol
Concen: 70.273 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003161.D
Acq: 28 Aug 2020 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.7	33.0	49.6
63	21.4	16.9	25.3





#7

Phenol-d6

Concen: 67.275 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003161.D

Acq: 28 Aug 2020 21:06

Instrument :

BNA_P

ClientSampleId :

789UMR-TP05-1824-01

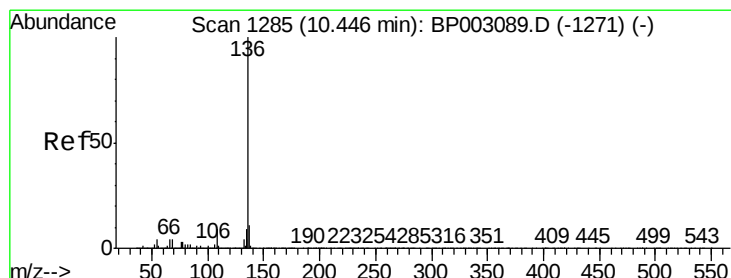
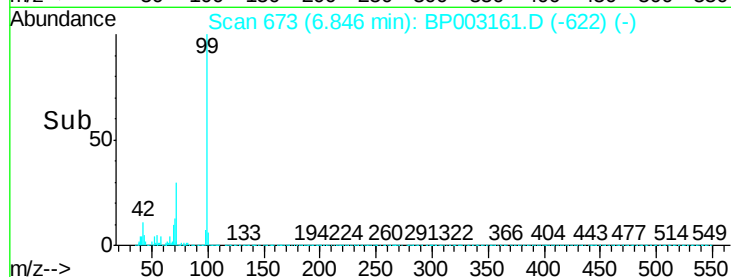
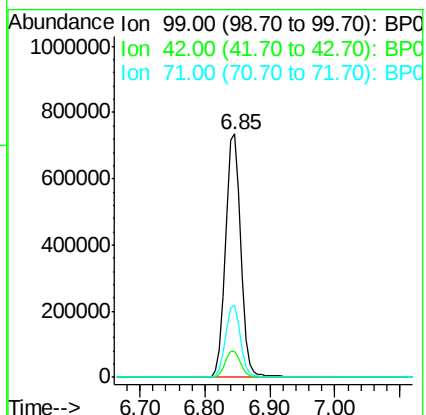
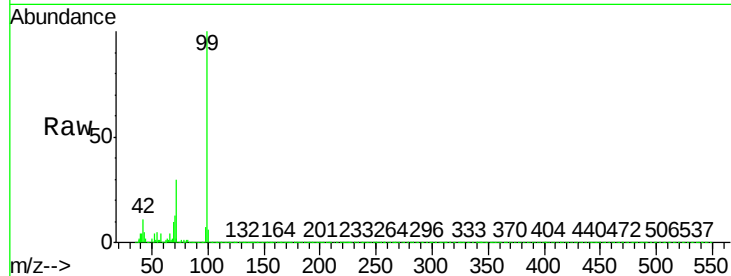
Tot Ion: 99 Resp: 1201888

Ion Ratio Lower Upper

99 100

42 10.8 8.5 12.7

71 29.5 22.8 34.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003161.D

Acq: 28 Aug 2020 21:06

Tgt Ion: 136 Resp: 1017485

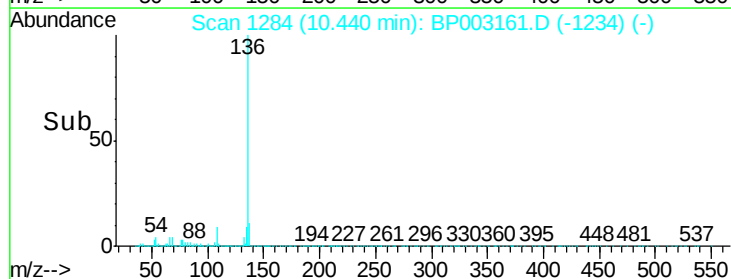
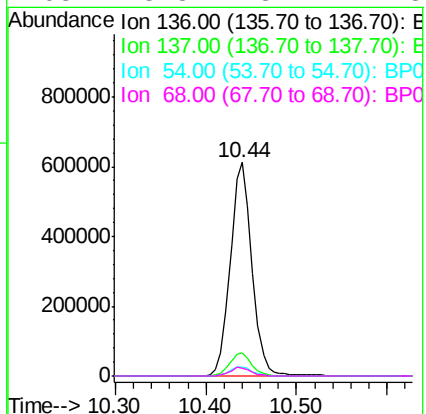
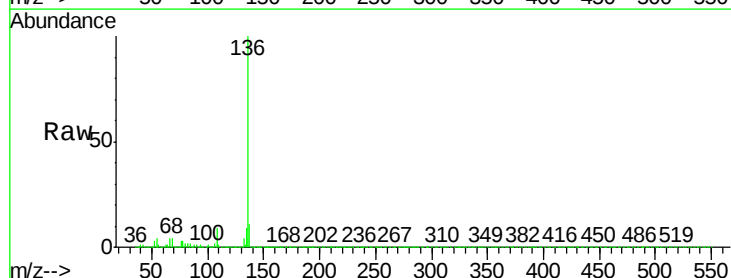
Ion Ratio Lower Upper

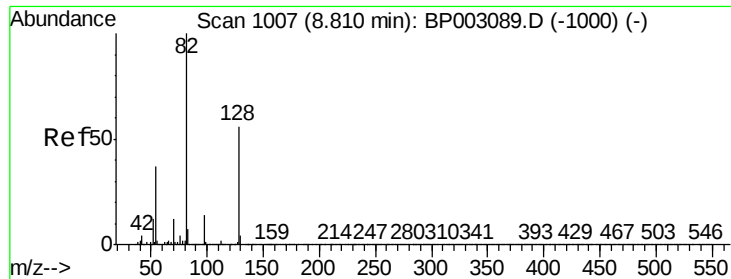
136 100

137 11.0 8.8 13.2

54 4.4 3.5 5.3

68 3.8 3.2 4.8

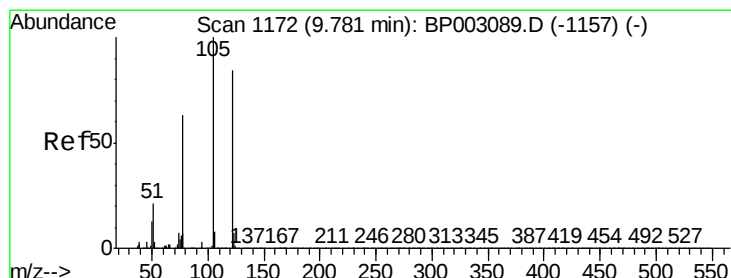
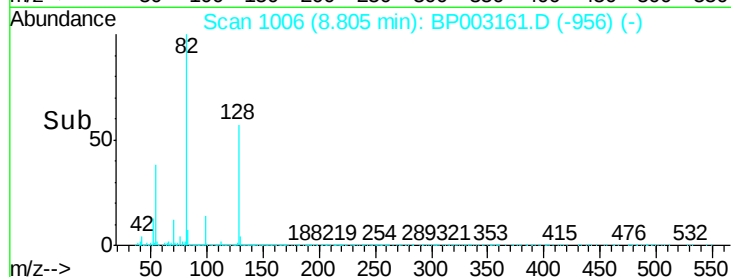
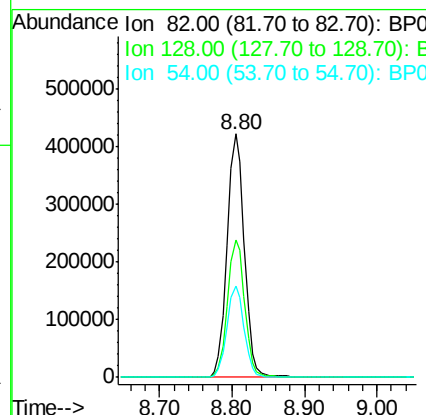
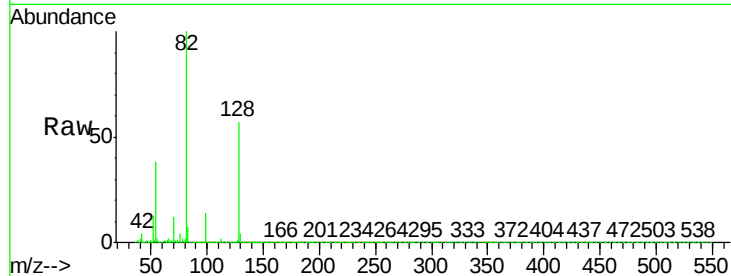




#23
 Nitrobenzene-d5
 Concen: 49.855 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003161.D
 Acq: 28 Aug 2020 21:06

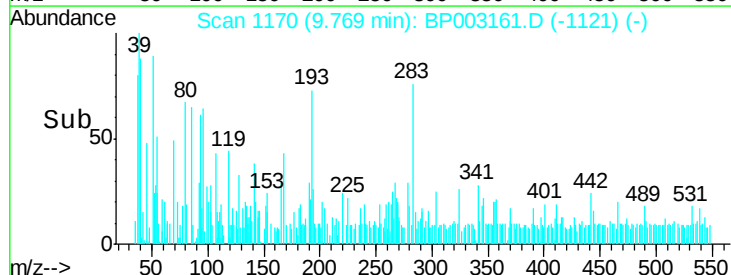
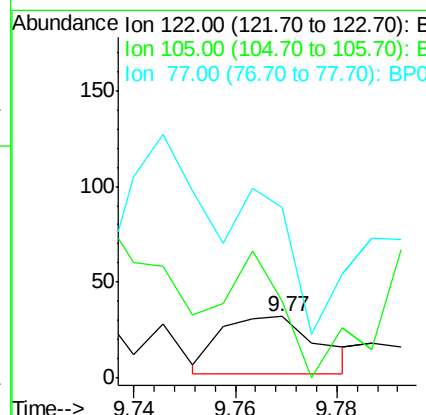
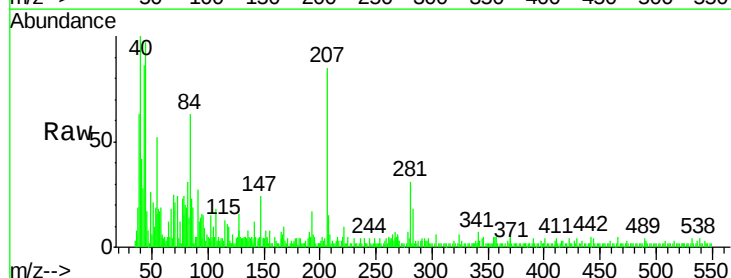
Instrument :
 BNA_P
 ClientSampleId :
 789UMR-TP05-1824-01

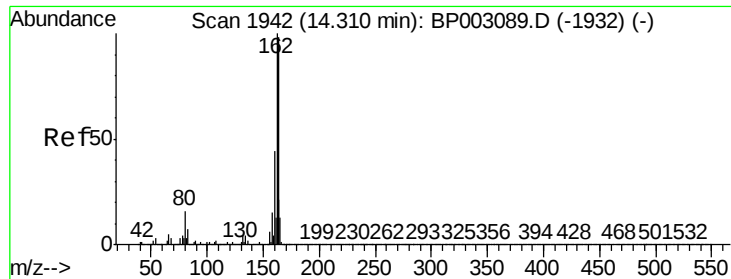
Tot Ion	82	Resp	703649
Ion Ratio	Lower	Upper	
82	100		
128	56.6	44.9	67.3
54	37.5	29.4	44.2



#32
 Benzoic acid
 Concen: 9.000 ng
 RT: 9.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BP003161.D
 Acq: 28 Aug 2020 21:06

Tgt Ion	122	Resp	40
Ion Ratio	Lower	Upper	
122	100		
105	125.0	98.1	138.1
77	278.1	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: BP003161.D

Acq: 28 Aug 2020 21:06

Instrument :

BNA_P

ClientSampleId :

789UMR-TP05-1824-01

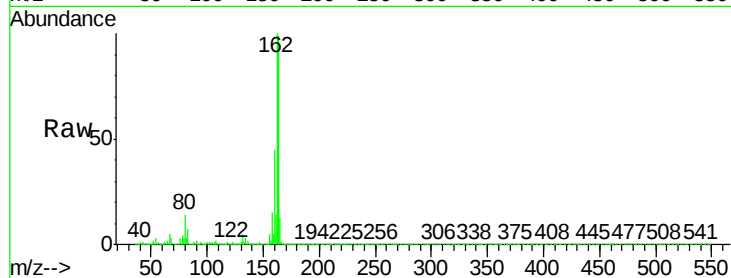
Tot Ion:164 Resp: 624739

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

160 45.0 36.0 54.0



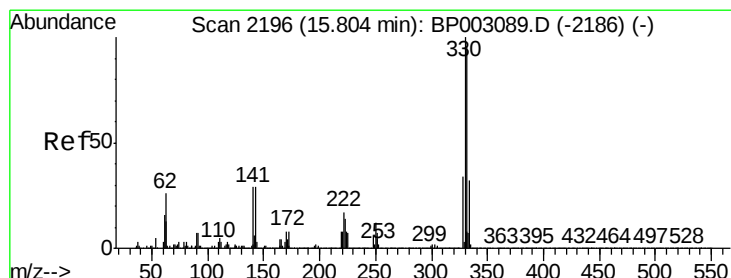
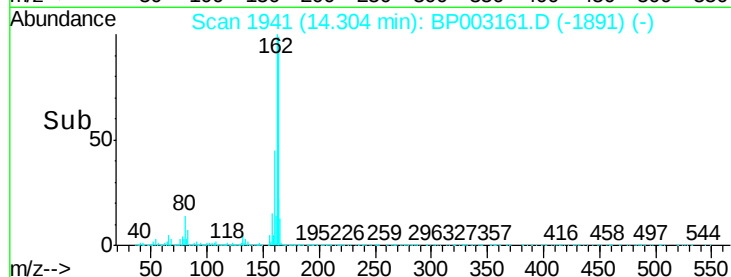
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.30

Time-->



#42

2,4,6-Tribromophenol

Concen: 71.358 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003161.D

Acq: 28 Aug 2020 21:06

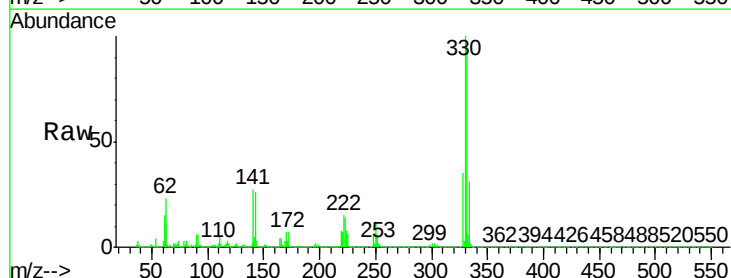
Tgt Ion:330 Resp: 602935

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

141 29.5 24.4 36.6



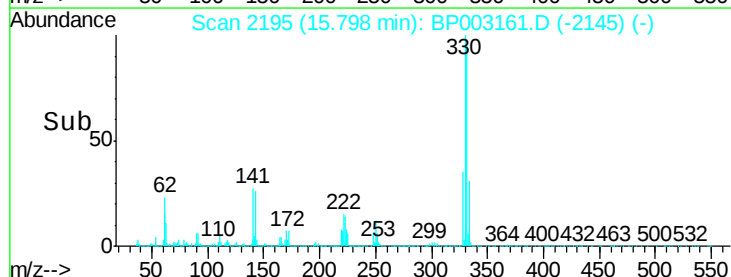
Abundance Ion 329.80 (329.50 to 330.50): E

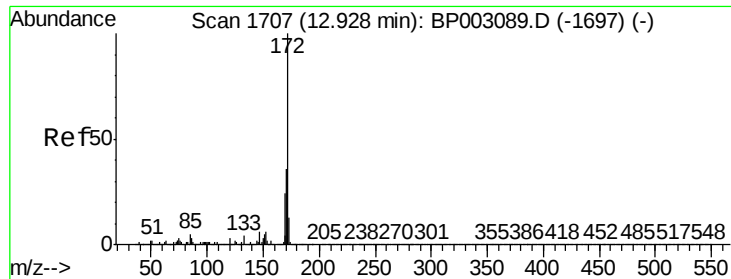
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.80

Time-->

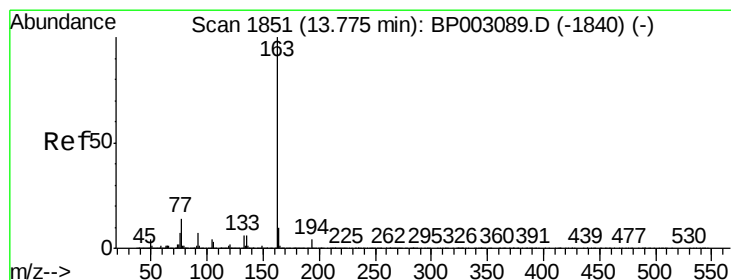
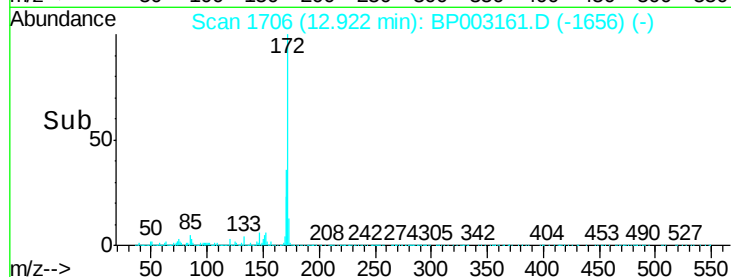
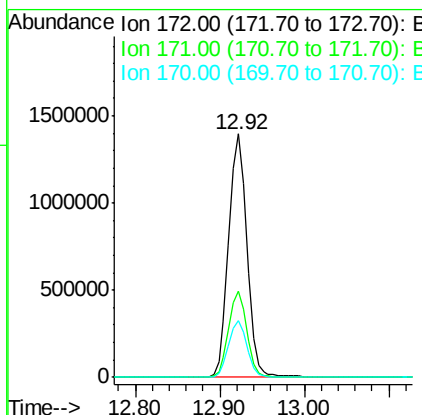
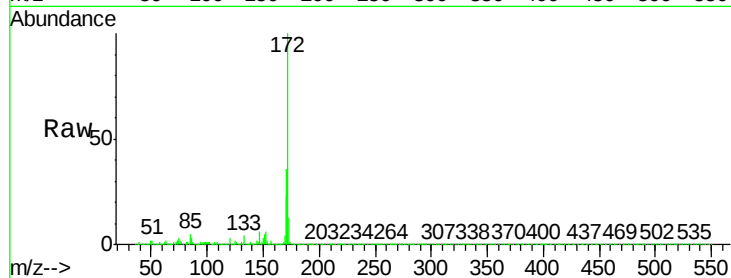




#45
2-Fluorobiphenyl
Concen: 49.100 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003161.D
Acq: 28 Aug 2020 21:06

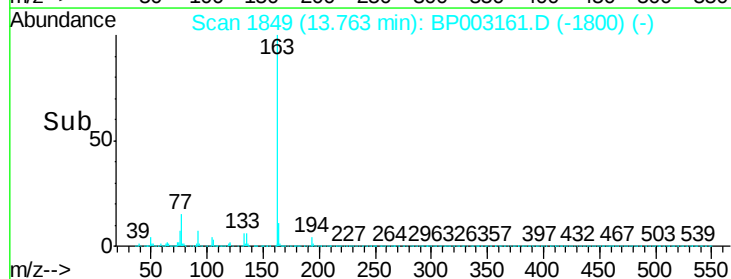
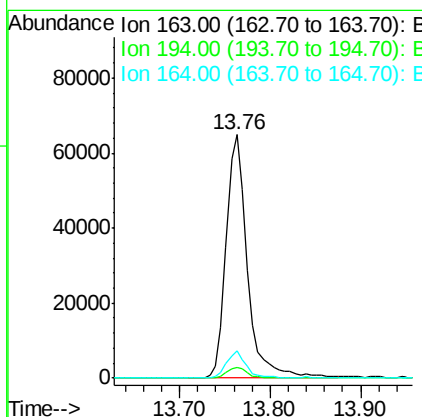
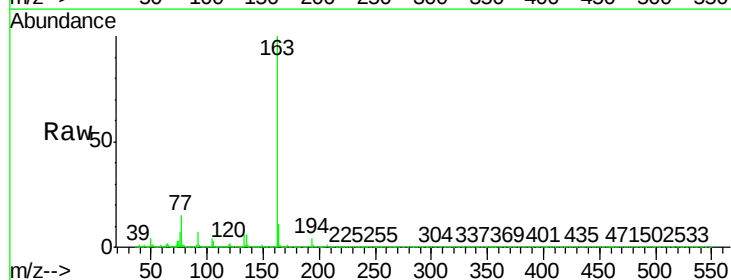
Instrument :
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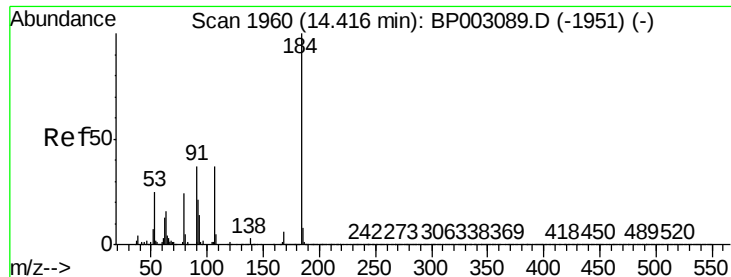
Tot Ion:172 Resp: 2094636
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.2 19.0 28.4



#50
Dimethylphthalate
Concen: 2.222 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003161.D
Acq: 28 Aug 2020 21:06

Tgt Ion:163 Resp: 105839
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 11.1 8.1 12.1

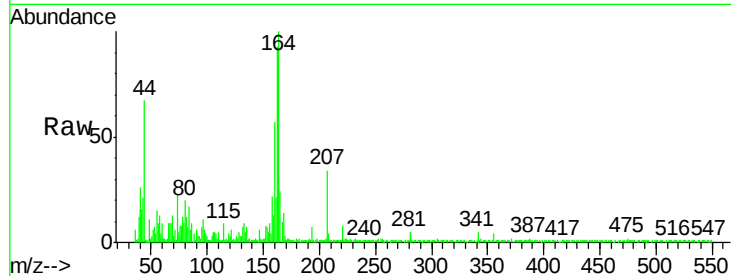




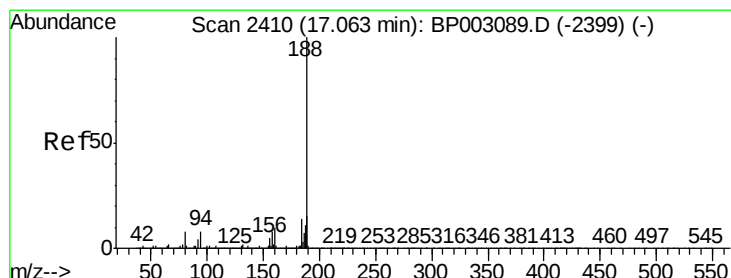
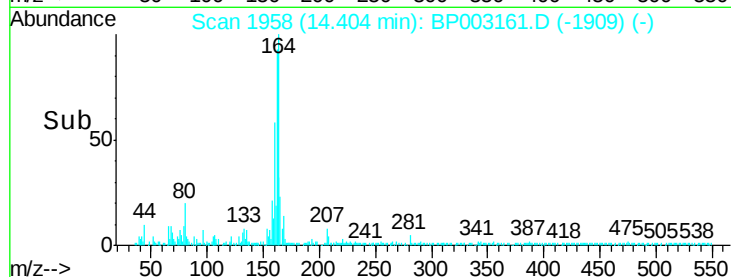
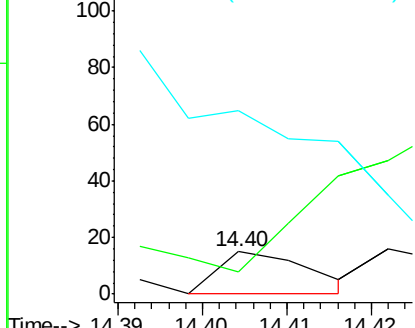
#54
2,4-Dinitrophenol
Concen: 7.757 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP003161.D
Acq: 28 Aug 2020 21:06

Instrument :
BNA_P
ClientSampleId :
789UMR-TP05-1824-01

Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 53.3 32.0 48.0#
154 433.3 48.2 72.2#

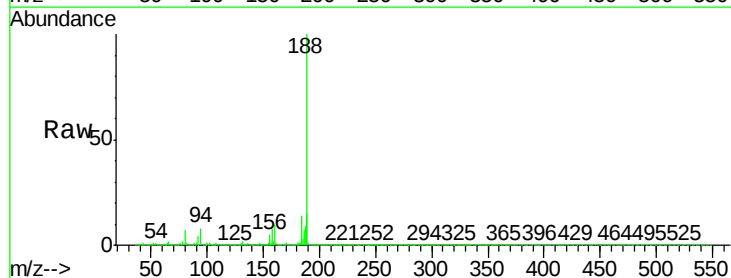


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

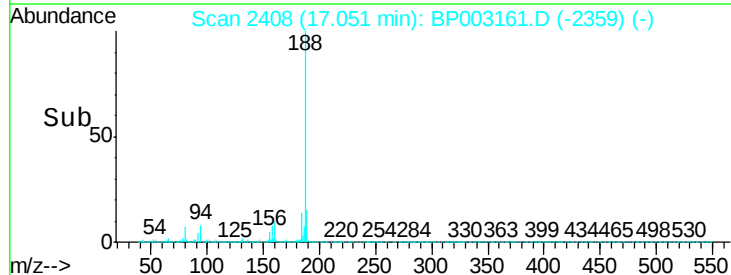
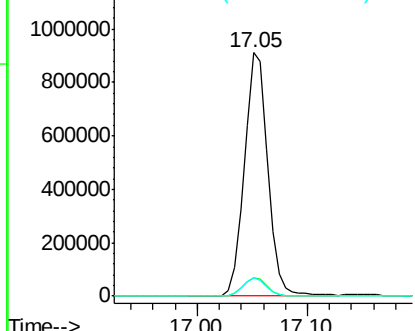


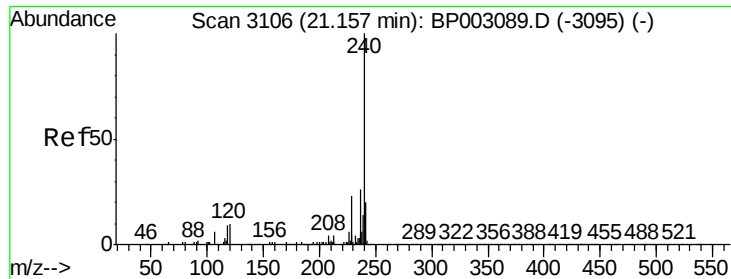
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003161.D
Acq: 28 Aug 2020 21:06

Tgt Ion:188 Resp: 1358006
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.4
80 7.5 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

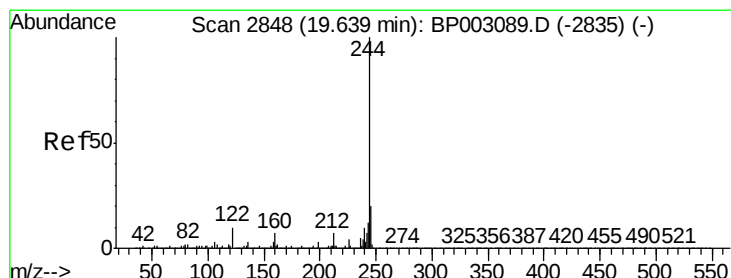
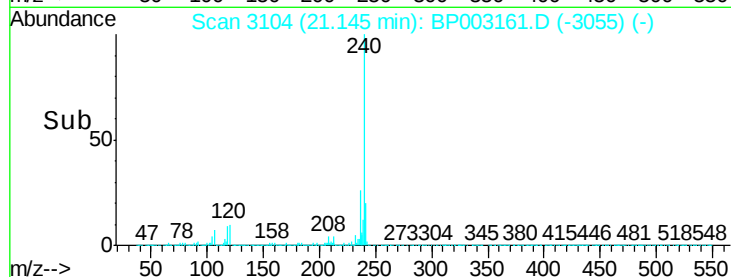
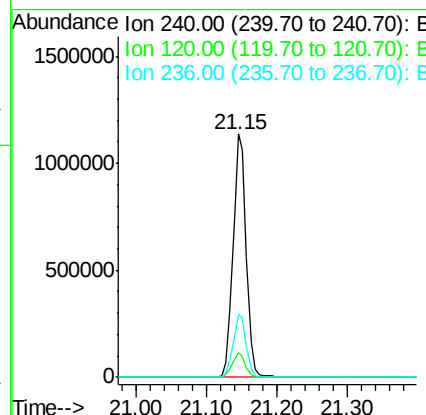
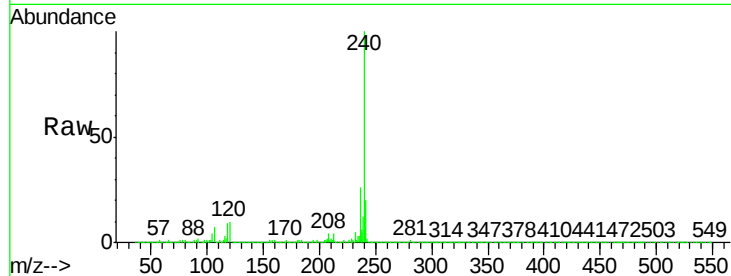




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BP003161.D
 Acq: 28 Aug 2020 21:06

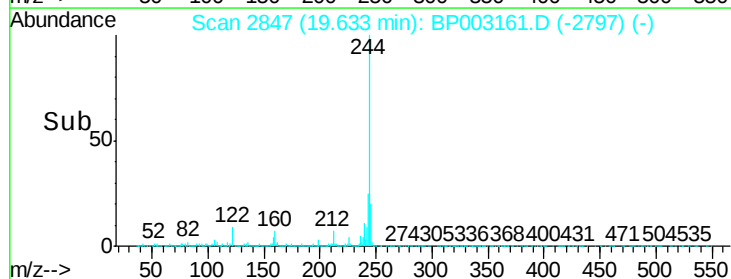
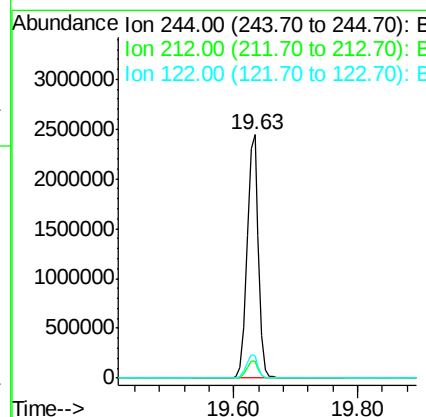
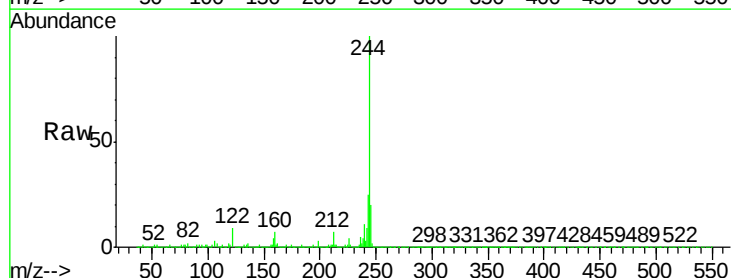
Instrument :
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 789UMR-TP05-1824-01

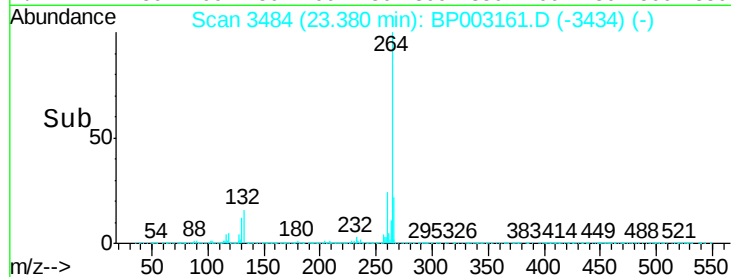
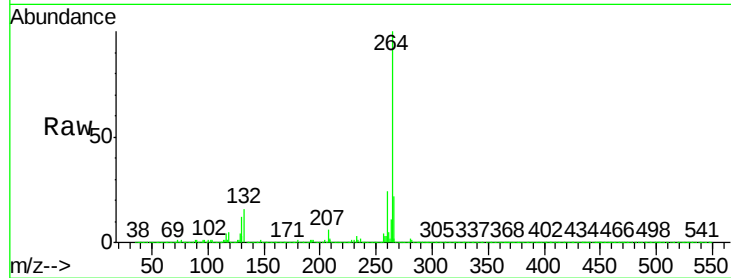
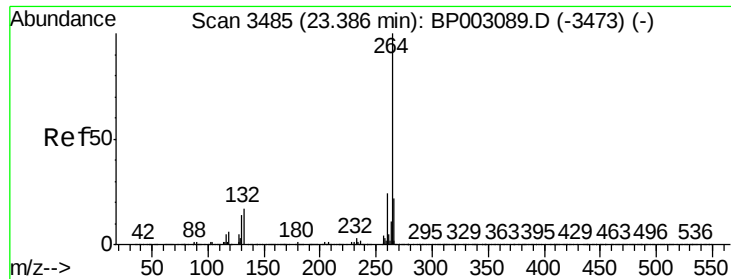
Tot Ion:240 Resp: 1463900
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 25.9 20.6 31.0



#79
 Terphenyl-d14
 Concen: 47.025 ng
 RT: 19.63 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BP003161.D
 Acq: 28 Aug 2020 21:06

Tgt Ion:244 Resp: 3128498
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.1 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: BP003161.D
Acq: 28 Aug 2020 21:06

Instrument :
BNA_P
ClientSampleId :
789UMR-TP05-1824-01

Tot Ion:	264	Resp:	1392335
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.0	17.7	26.5

