

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092420\
 Data File : BP003370.D
 Acq On : 24 Sep 2020 15:44
 Operator : CG/JU
 Sample : L4112-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 16:12:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

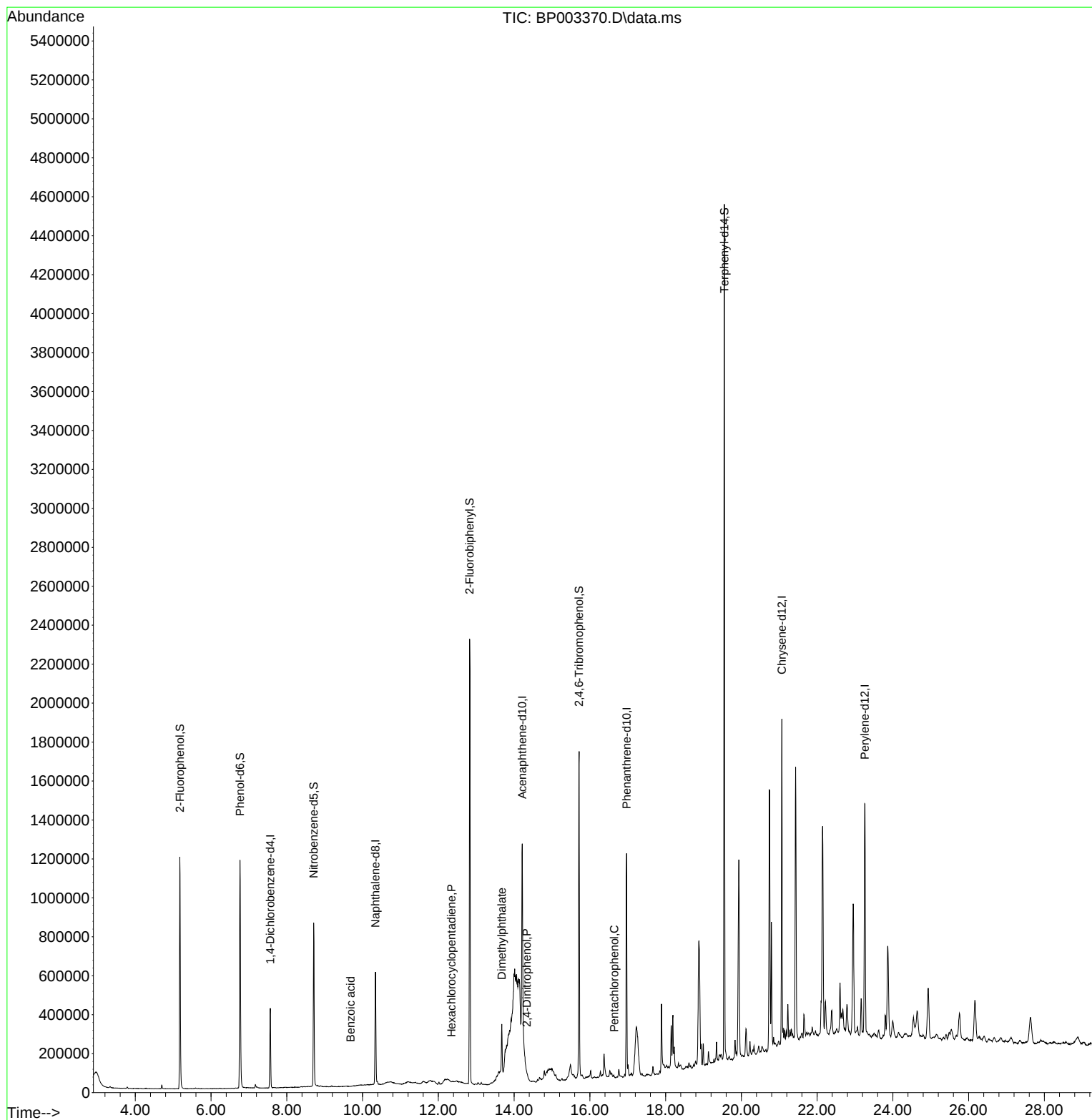
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	112836	20.00	ng	-0.05
21) Naphthalene-d8	10.340	136	471407	20.00	ng	#-0.06
39) Acenaphthene-d10	14.216	164	295776	20.00	ng	-0.05
64) Phenanthrene-d10	16.969	188	674400	20.00	ng	#-0.05
76) Chrysene-d12	21.068	240	764622	20.00	ng	-0.04
86) Perylene-d12	23.262	264	863571	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	599391	92.76	ng	-0.05
7) Phenol-d6	6.763	99	800567	92.94	ng	-0.05
23) Nitrobenzene-d5	8.710	82	510767	63.65	ng	-0.06
42) 2,4,6-Tribromophenol	15.716	330	343962	76.25	ng	-0.05
45) 2-Fluorobiphenyl	12.828	172	1193725	59.03	ng	-0.05
79) Terphenyl-d14	19.551	244	1854223	50.53	ng	-0.04
Target Compounds						
32) Benzoic acid	9.687	122	224	9.20	ng	# 1
41) Hexachlorocyclopentadiene	12.345	237	13	6.84	ng	89
50) Dimethylphthalate	13.675	163	150337	6.37	ng	99
54) 2,4-Dinitrophenol	14.334	184	116	7.30	ng	# 1
70) Pentachlorophenol	16.645	266	157	6.80	ng	# 84

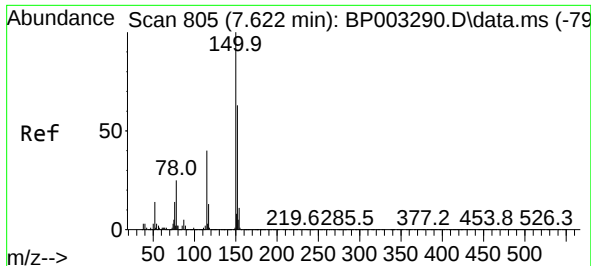
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092420\
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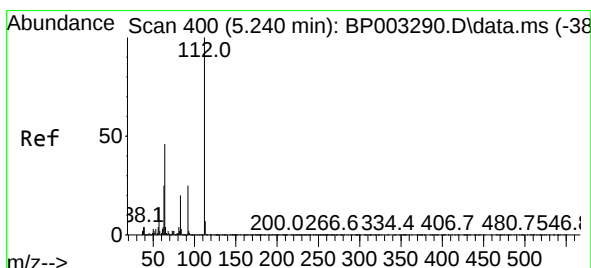
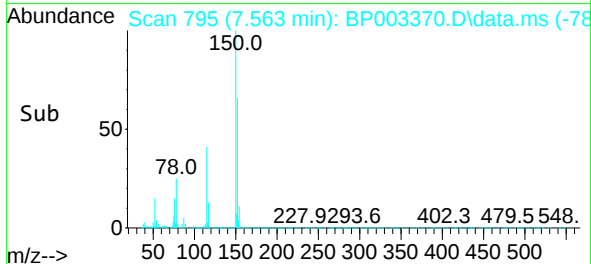
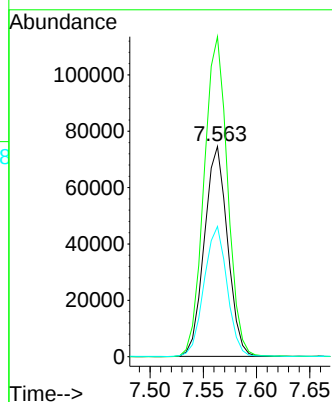
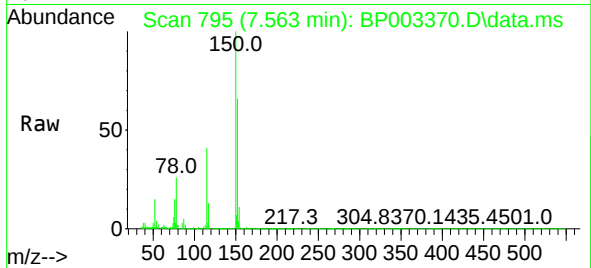




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.053 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

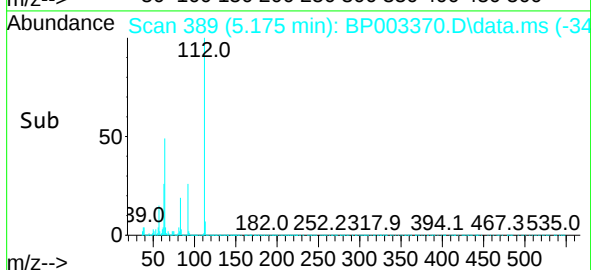
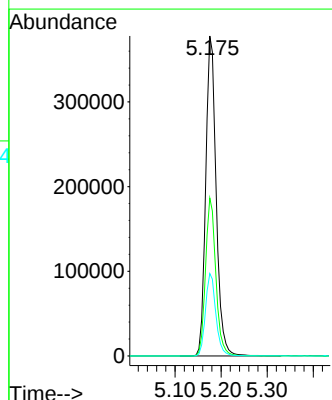
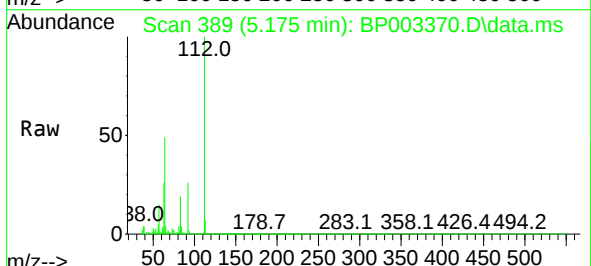
Instrument :
BNA_P
ClientSampleId :

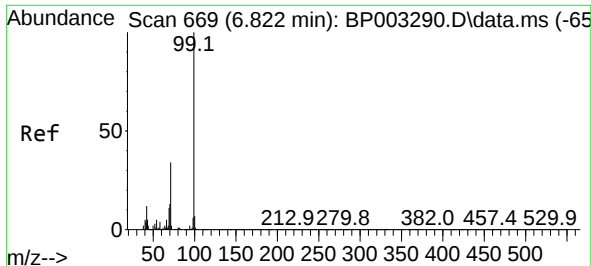
Tgt Ion:152 Resp: 112836
Ion Ratio Lower Upper
152 100
150 152.2 123.8 185.6
115 62.0 43.8 65.6



#5
2-Fluorophenol
Concen: 92.76 ng
RT: 5.175 min Scan# 389
Delta R.T. -0.053 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

Tgt Ion:112 Resp: 599391
Ion Ratio Lower Upper
112 100
64 49.3 32.8 49.2#
63 25.8 17.0 25.4#

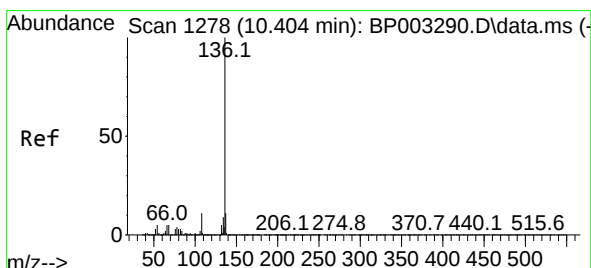
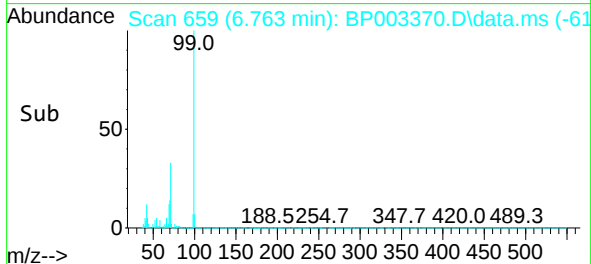
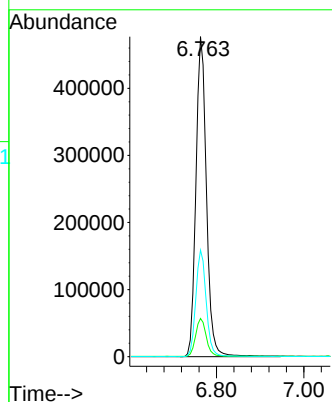
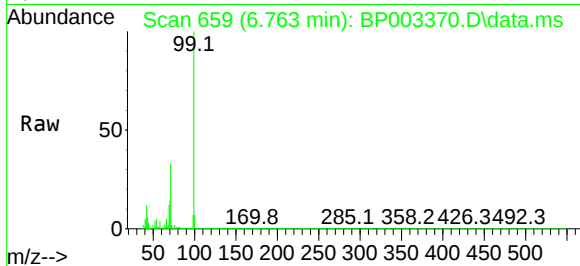




#7
Phenol-d6
Concen: 92.94 ng
RT: 6.763 min Scan# 659
Delta R.T. -0.047 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

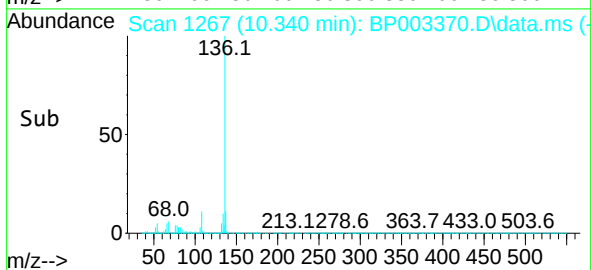
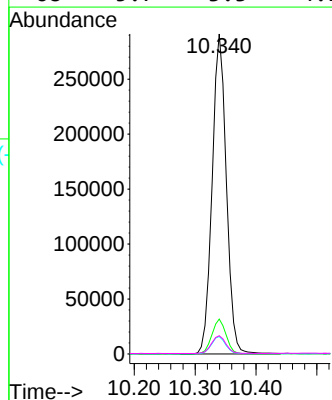
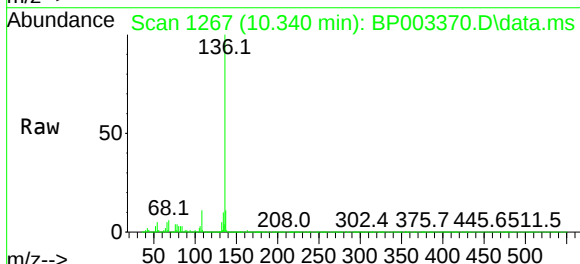
Instrument :
BNA_P
ClientSampleId :

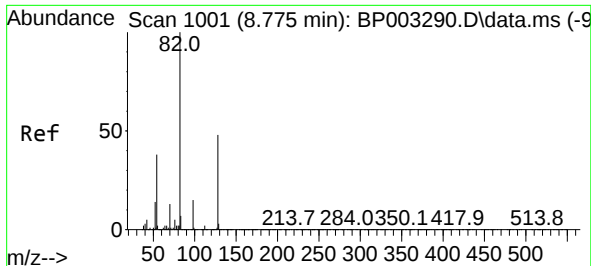
Tgt Ion: 99 Resp: 800567
Ion Ratio Lower Upper
99 100
42 11.9 8.6 13.0
71 33.3 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.059 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

Tgt Ion: 136 Resp: 471407
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.5 3.6 5.4#
68 5.7 3.3 4.9#

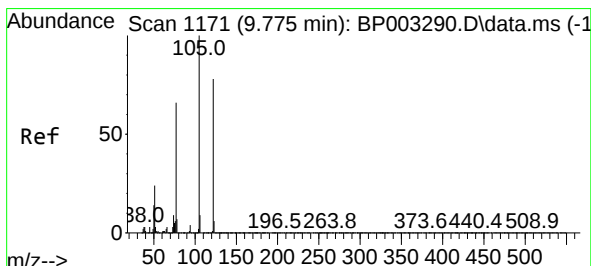
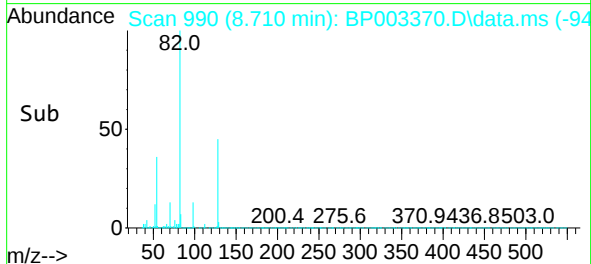
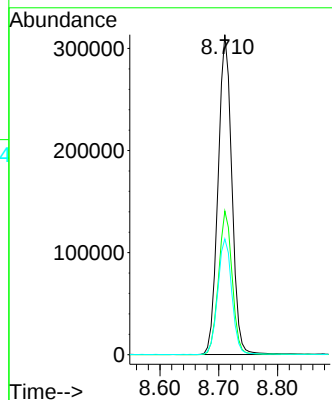
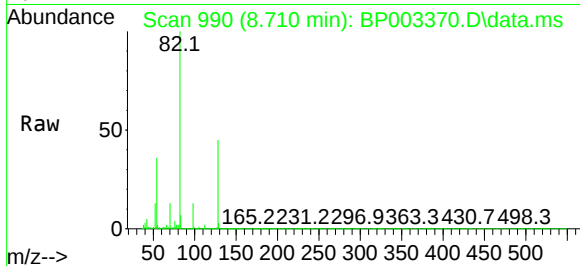




#23
Nitrobenzene-d5
Concen: 63.65 ng
RT: 8.710 min Scan# 990
Delta R.T. -0.059 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

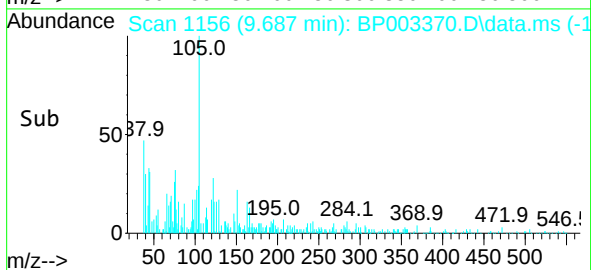
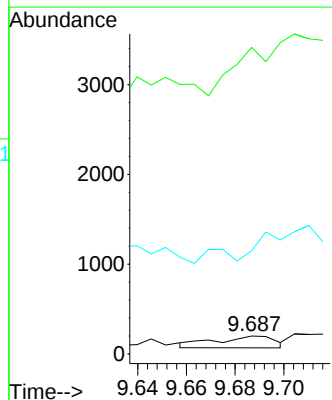
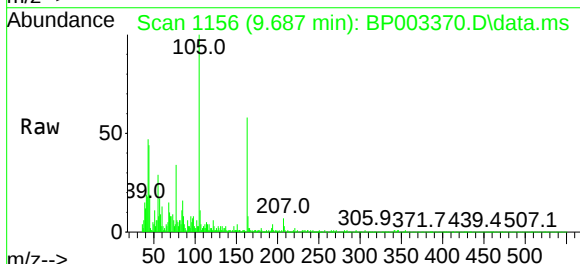
Instrument :
BNA_P
ClientSampleId :

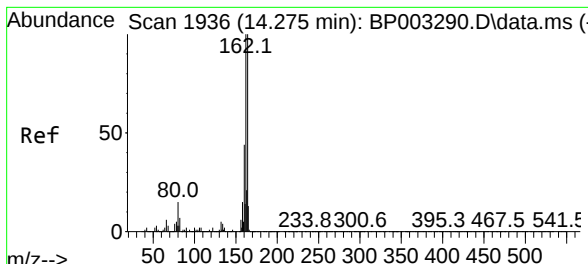
Tgt Ion: 82 Resp: 510767
Ion Ratio Lower Upper
82 100
128 44.9 45.6 68.4#
54 36.2 30.1 45.1



#32
Benzoic acid
Concen: 9.20 ng
RT: 9.687 min Scan# 1156
Delta R.T. -0.071 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

Tgt Ion:122 Resp: 224
Ion Ratio Lower Upper
122 100
105 1707.5 94.1 134.1#
77 575.0 50.1 90.1#

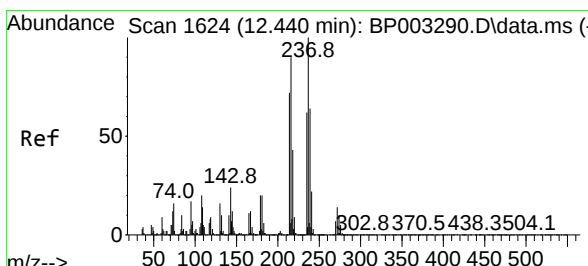
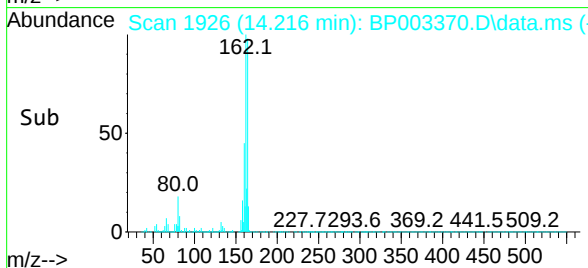
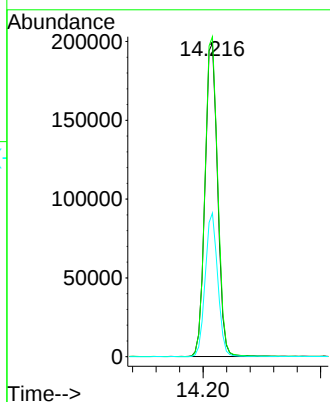
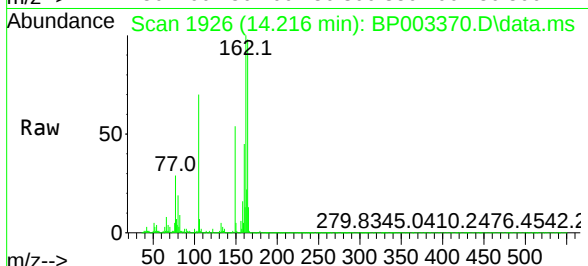




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.216 min Scan# 1926
 Delta R.T. -0.047 min
 Lab File: BP003370.D
 Acq: 24 Sep 2020 15:44

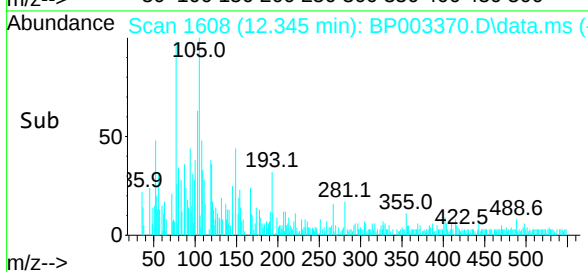
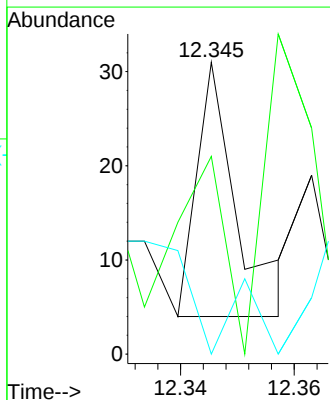
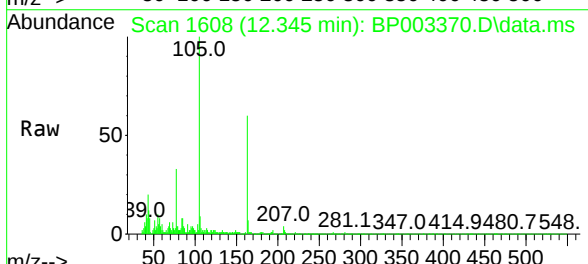
Instrument :
 BNA_P
 ClientSampleId :

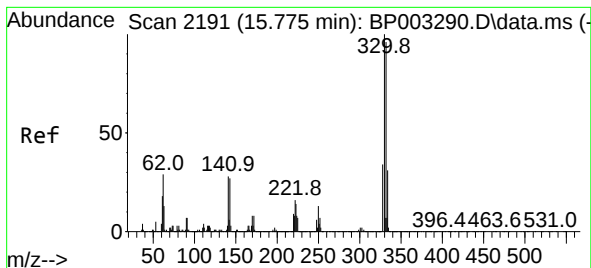
Tgt Ion:	164	Resp:	295776
Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.4	119.2
160	45.9	36.1	54.1



#41
 Hexachlorocyclopentadiene
 Concen: 6.84 ng
 RT: 12.345 min Scan# 1608
 Delta R.T. -0.082 min
 Lab File: BP003370.D
 Acq: 24 Sep 2020 15:44

Tgt Ion:	237	Resp:	13
Ion	Ratio	Lower	Upper
237	100		
235	67.7	43.2	83.2
272	0.0	0.0	33.3

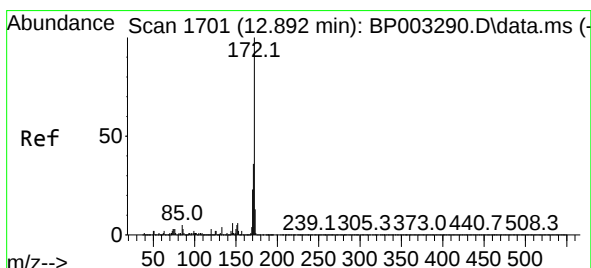
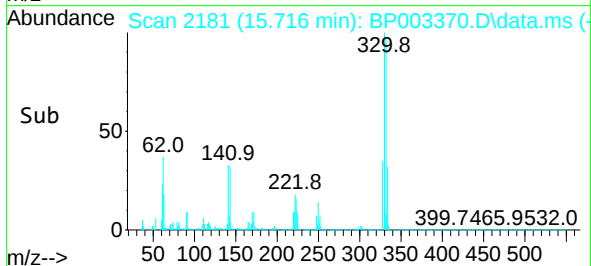
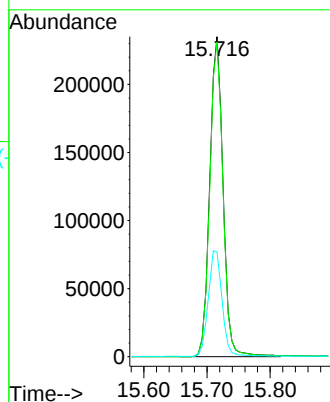
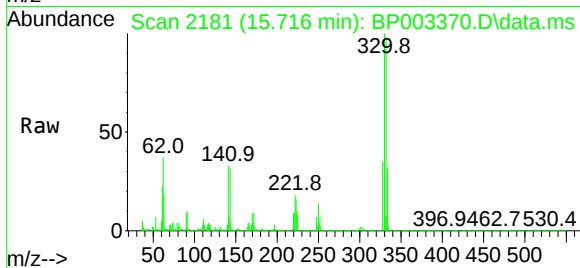




#42
2,4,6-Tribromophenol
Concen: 76.25 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.047 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

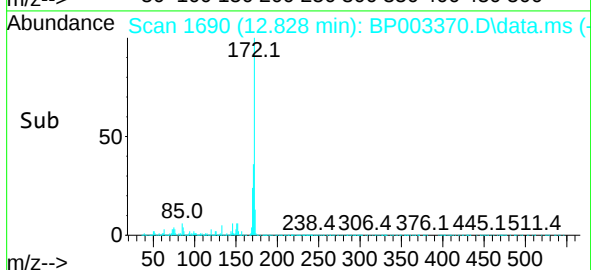
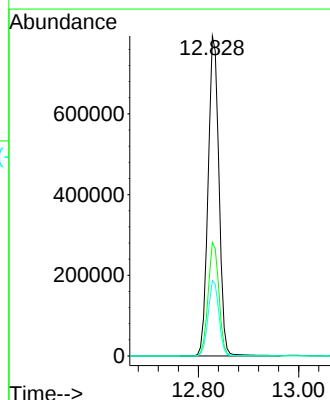
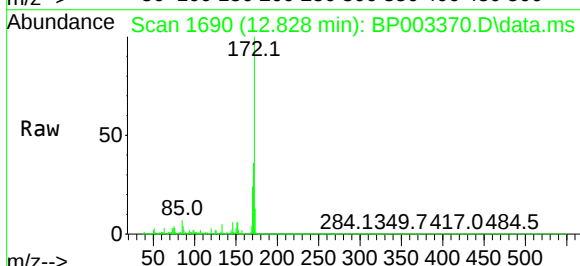
Instrument :
BNA_P
ClientSampleId :

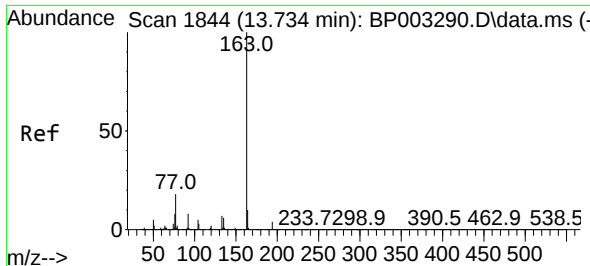
Tgt Ion:330 Resp: 343962
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 34.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.03 ng
RT: 12.828 min Scan# 1690
Delta R.T. -0.053 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

Tgt Ion:172 Resp: 1193725
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.2 28.8

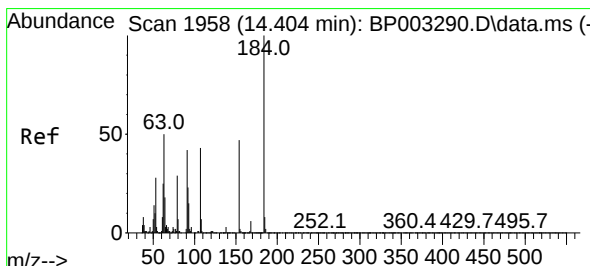
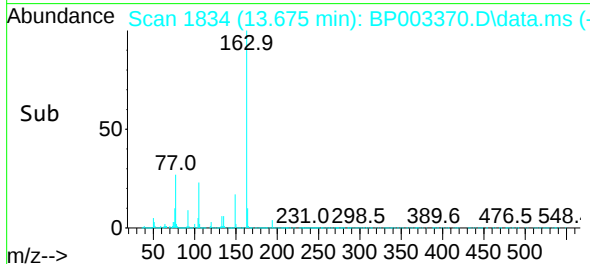
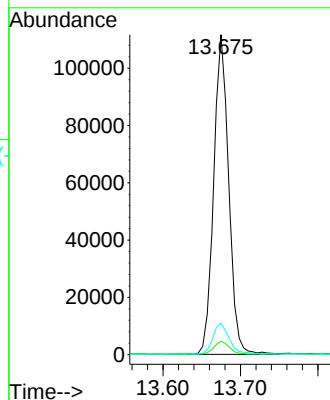
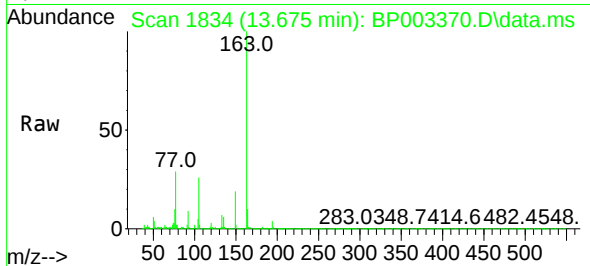




#50
Dimethylphthalate
Concen: 6.37 ng
RT: 13.675 min Scan# 1834
Delta R.T. -0.053 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

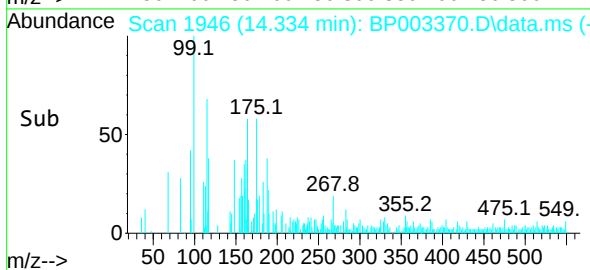
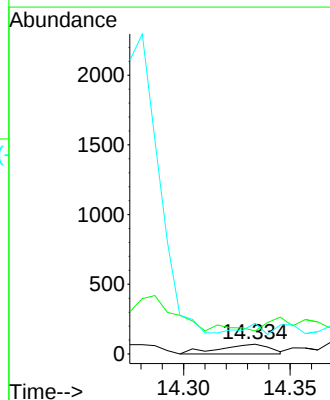
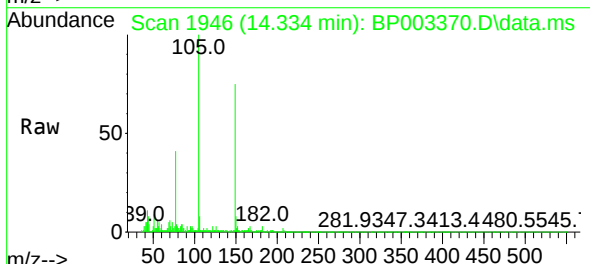
Instrument :
BNA_P
ClientSampleId :

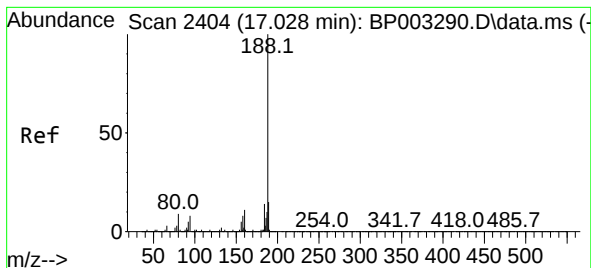
Tgt Ion:163 Resp: 150337
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.30 ng
RT: 14.334 min Scan# 1946
Delta R.T. -0.065 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 235.7 32.3 48.5#
154 314.3 49.1 73.7#

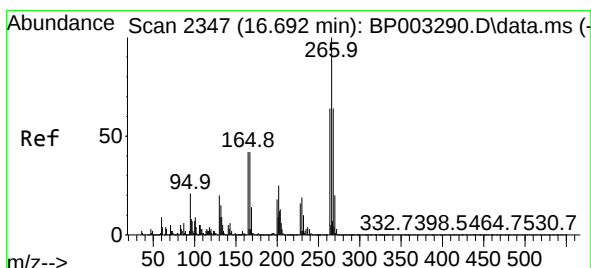
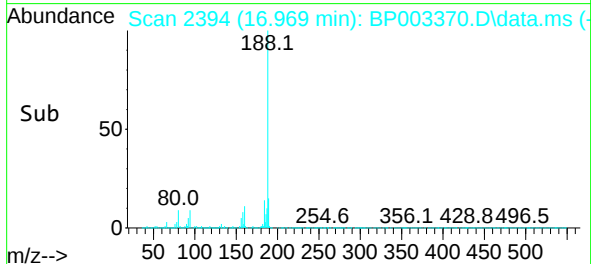
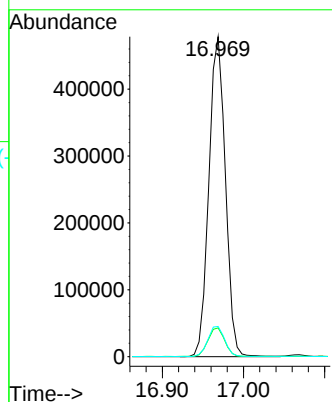
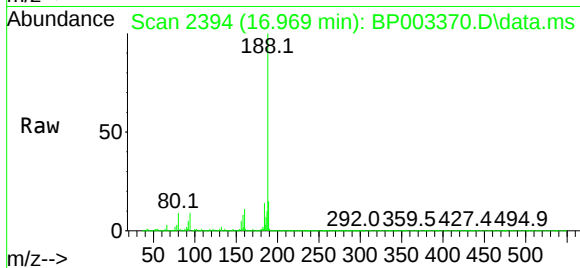




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.047 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

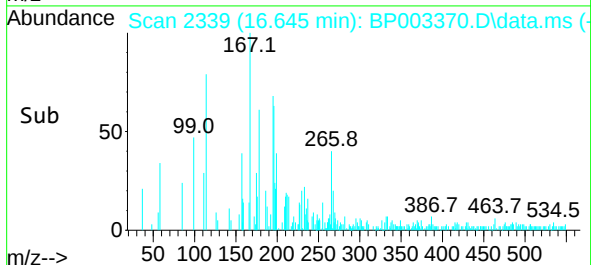
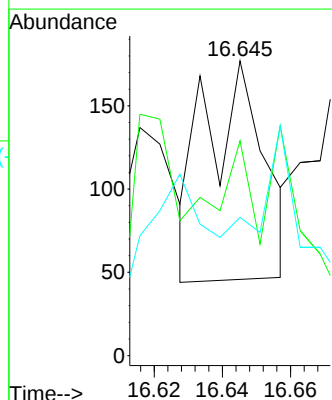
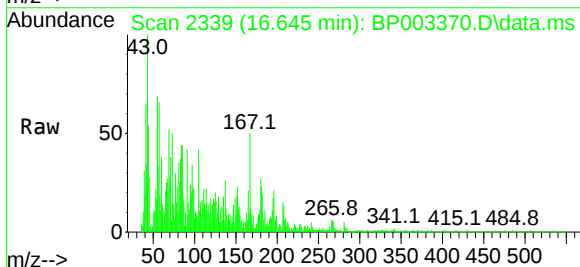
Instrument :
BNA_P
ClientSampleId :

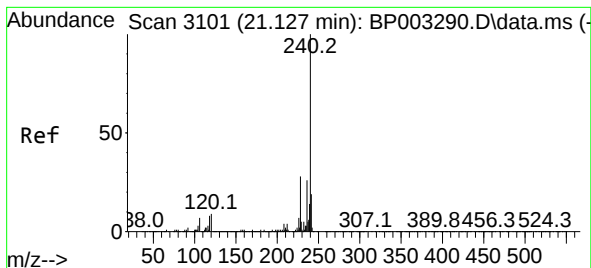
Tgt Ion:188 Resp: 674400
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 9.4 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.80 ng
RT: 16.645 min Scan# 2339
Delta R.T. -0.041 min
Lab File: BP003370.D
Acq: 24 Sep 2020 15:44

Tgt Ion:266 Resp: 157
Ion Ratio Lower Upper
266 100
268 72.9 51.1 76.7
264 46.9 50.6 76.0#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.068 min Scan# 3091

Delta R.T. -0.041 min

Lab File: BP003370.D

Acq: 24 Sep 2020 15:44

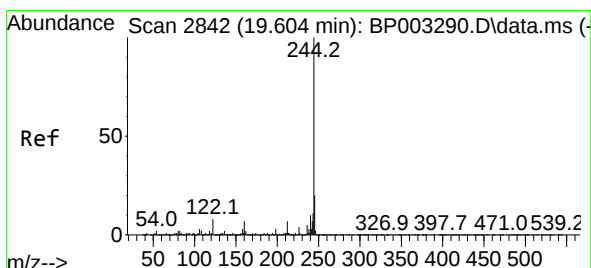
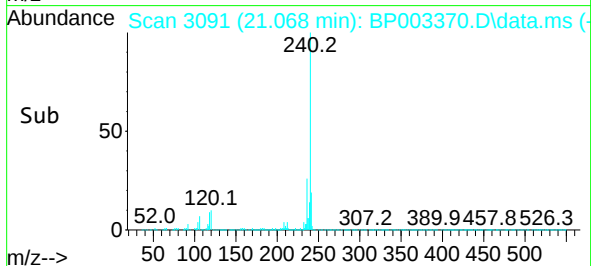
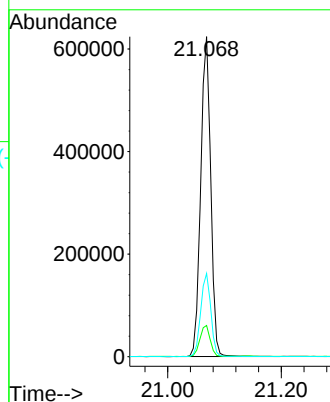
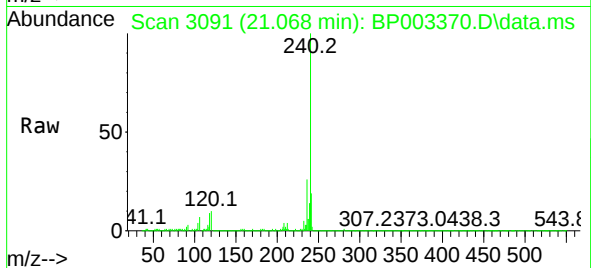
Tgt Ion:240 Resp: 764622

Ion Ratio Lower Upper

240 100

120 9.8 7.8 11.6

236 26.0 20.8 31.2



#79

Terphenyl-d14

Concen: 50.53 ng

RT: 19.551 min Scan# 2833

Delta R.T. -0.041 min

Lab File: BP003370.D

Acq: 24 Sep 2020 15:44

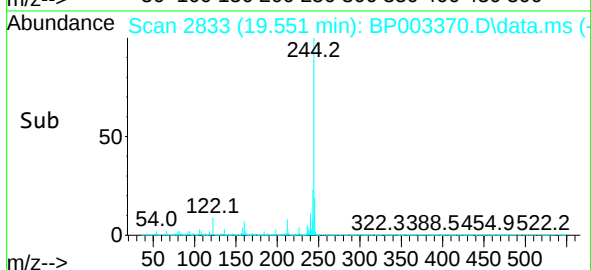
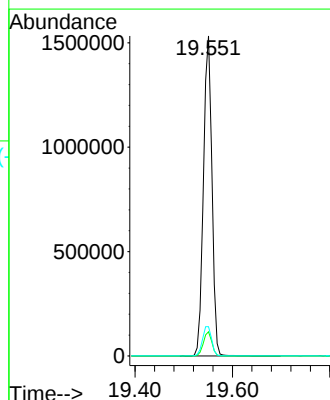
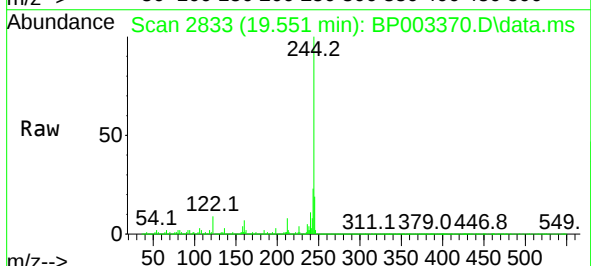
Tgt Ion:244 Resp: 1854223

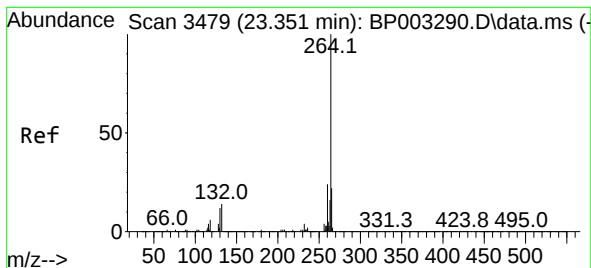
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

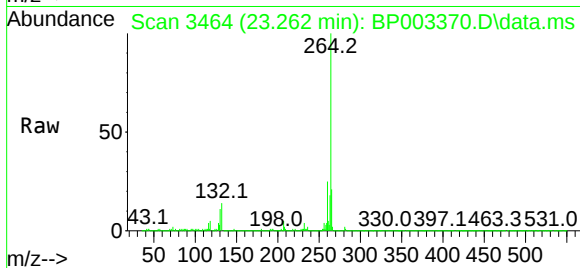
122 9.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.262 min Scan# 3464
 Delta R.T. -0.065 min
 Lab File: BP003370.D
 Acq: 24 Sep 2020 15:44

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 863571
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.1 17.4 26.2

