

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007824.D
 Acq On : 03 Nov 2021 15:56
 Operator : CG/JU
 Sample : M4427-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 04 07:27:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

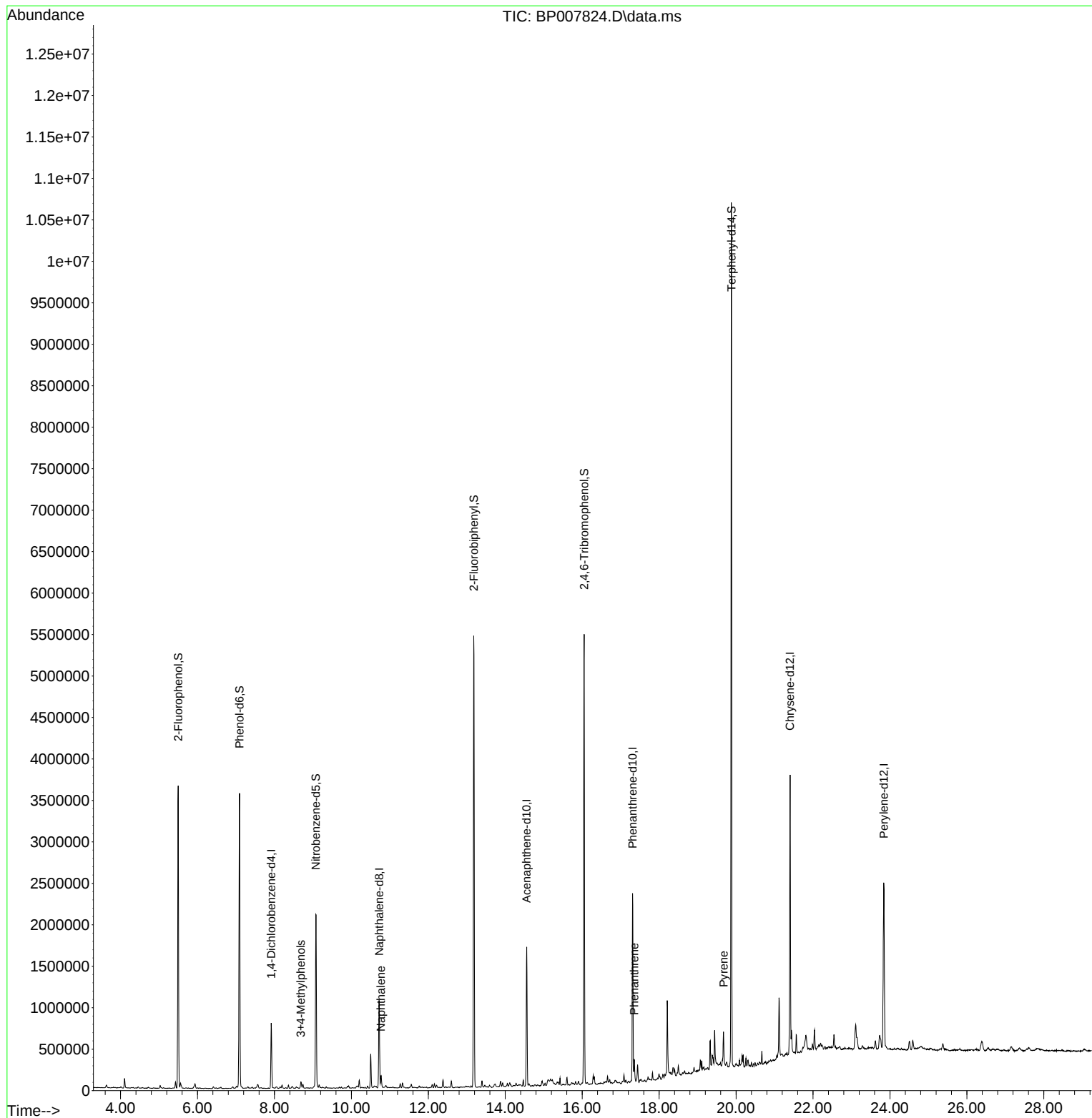
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	210401	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	856087	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	589821	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1360034	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1557704	20.000	ng	-0.01
86) Perylene-d12	23.839	264	1585257	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1603177	129.224	ng	0.00
7) Phenol-d6	7.093	99	2042730	113.759	ng	0.00
23) Nitrobenzene-d5	9.075	82	1241545	77.904	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1043812	124.004	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2872318	70.918	ng	-0.01
79) Terphenyl-d14	19.880	244	4977653	65.070	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	235	Below Cal	#	1
20) 3+4-Methylphenols	8.687	107	36292	2.176	ng	91
31) Naphthalene	10.769	128	108367	2.502	ng	98
71) Phenanthrene	17.351	178	177455	2.482	ng	98
78) Pyrene	19.675	202	211844	2.217	ng	99

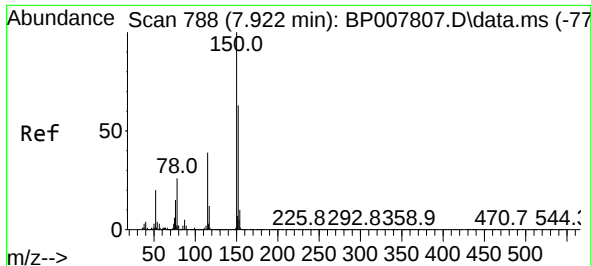
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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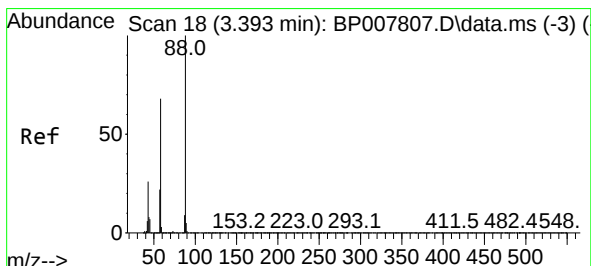
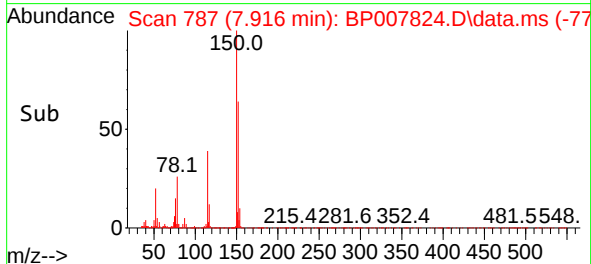
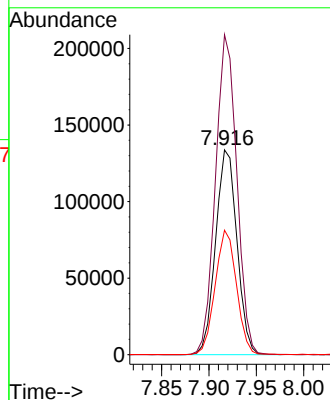
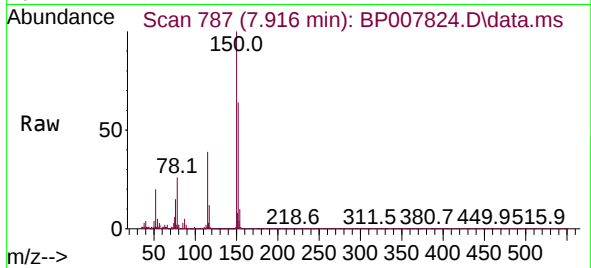




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP007824.D
 Acq: 03 Nov 2021 15:56

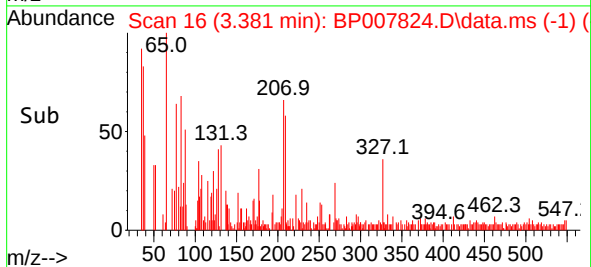
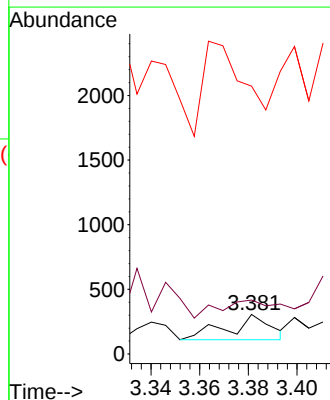
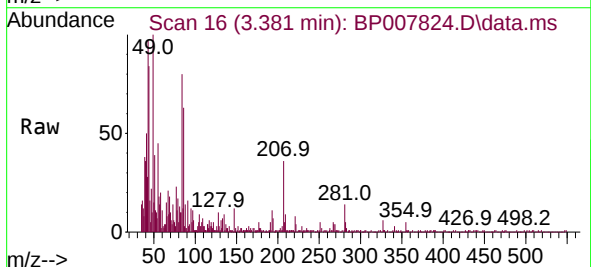
Instrument :
 BNA_P
 ClientSampleId :

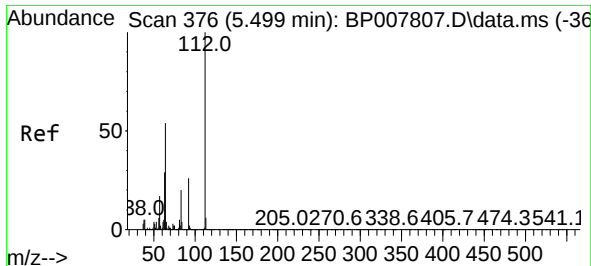
Tgt Ion:152 Resp: 210401
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.1 186.1
 115 60.8 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.381 min Scan# 16
 Delta R.T. -0.012 min
 Lab File: BP007824.D
 Acq: 03 Nov 2021 15:56

Tgt Ion: 88 Resp: 235
 Ion Ratio Lower Upper
 88 100
 58 106.0 58.1 87.1#
 43 369.4 22.2 33.4#

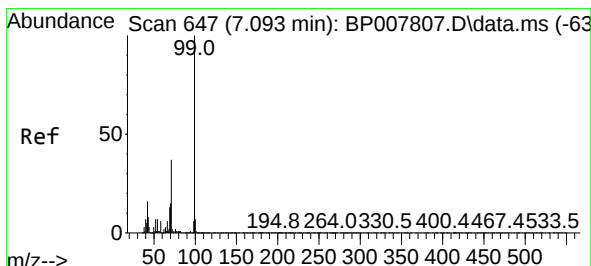
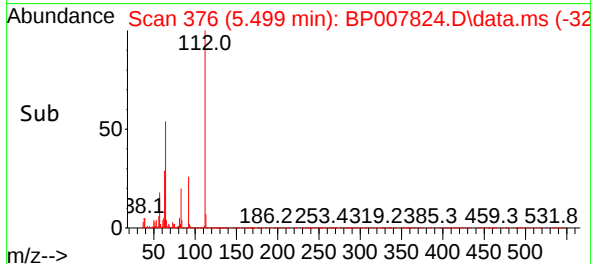
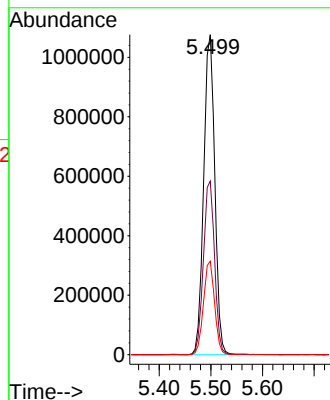
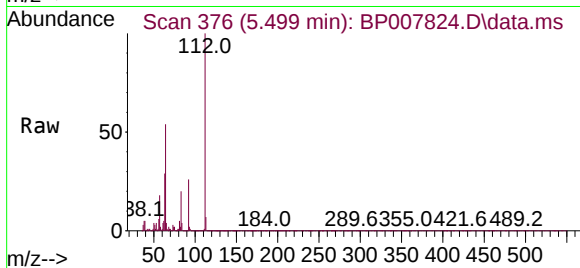




#5
2-Fluorophenol
Concen: 129.224 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

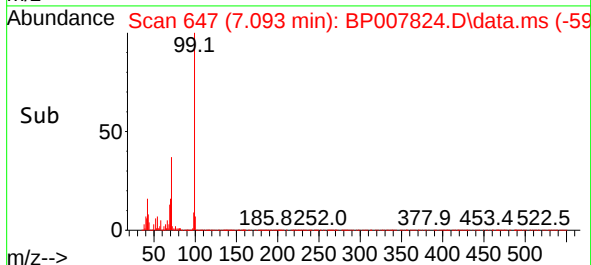
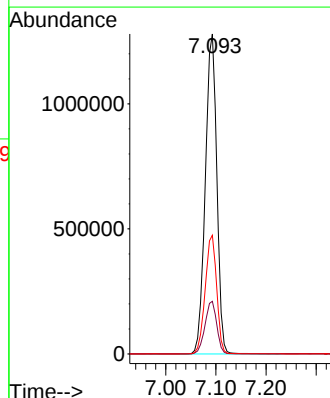
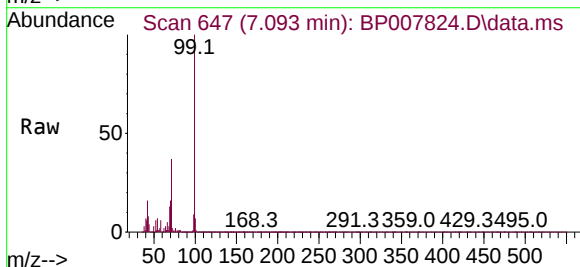
Instrument :
BNA_P
ClientSampleId :

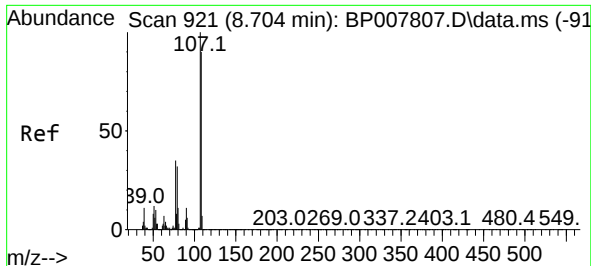
Tgt Ion:112 Resp: 1603177
Ion Ratio Lower Upper
112 100
64 54.2 46.6 70.0
63 29.2 25.0 37.6



#7
Phenol-d6
Concen: 113.759 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion: 99 Resp: 2042730
Ion Ratio Lower Upper
99 100
42 16.4 14.9 22.3
71 37.1 29.2 43.8

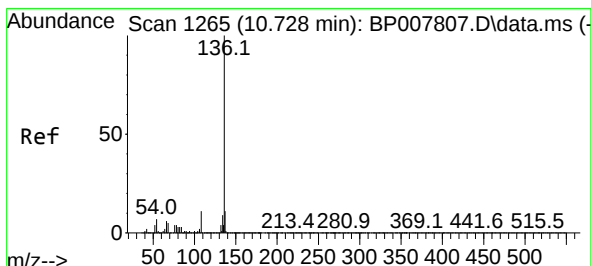
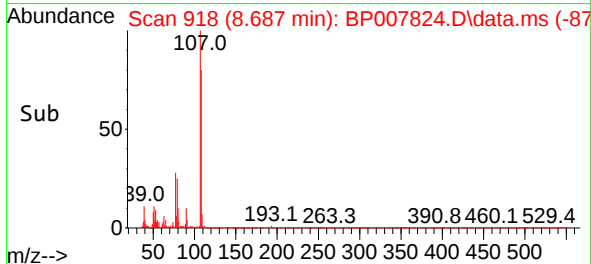
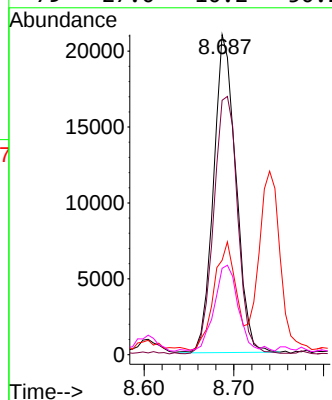
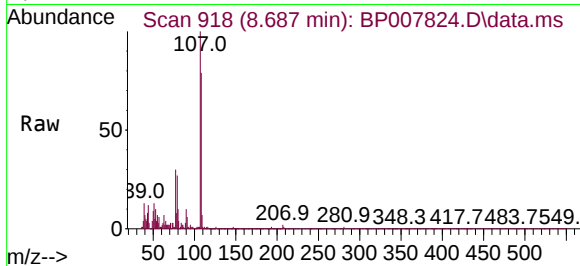




#20
3+4-Methylphenols
Concen: 2.176 ng
RT: 8.687 min Scan# 918
Delta R.T. -0.018 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

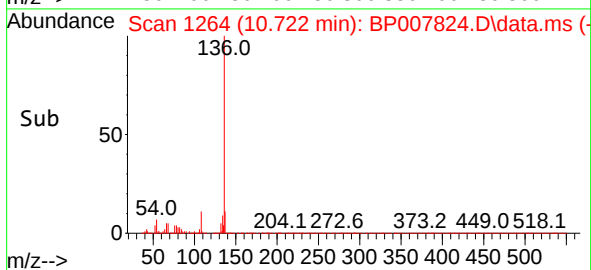
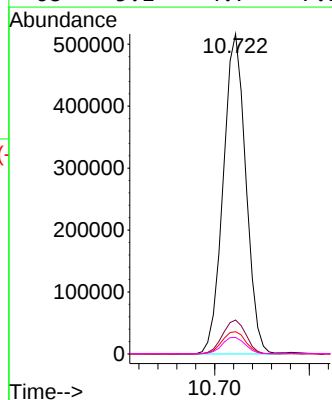
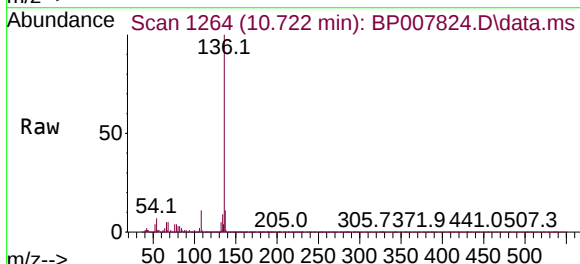
Instrument :
BNA_P
ClientSampleId :

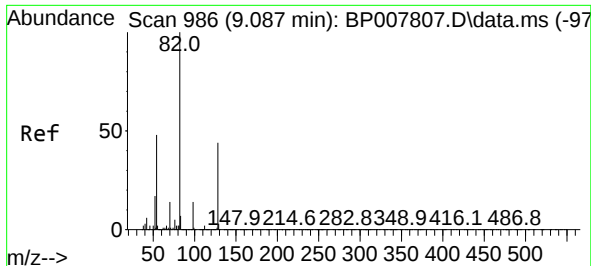
Tgt Ion:107	Resp:	36292
Ion Ratio	Lower	Upper
107	100	
108	79.5	69.2 109.2
77	29.5	13.8 53.8
79	27.0	10.2 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:136	Resp:	856087
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	7.0	6.2 9.4
68	5.1	4.7 7.1

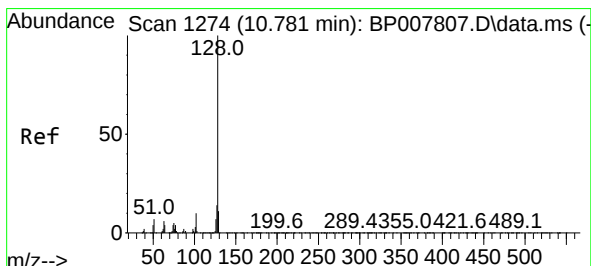
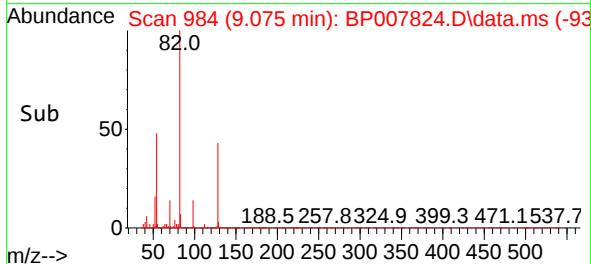
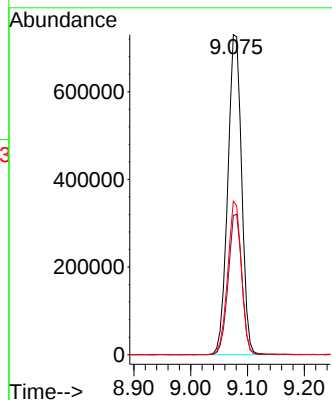
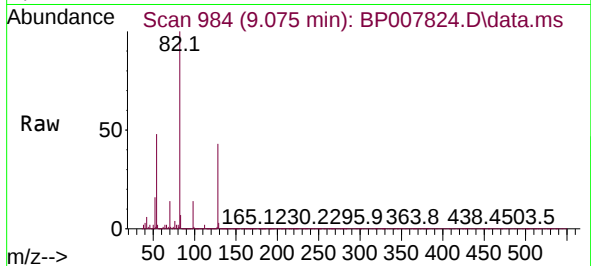




#23
Nitrobenzene-d5
Concen: 77.904 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

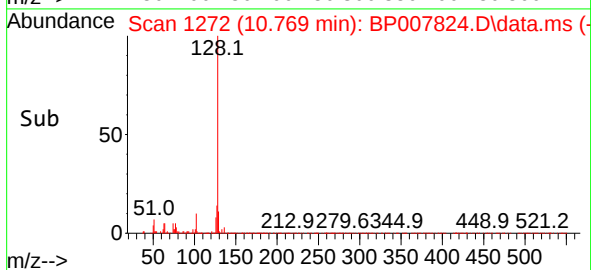
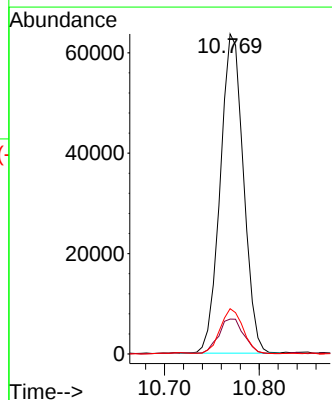
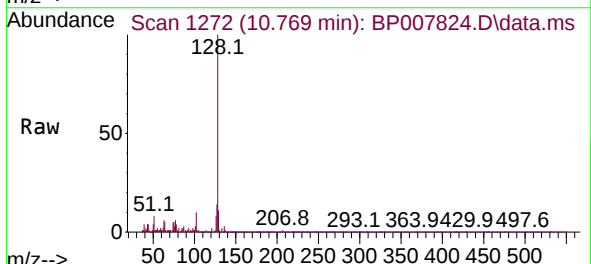
Instrument :
BNA_P
ClientSampleId :

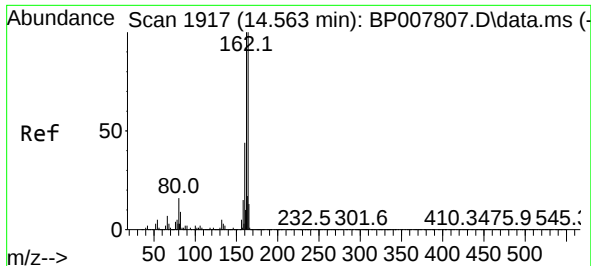
Tgt Ion: 82 Resp: 1241545
Ion Ratio Lower Upper
82 100
128 43.5 32.6 48.8
54 47.9 40.4 60.6



#31
Naphthalene
Concen: 2.502 ng
RT: 10.769 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion: 128 Resp: 108367
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 14.2 10.2 15.4

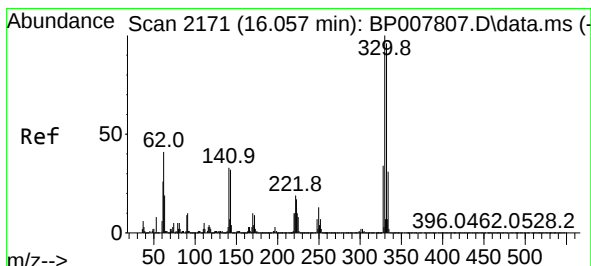
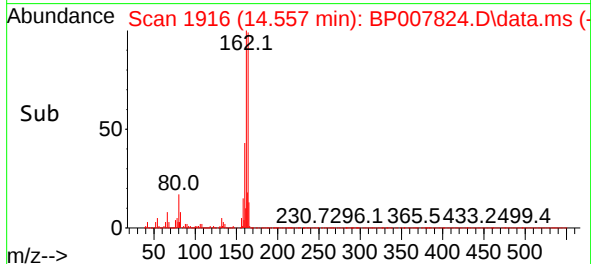
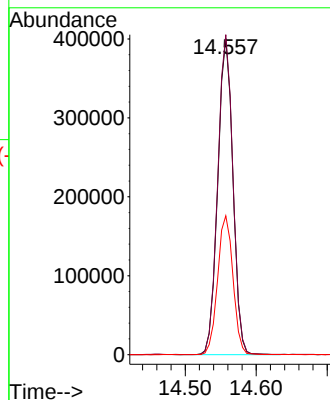
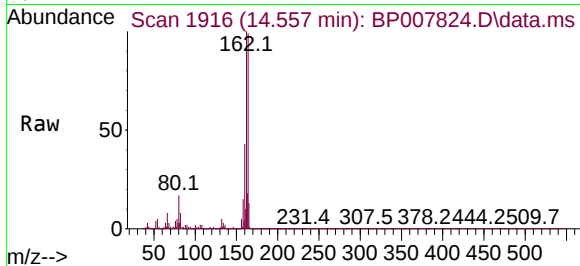




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

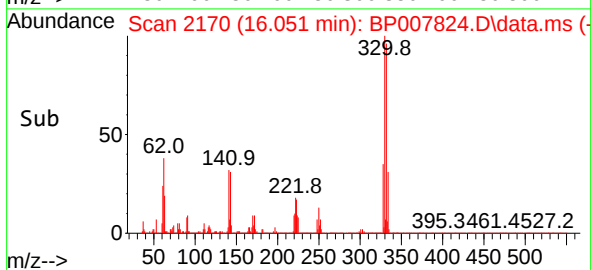
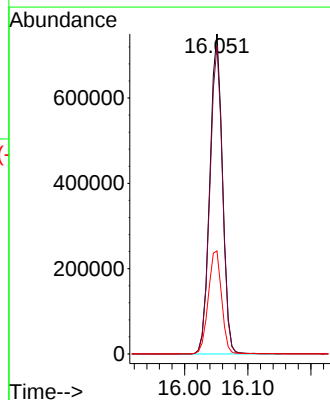
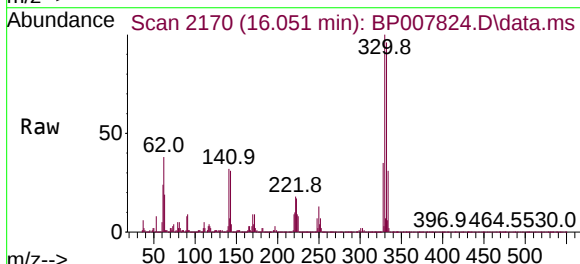
Instrument :
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ClientSampleId :

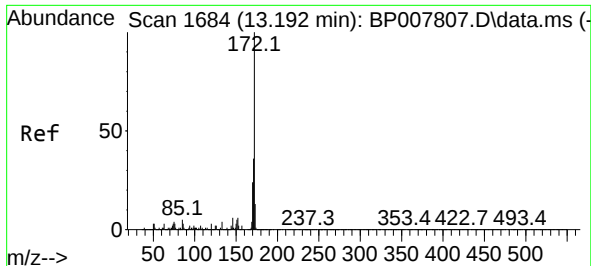
Tgt Ion:164 Resp: 589821
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 43.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 124.004 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:330 Resp: 1043812
Ion Ratio Lower Upper
330 100
332 96.3 78.9 118.3
141 33.8 30.7 46.1

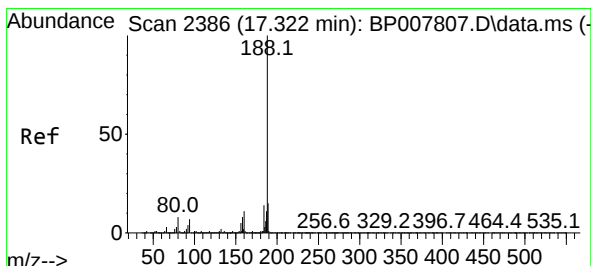
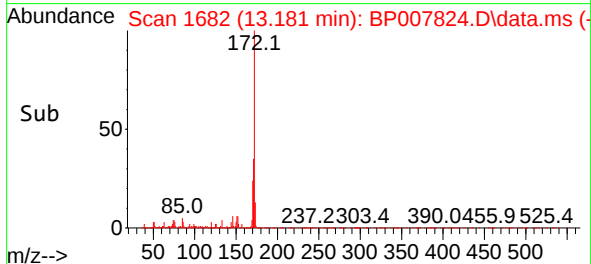
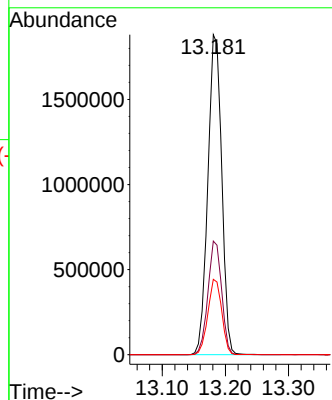
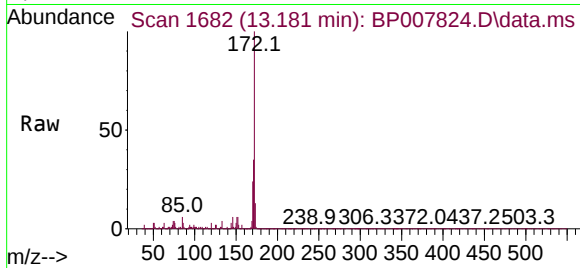




#45
2-Fluorobiphenyl
Concen: 70.918 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

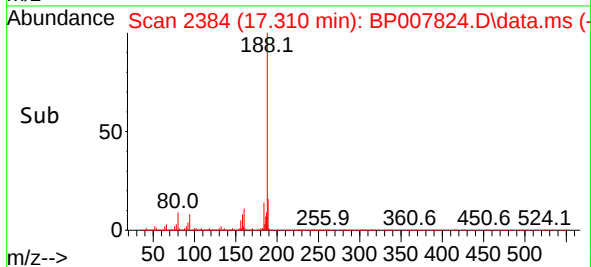
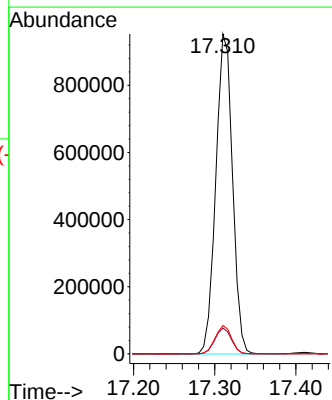
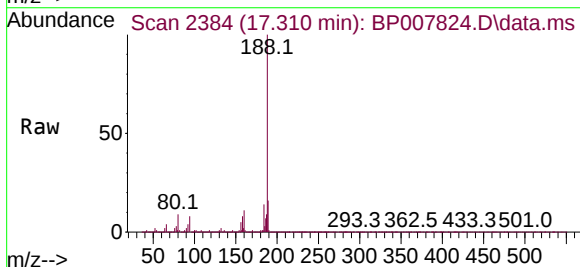
Instrument :
BNA_P
ClientSampleId :

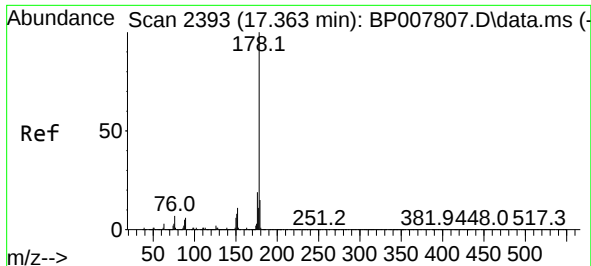
Tgt Ion:172 Resp: 2872318
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:188 Resp: 1360034
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.9 7.8 11.6

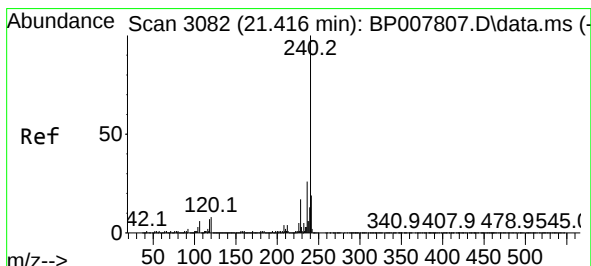
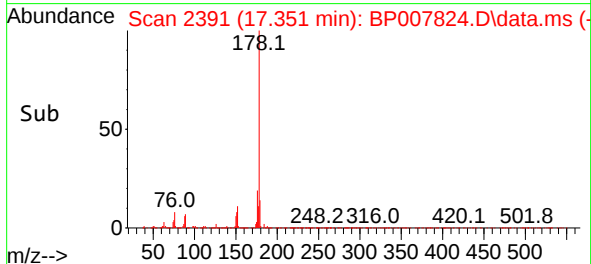
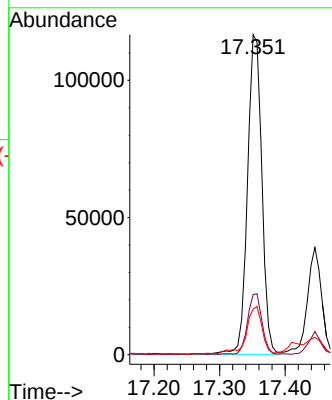
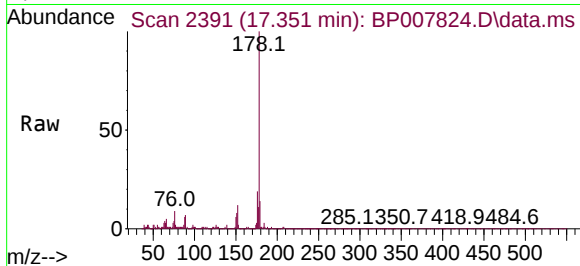




#71
Phenanthrene
Concen: 2.482 ng
RT: 17.351 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

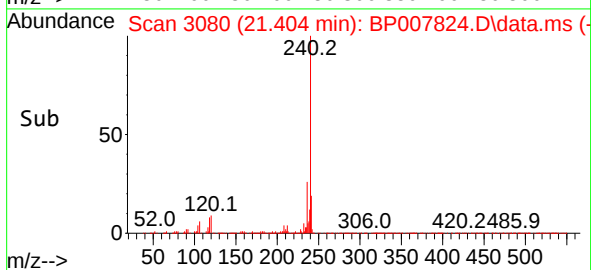
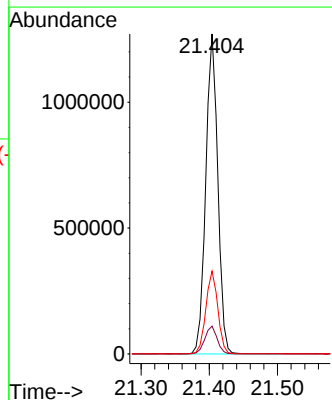
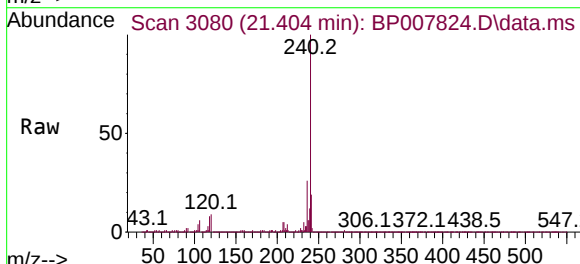
Instrument :
BNA_P
ClientSampleId :

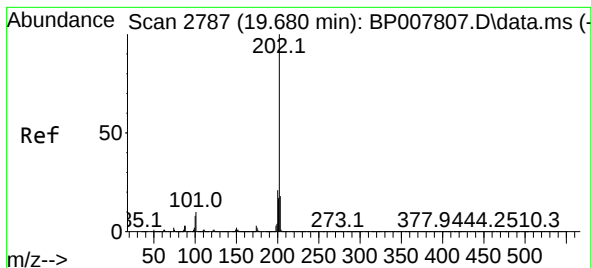
Tgt Ion:178 Resp: 177455
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 14.3 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:240 Resp: 1557704
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.8
236 25.9 20.6 30.8





#78

Pyrene

Concen: 2.217 ng

RT: 19.675 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP007824.D

Acq: 03 Nov 2021 15:56

Instrument :

BNA_P

ClientSampleId :

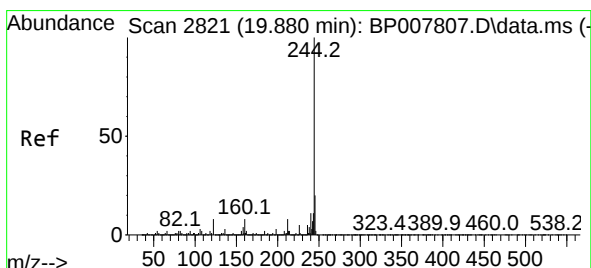
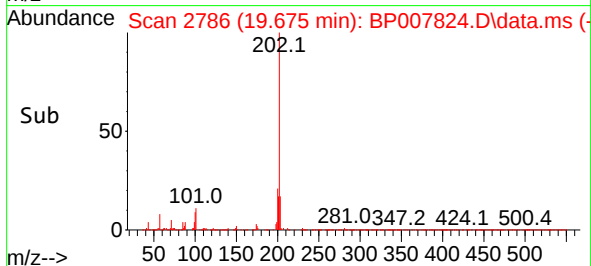
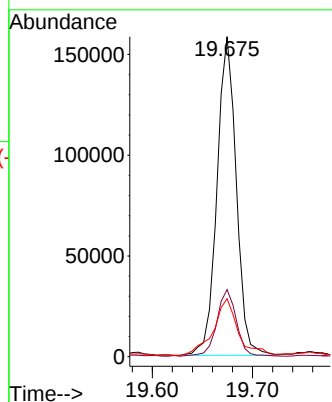
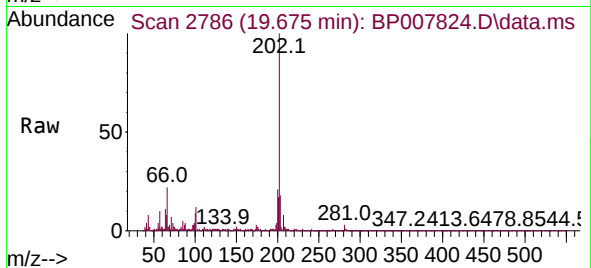
Tgt Ion:202 Resp: 211844

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 18.1 13.8 20.6



#79

Terphenyl-d14

Concen: 65.070 ng

RT: 19.880 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BP007824.D

Acq: 03 Nov 2021 15:56

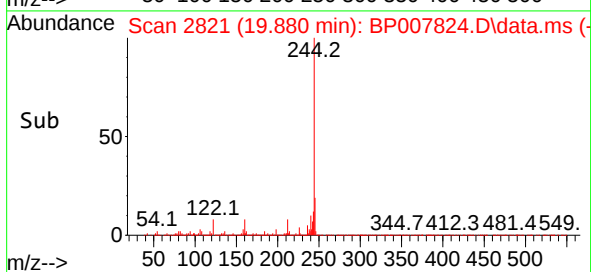
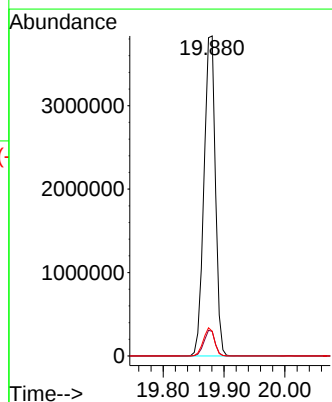
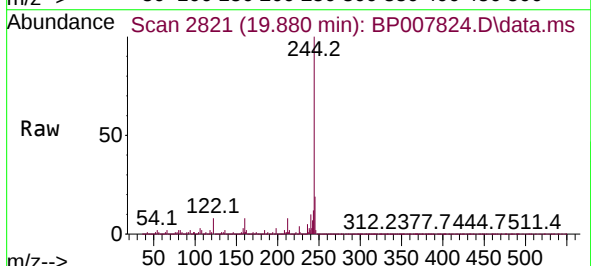
Tgt Ion:244 Resp: 4977653

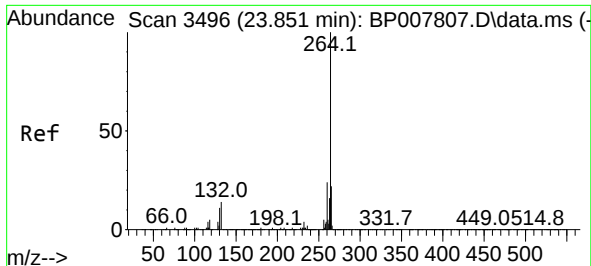
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

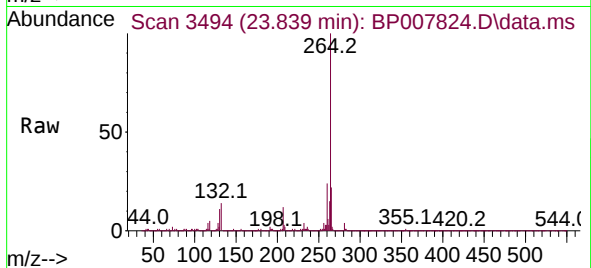
122 7.7 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 1585257

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	16.7	25.1

