

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003271.D
 Acq On : 14 Sep 2020 16:40
 Operator : CG/JU
 Sample : L3993-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B38-091120-10-17

Quant Time: Sep 14 17:42:57 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

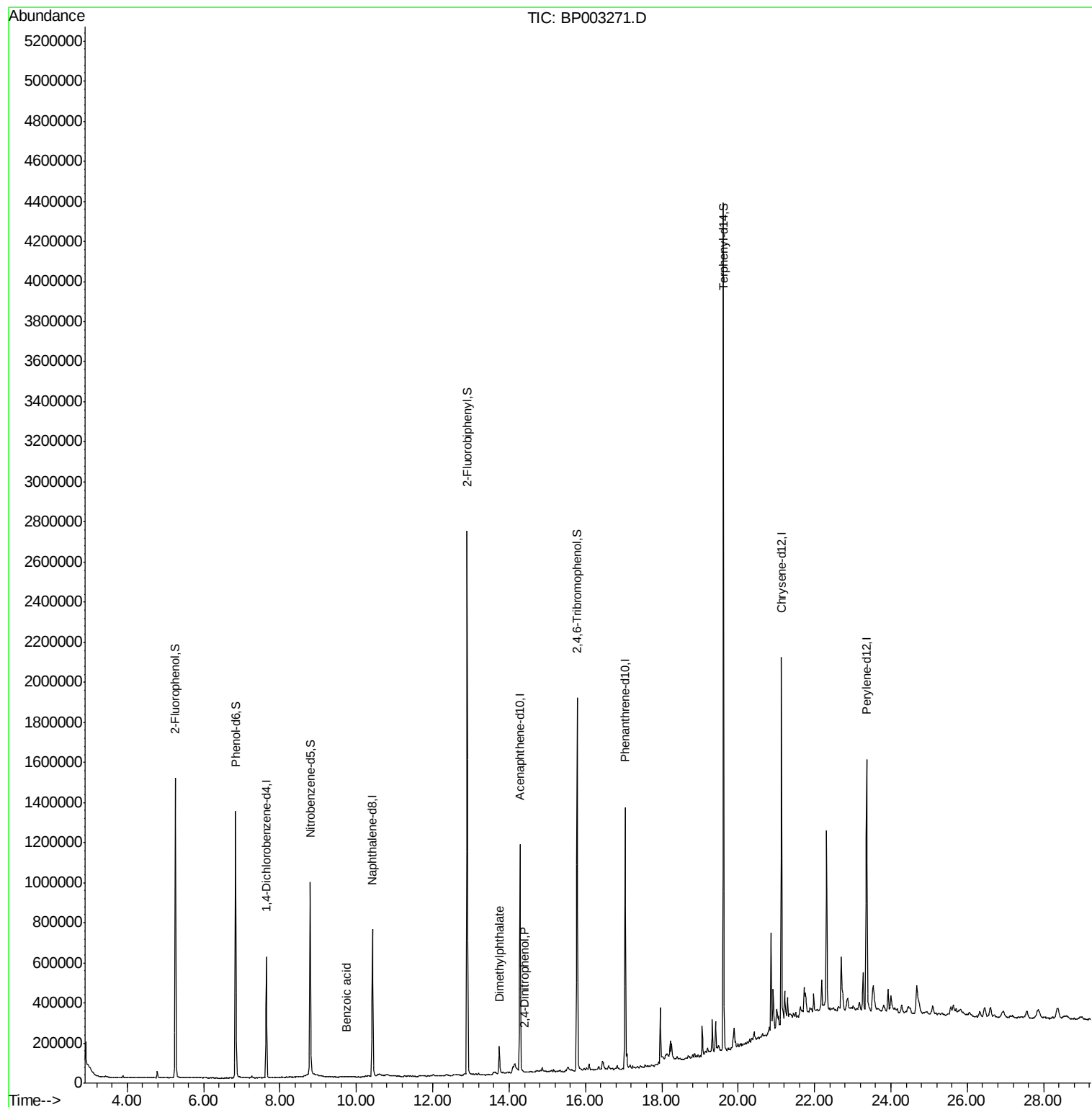
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	180929	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	697288	20.00	ng	-0.02
39) Acenaphthene-d10	14.28	164	409065	20.00	ng	-0.01
64) Phenanthrene-d10	17.03	188	827164	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	840525	20.00	ng	-0.01
86) Perylene-d12	23.36	264	916774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	771120	75.35	ng	0.00
7) Phenol-d6	6.83	99	912938	71.17	ng	0.00
23) Nitrobenzene-d5	8.79	82	558657	57.76	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	431332	77.96	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	1502323	53.78	ng	-0.02
79) Terphenyl-d14	19.61	244	1884092	49.32	ng	-0.01
Target Compounds						
32) Benzoic acid	9.76	122	280	9.031	ng	# 66
50) Dimethylphthalate	13.75	163	106880	3.426	ng	99
54) 2,4-Dinitrophenol	14.40	184	115	7.784	ng	# 1

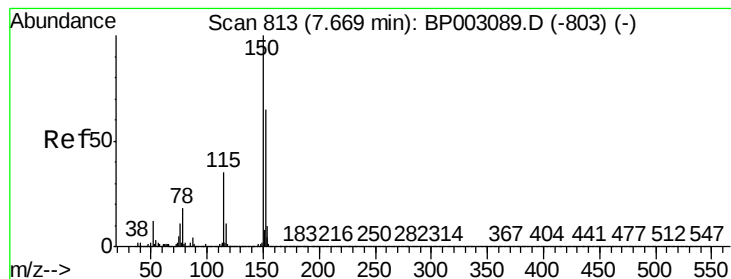
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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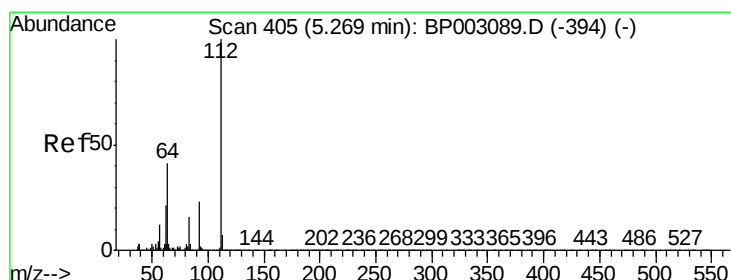
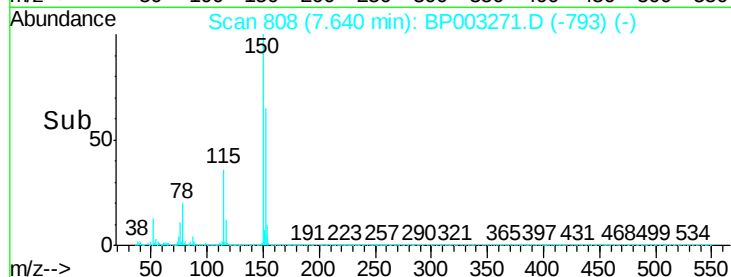
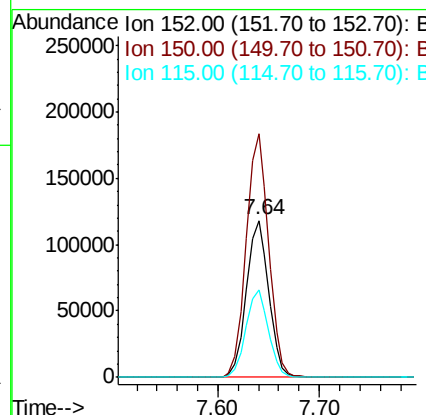
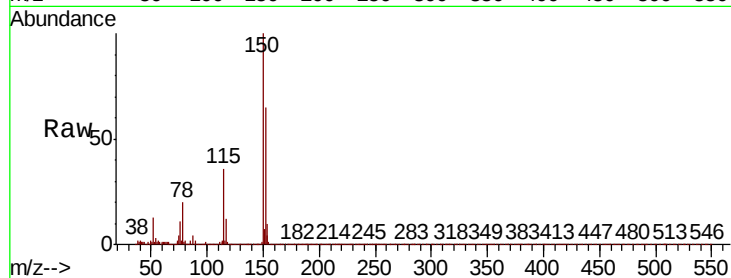


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003271.D
Acq: 14 Sep 2020 16:40

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-10-17

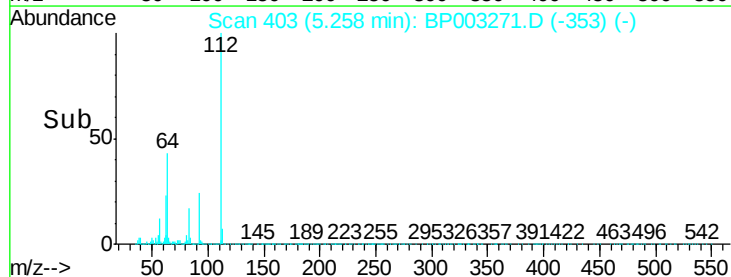
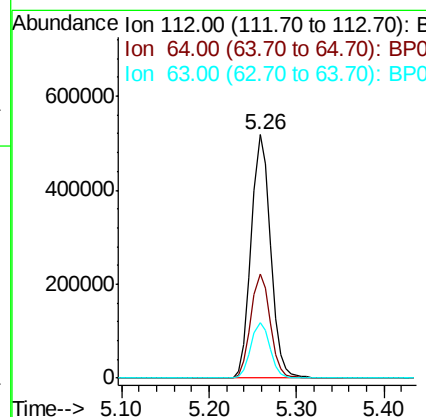
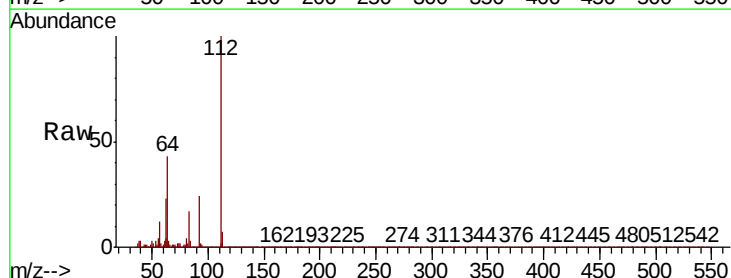
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	55.4	43.8	65.6



#5

2-Fluorophenol
Concen: 75.353 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003271.D
Acq: 14 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.6	32.8	49.2
63	22.8	17.0	25.4





#7

Phenol-d6

Concen: 71.166 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003271.D

Acq: 14 Sep 2020 16:40

Instrument :

BNA_P

ClientSampleId :

PAV-B38-091120-10-17

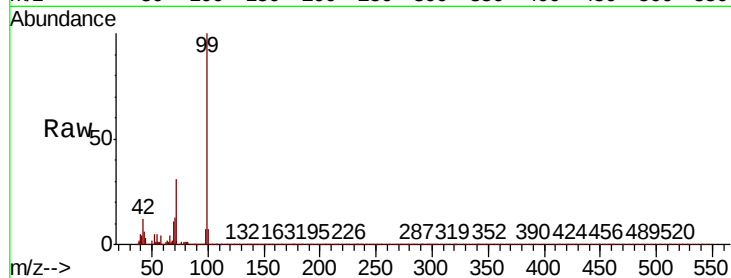
Tot Ion: 99 Resp: 912938

Ion Ratio Lower Upper

99 100

42 11.6 8.6 13.0

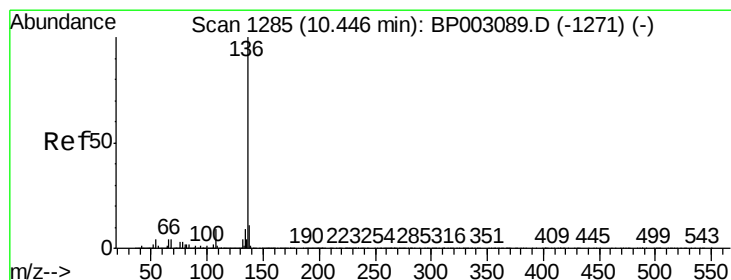
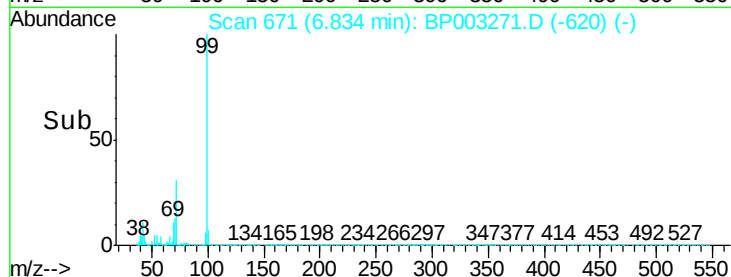
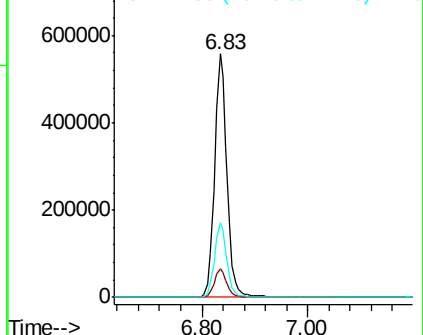
71 30.9 23.4 35.2



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: 10.42 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BP003271.D

Acq: 14 Sep 2020 16:40

Tgt Ion: 136 Resp: 697288

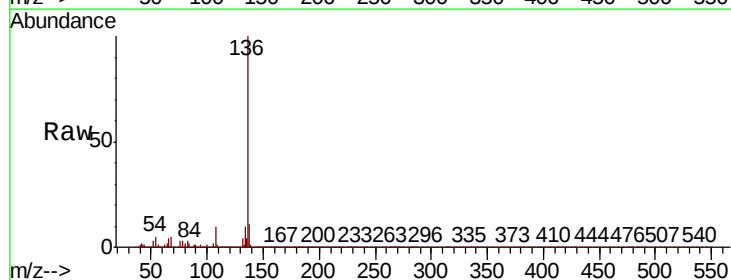
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 5.1 3.6 5.4

68 4.5 3.3 4.9

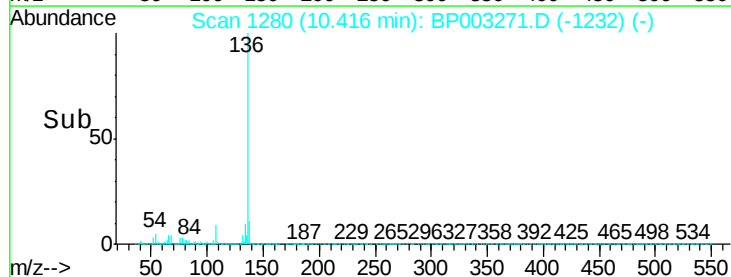
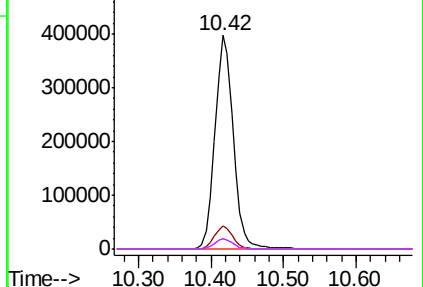


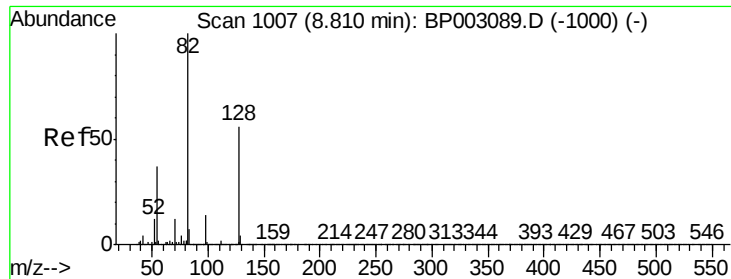
Abundance Ion 136.00 (135.70 to 136.70): E

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

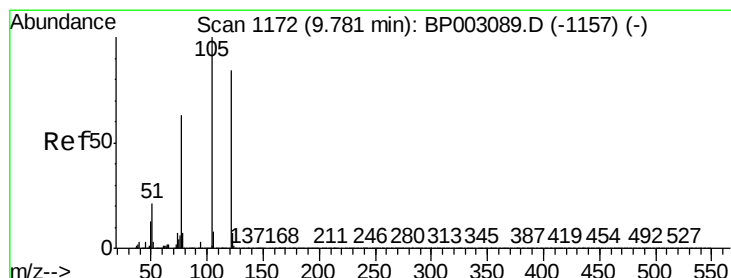
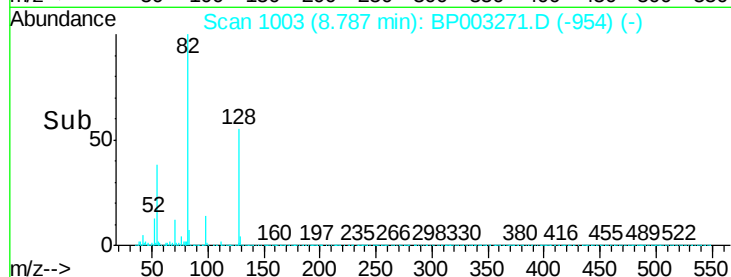
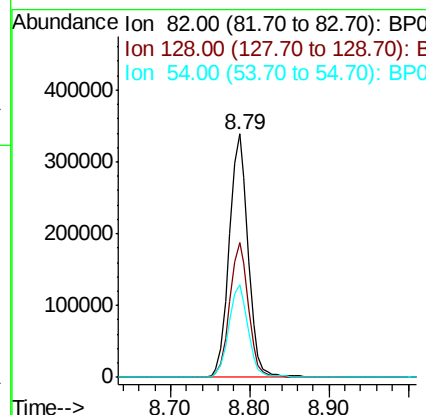
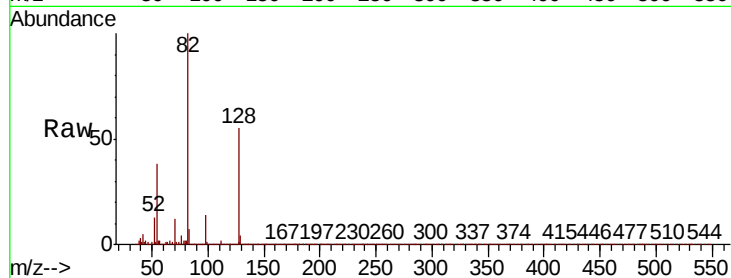




#23
 Nitrobenzene-d5
 Concen: 57.758 ng
 RT: 8.79 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BP003271.D
 Acq: 14 Sep 2020 16:40

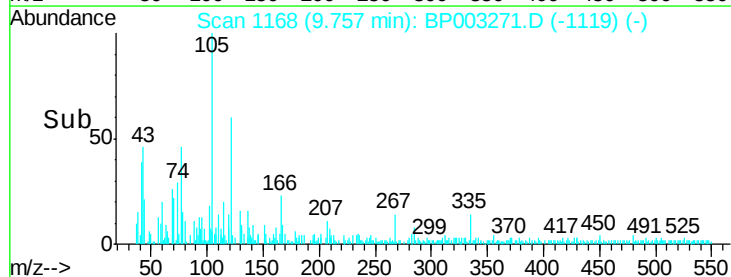
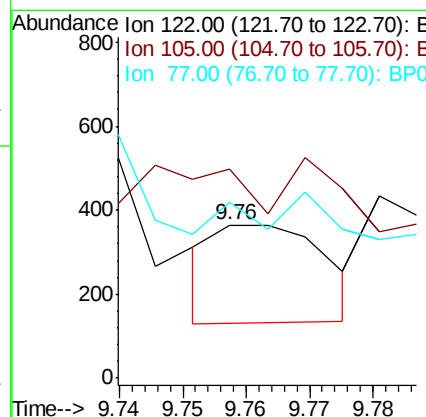
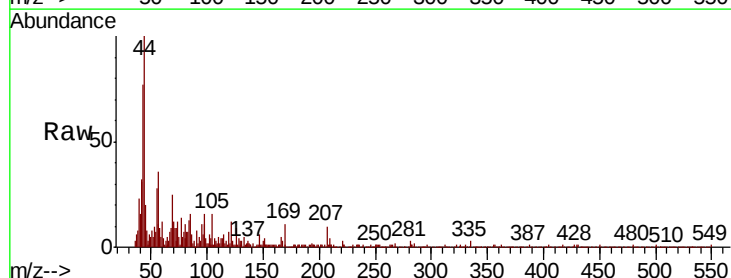
Instrument :
 BNA_P
 ClientSampleId :
 PAV-B38-091120-10-17

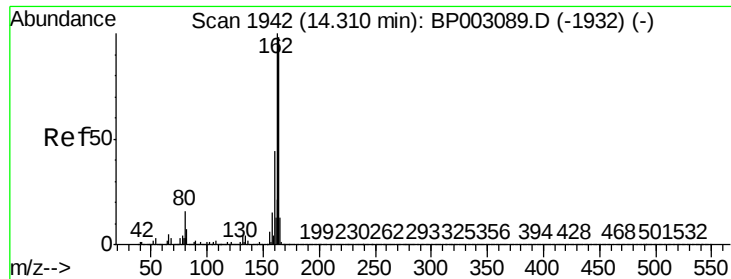
Tot Ion	82	Resp	558657
Ion Ratio	100	Lower	Upper
128	55.2	45.6	68.4
54	38.3	30.1	45.1



#32
 Benzoic acid
 Concen: 9.031 ng
 RT: 9.76 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BP003271.D
 Acq: 14 Sep 2020 16:40

Tgt Ion	122	Resp	280
Ion Ratio	100	Lower	Upper
105	136.5	94.1	134.1#
77	115.4	50.1	90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BP003271.D

Acq: 14 Sep 2020 16:40

Instrument :

BNA_P

ClientSampleId :

PAV-B38-091120-10-17

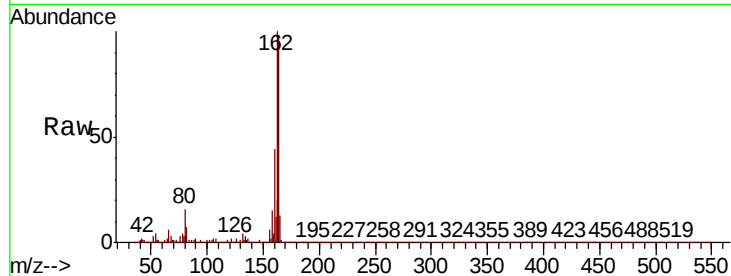
Tot Ion:164 Resp: 409065

Ion Ratio Lower Upper

164 100

162 101.9 79.4 119.2

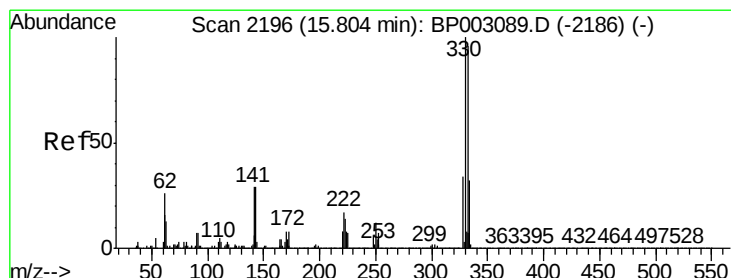
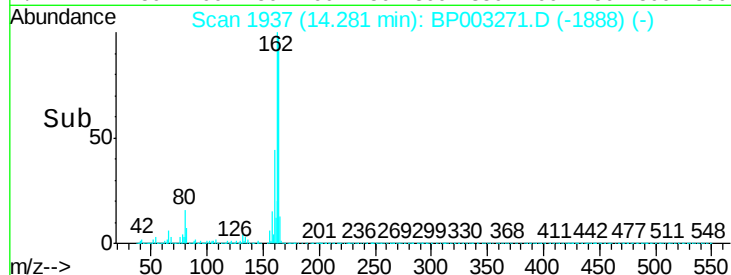
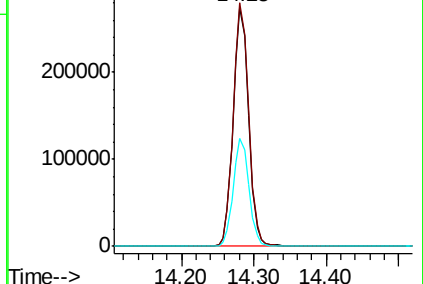
160 45.0 36.1 54.1



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: 77.963 ng

RT: 15.78 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BP003271.D

Acq: 14 Sep 2020 16:40

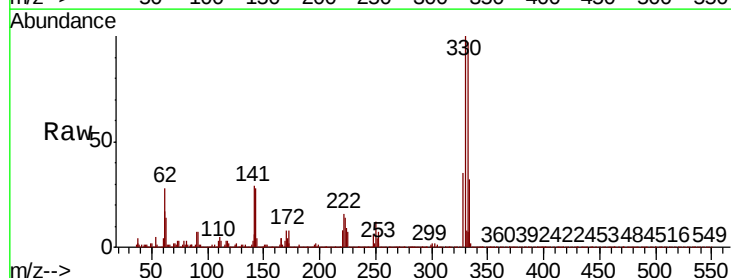
Tgt Ion:330 Resp: 431332

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

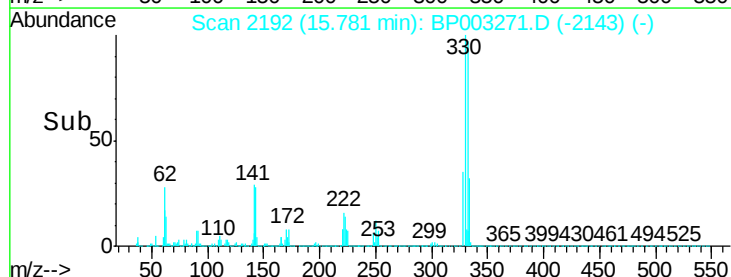
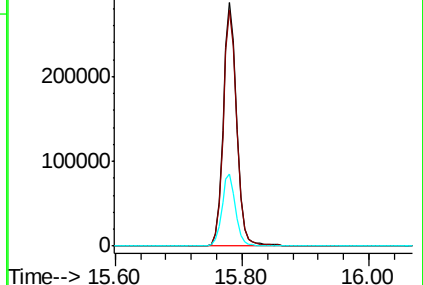
141 29.7 23.4 35.2

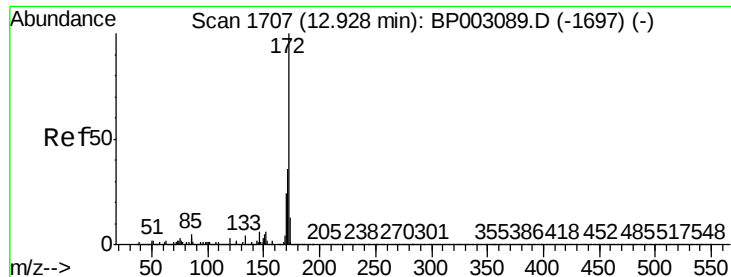


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

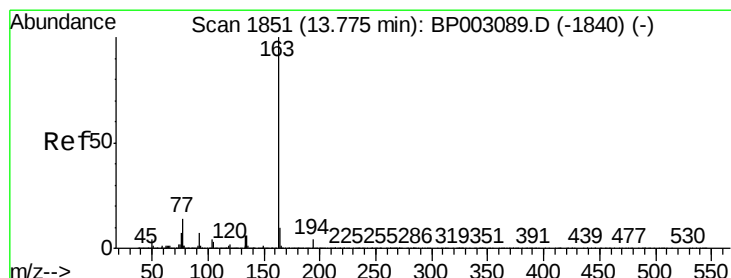
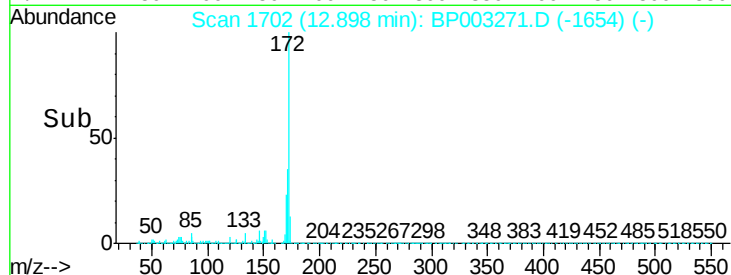
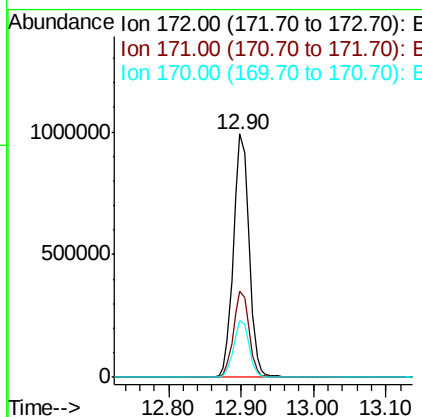
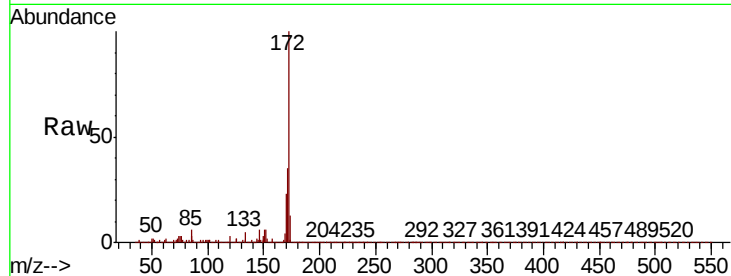




#45
2-Fluorobiphenyl
Concen: 53.783 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BP003271.D
Acq: 14 Sep 2020 16:40

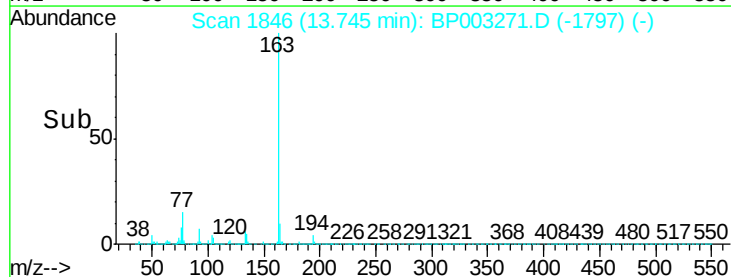
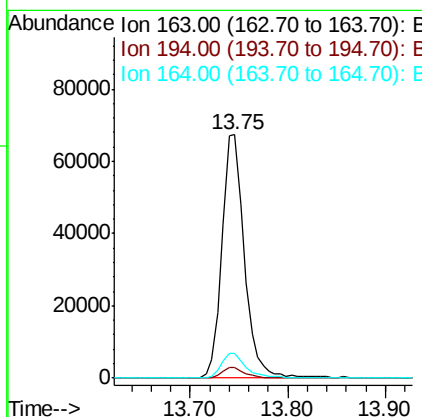
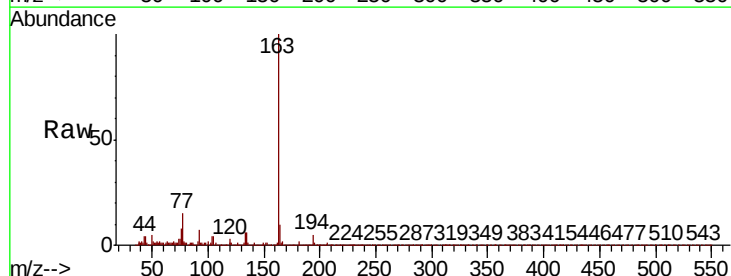
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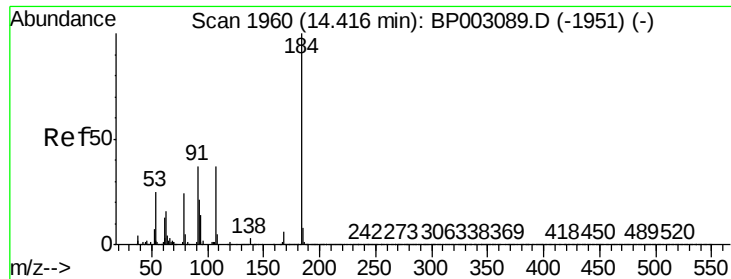
Tot Ion:172 Resp: 1502323
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 19.2 28.8



#50
Dimethylphthalate
Concen: 3.426 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003271.D
Acq: 14 Sep 2020 16:40

Tgt Ion:163 Resp: 106880
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.9 8.2 12.2

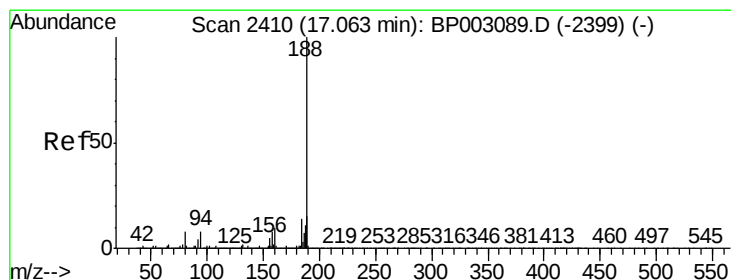
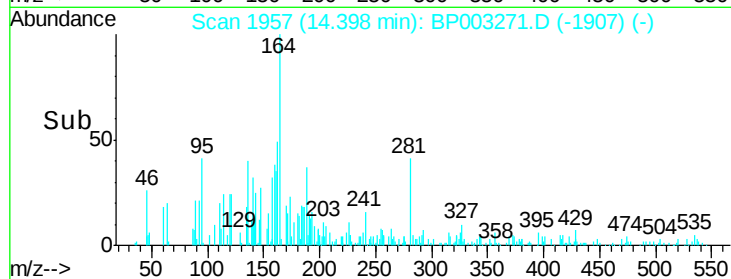
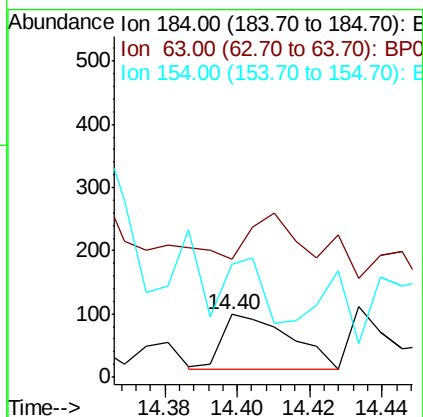
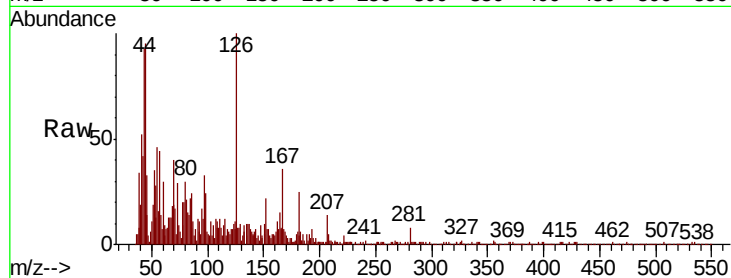




#54
2,4-Dinitrophenol
Concen: 7.784 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP003271.D
Acq: 14 Sep 2020 16:40

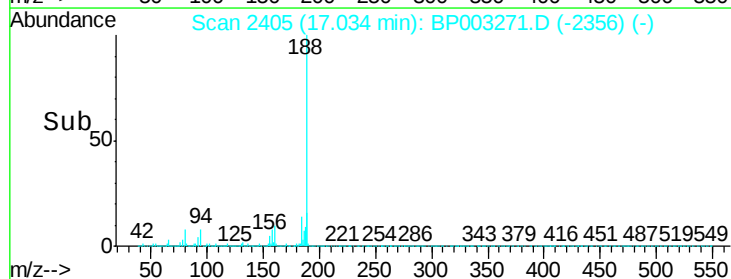
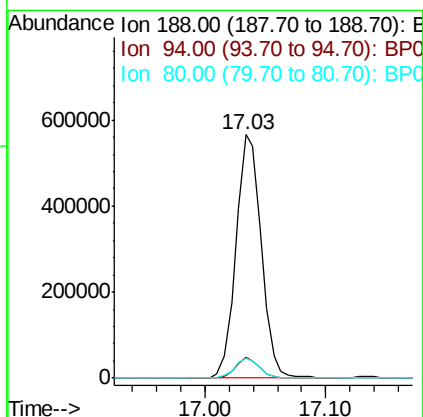
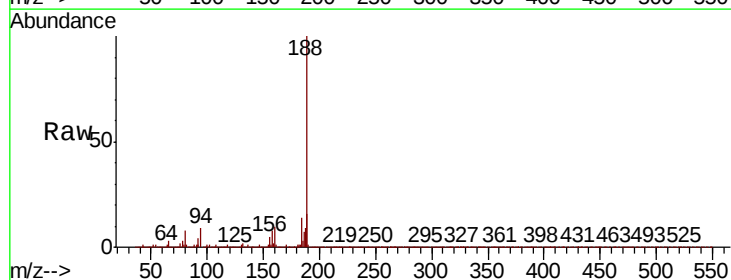
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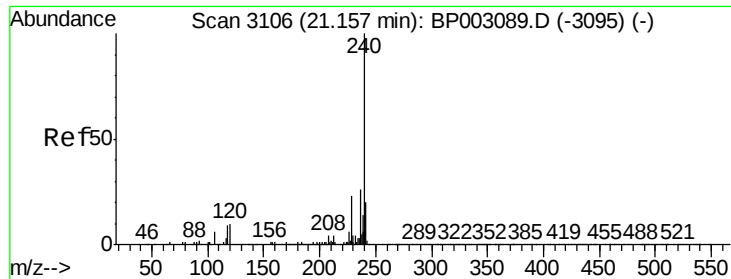
Tot Ion:184 Resp: 115
Ion Ratio Lower Upper
184 100
63 187.9 32.3 48.5#
154 179.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP003271.D
Acq: 14 Sep 2020 16:40

Tgt Ion:188 Resp: 827164
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 8.2 6.2 9.2

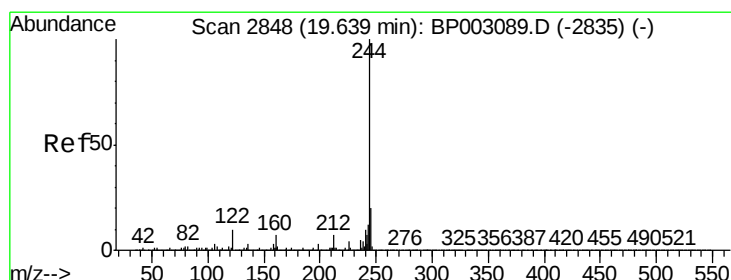
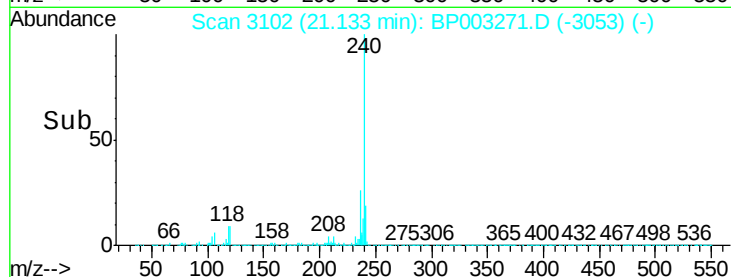
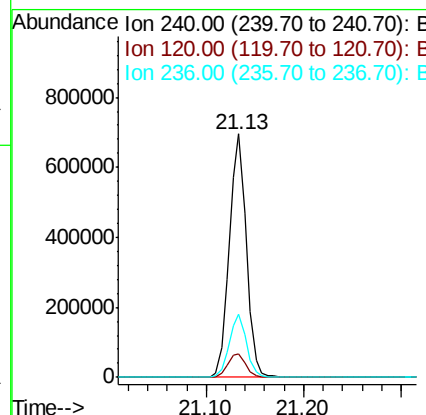
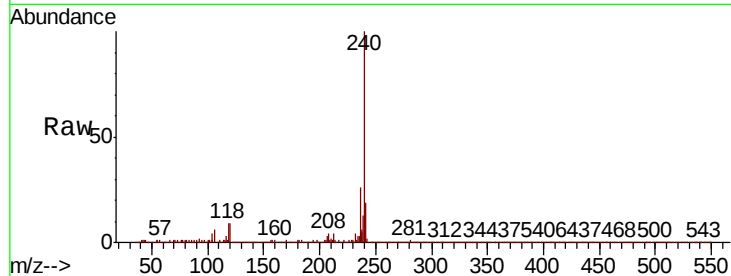




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.13 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BP003271.D
 Acq: 14 Sep 2020 16:40

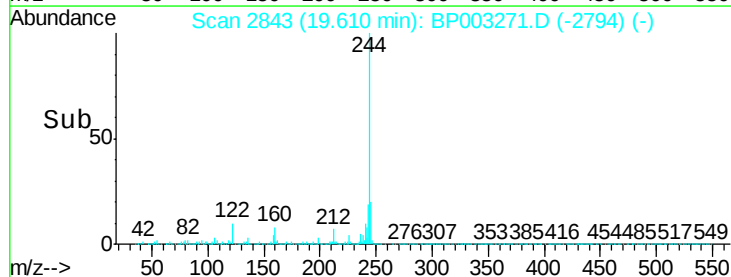
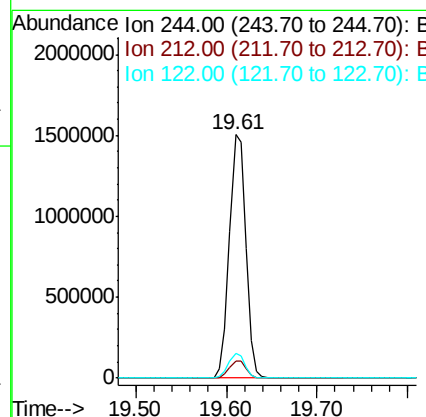
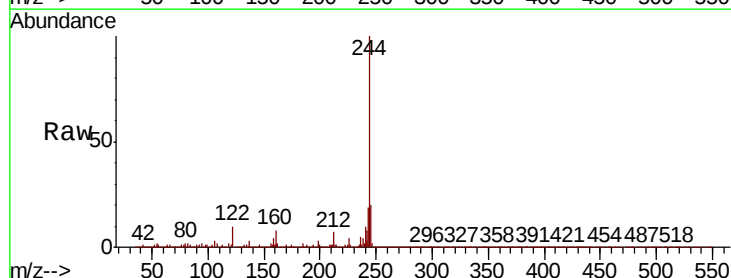
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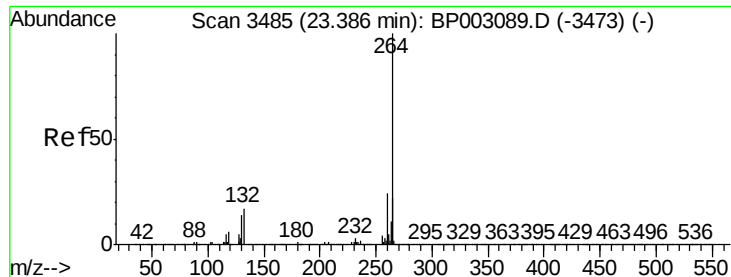
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	26.1	20.8	31.2



#79
 Terphenyl-d14
 Concen: 49.324 ng
 RT: 19.61 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BP003271.D
 Acq: 14 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.3	7.8	11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BP003271.D
Acq: 14 Sep 2020 16:40

Instrument :
BNA_P
ClientSampleId :
PAV-B38-091120-10-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.8	17.4	26.2

