

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007831.D
 Acq On : 03 Nov 2021 19:53
 Operator : CG/JU
 Sample : M4433-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 04 07:31:31 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)

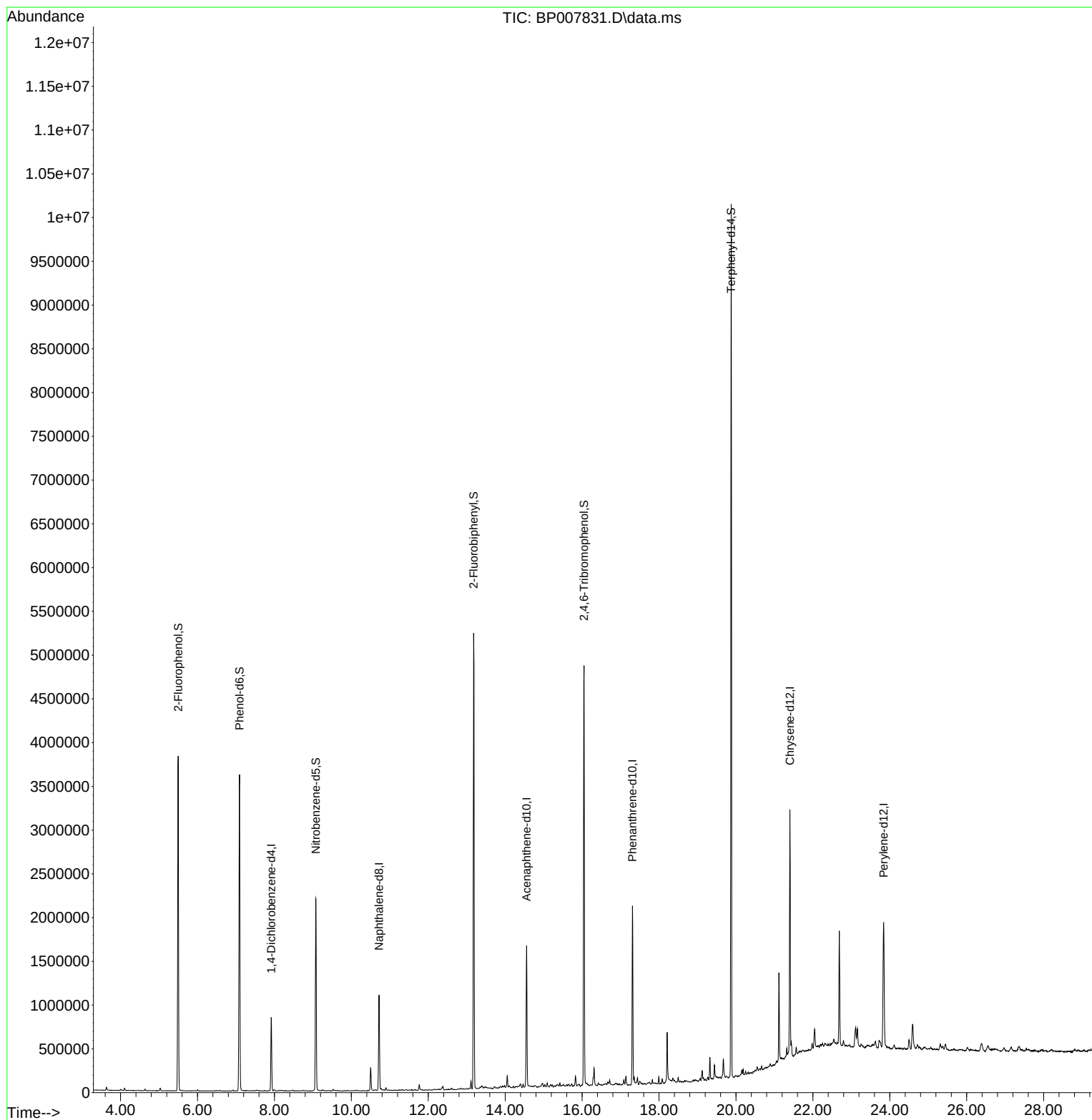
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	220431	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	900100	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	561740	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1216942	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1353623	20.000	ng	-0.01
86) Perylene-d12	23.839	264	1145335	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1679849	129.243	ng	0.00
7) Phenol-d6	7.093	99	2073472	110.217	ng	0.00
23) Nitrobenzene-d5	9.075	82	1297631	77.442	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	922418	115.060	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2744728	71.155	ng	-0.01
79) Terphenyl-d14	19.875	244	4561192	68.615	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.358	88	66	Below Cal	Qvalue #	1

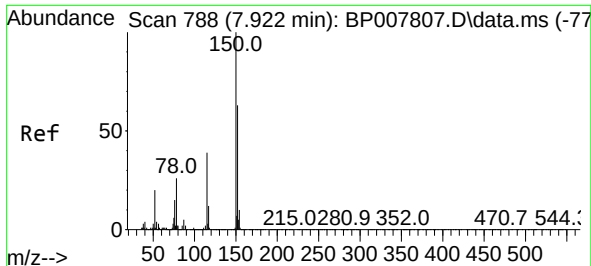
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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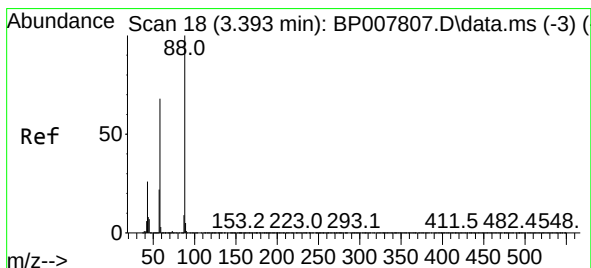
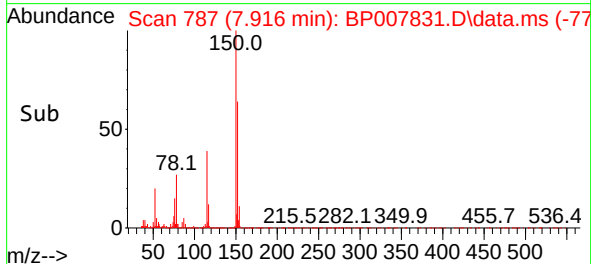
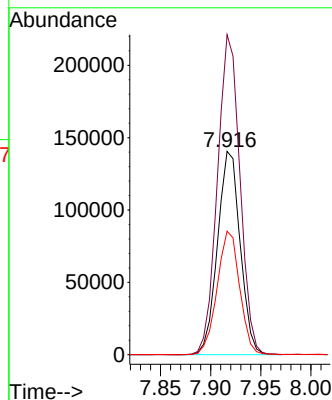
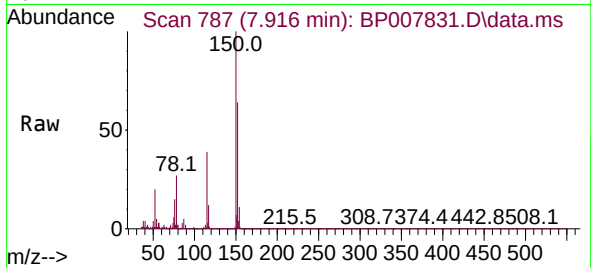




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP007831.D
 Acq: 03 Nov 2021 19:53

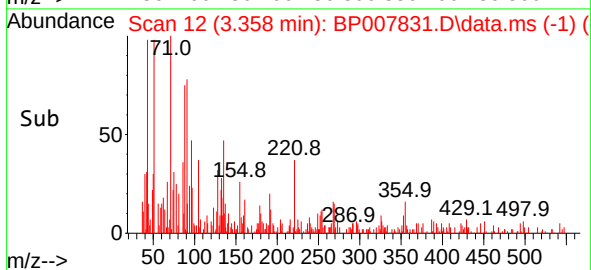
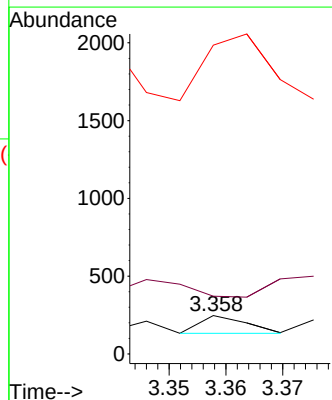
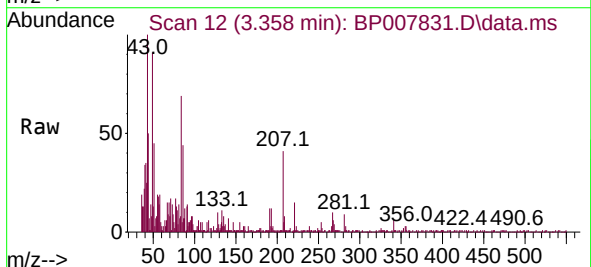
Instrument :
 BNA_P
 ClientSampleId :

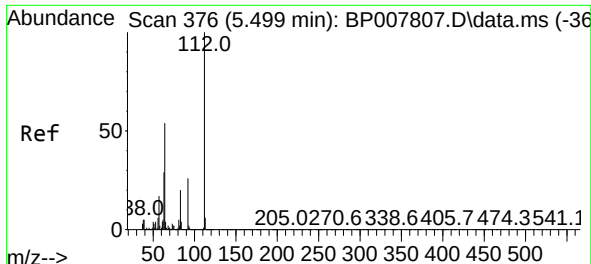
Tgt Ion:152 Resp: 220431
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.1 186.1
 115 60.8 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.358 min Scan# 12
 Delta R.T. -0.035 min
 Lab File: BP007831.D
 Acq: 03 Nov 2021 19:53

Tgt Ion: 88 Resp: 66
 Ion Ratio Lower Upper
 88 100
 58 412.1 58.1 87.1#
 43 722.7 22.2 33.4#

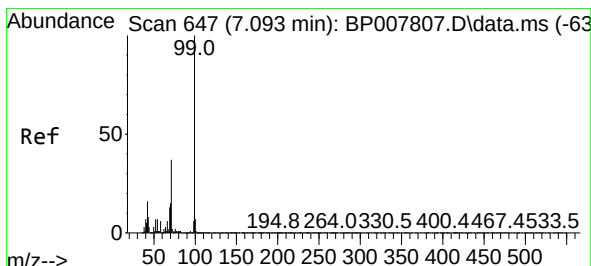
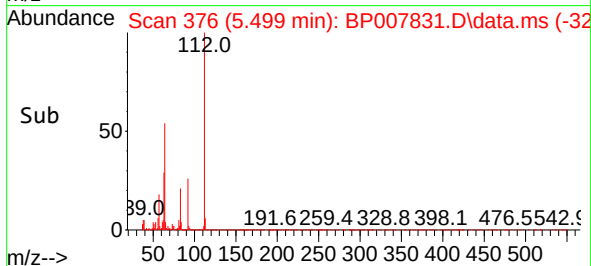
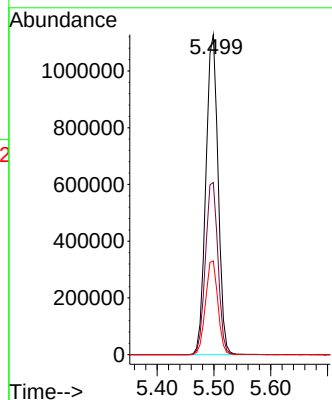
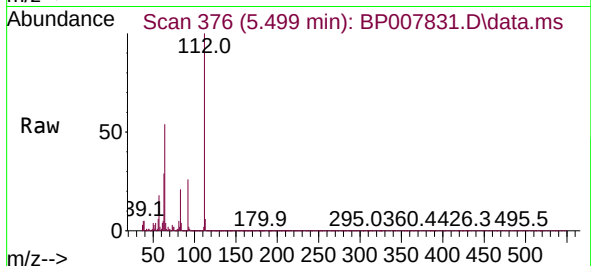




#5
2-Fluorophenol
Concen: 129.243 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

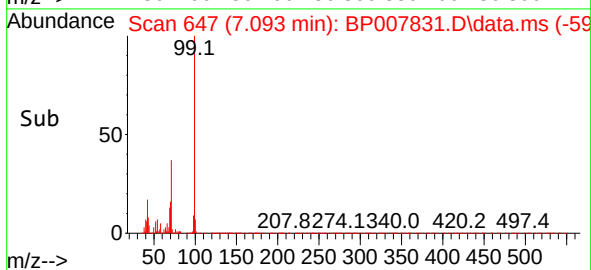
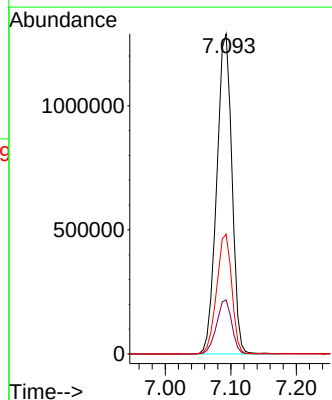
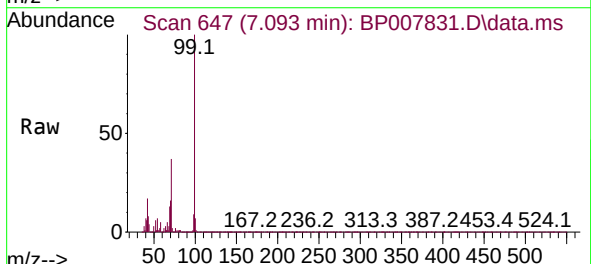
Instrument :
BNA_P
ClientSampleId :

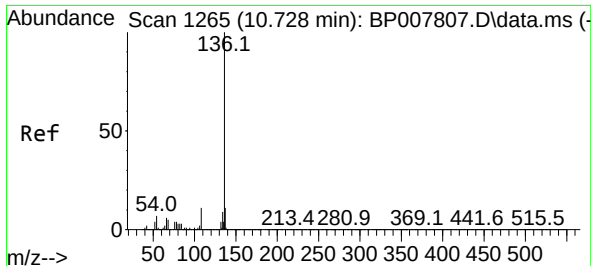
Tgt Ion:112 Resp: 1679849
Ion Ratio Lower Upper
112 100
64 53.8 46.6 70.0
63 29.3 25.0 37.6



#7
Phenol-d6
Concen: 110.217 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

Tgt Ion: 99 Resp: 2073472
Ion Ratio Lower Upper
99 100
42 16.9 14.9 22.3
71 37.4 29.2 43.8

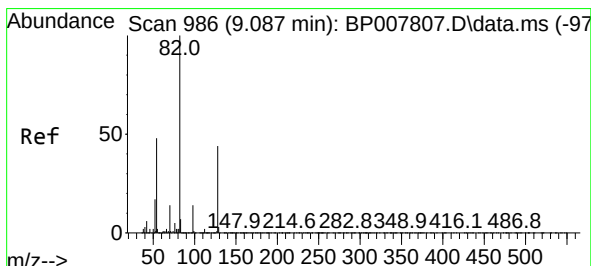
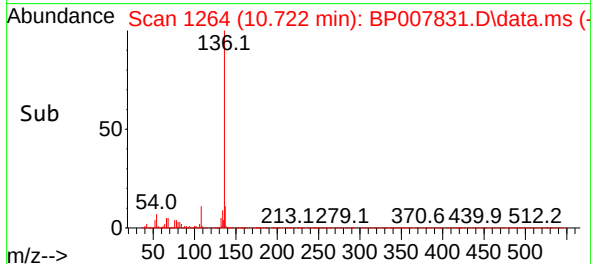
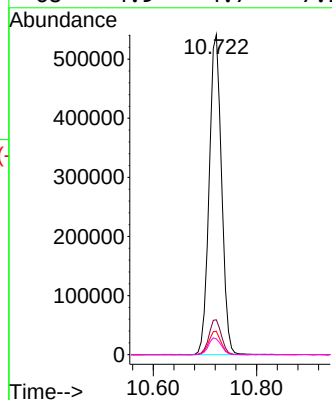
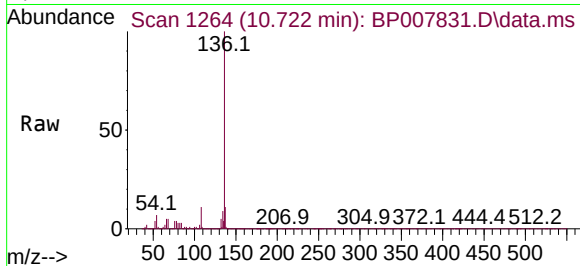




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

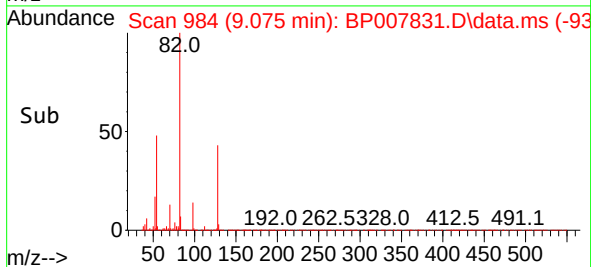
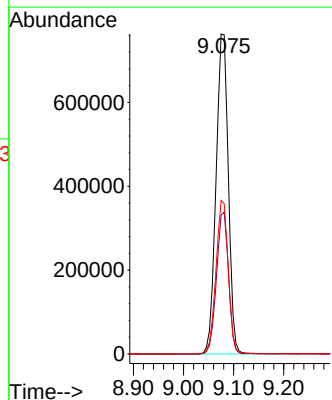
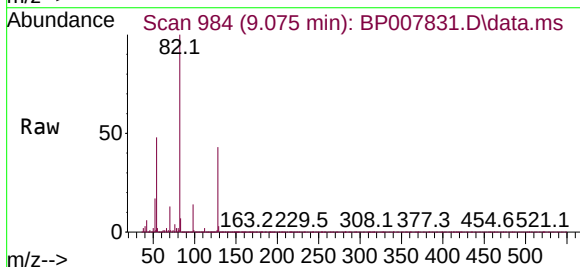
Instrument :
BNA_P
ClientSampleId :

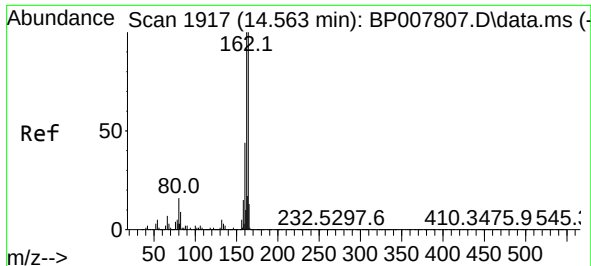
Tgt Ion:136 Resp: 900100
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 6.2 9.4
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 77.442 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

Tgt Ion: 82 Resp: 1297631
Ion Ratio Lower Upper
82 100
128 43.4 32.6 48.8
54 47.9 40.4 60.6

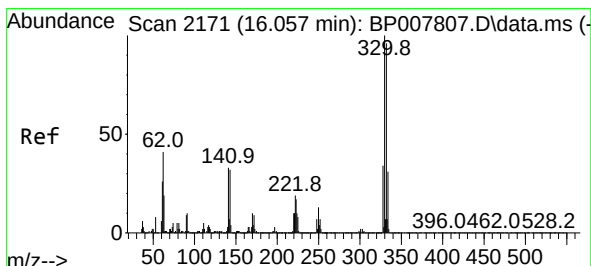
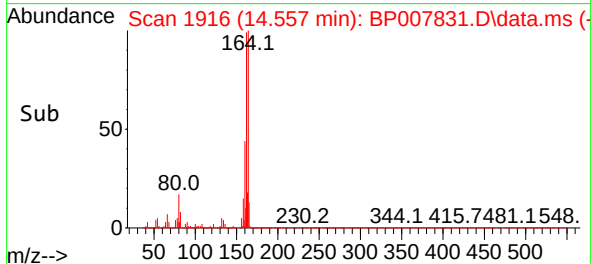
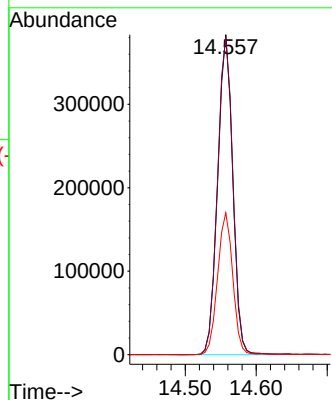
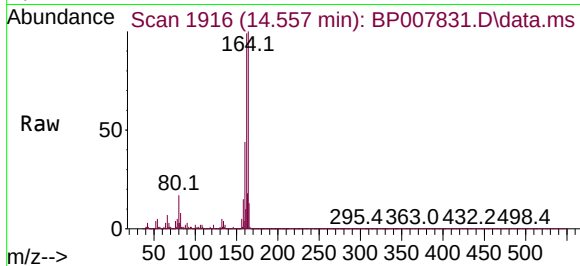




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

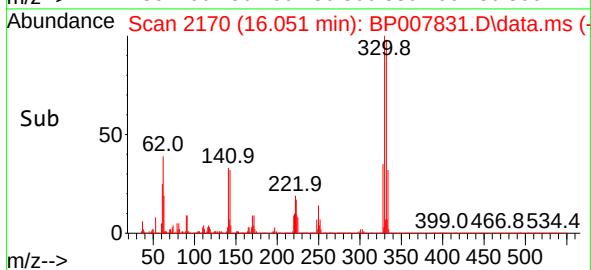
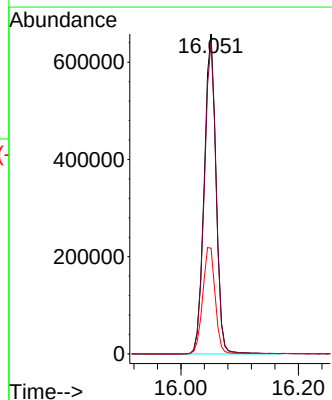
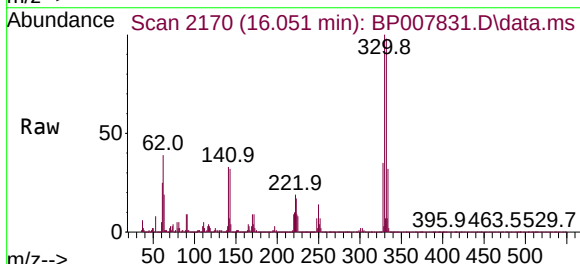
Instrument :
BNA_P
ClientSampleId :

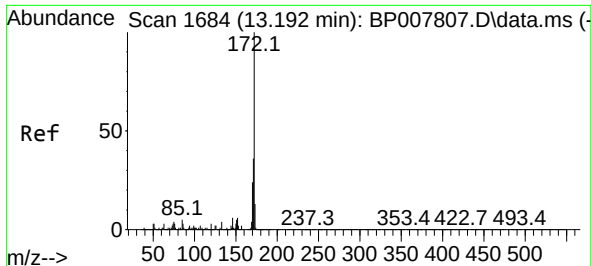
Tgt Ion:164 Resp: 561740
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 44.3 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 115.060 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

Tgt Ion:330 Resp: 922418
Ion Ratio Lower Upper
330 100
332 96.9 78.9 118.3
141 34.8 30.7 46.1

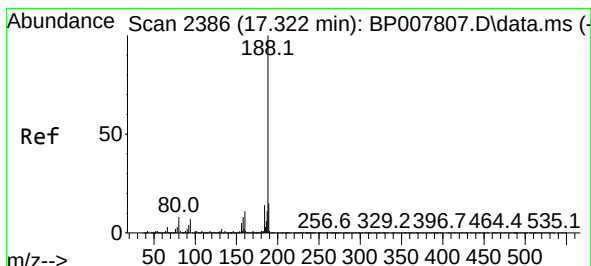
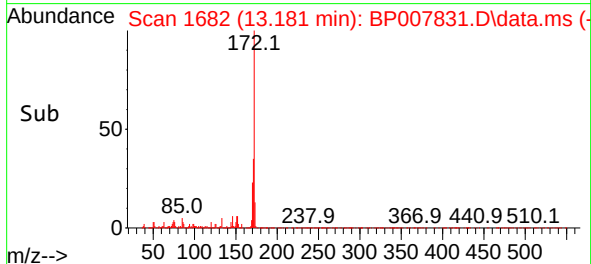
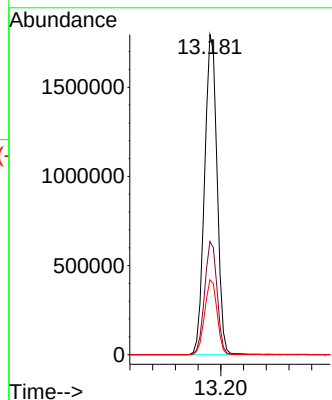
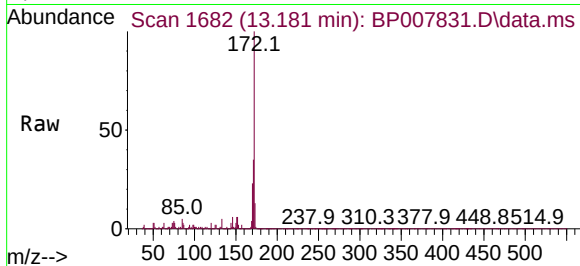




#45
2-Fluorobiphenyl
Concen: 71.155 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

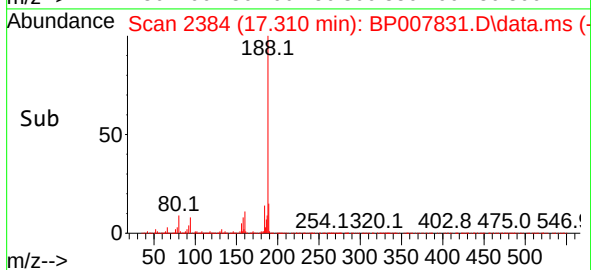
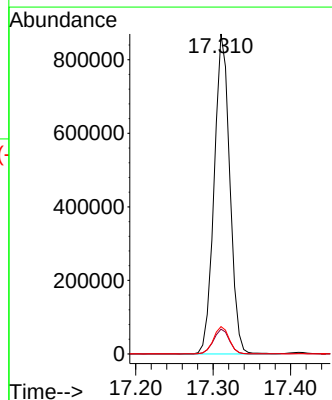
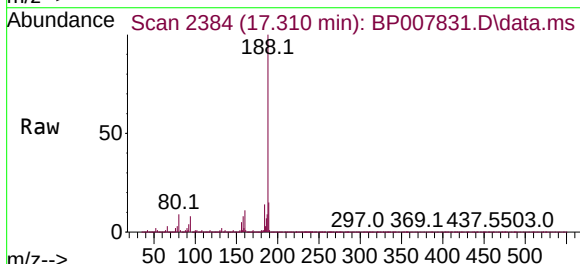
Instrument :
BNA_P
ClientSampleId :

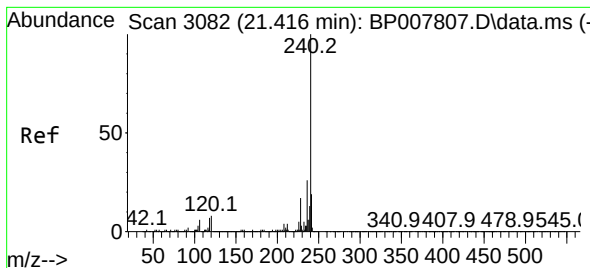
Tgt Ion:172 Resp: 2744728
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007831.D
Acq: 03 Nov 2021 19:53

Tgt Ion:188 Resp: 1216942
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.6 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3080

Delta R.T. -0.012 min

Lab File: BP007831.D

Acq: 03 Nov 2021 19:53

Instrument :

BNA_P

ClientSampleId :

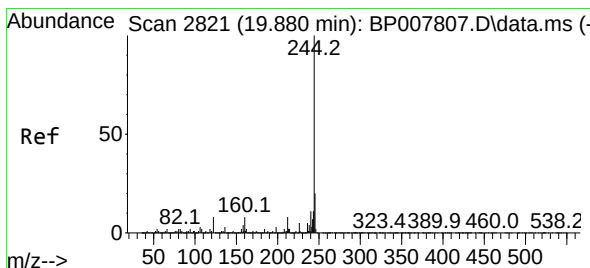
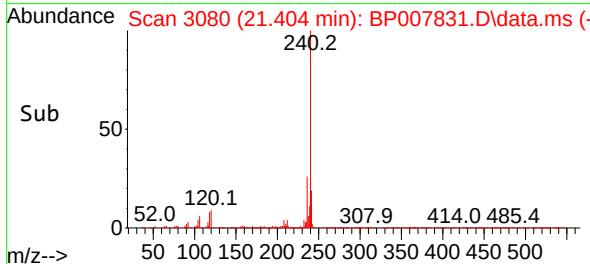
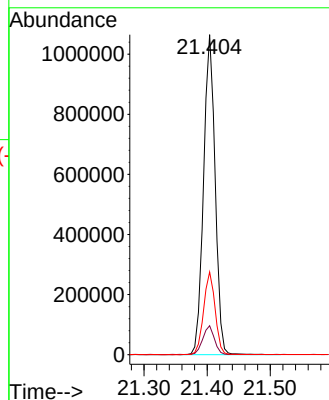
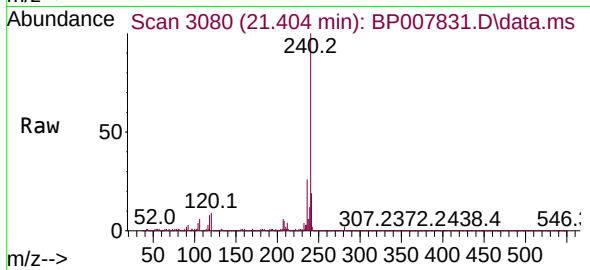
Tgt Ion:240 Resp: 1353623

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.8

236 25.9 20.6 30.8



#79

Terphenyl-d14

Concen: 68.615 ng

RT: 19.875 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP007831.D

Acq: 03 Nov 2021 19:53

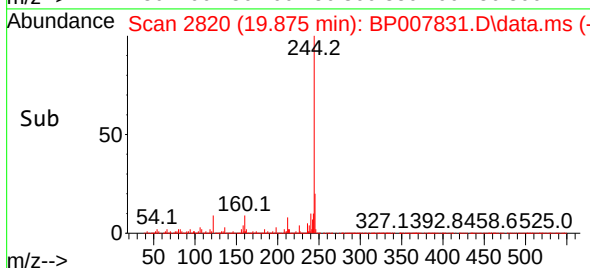
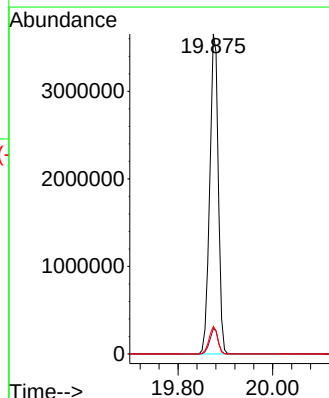
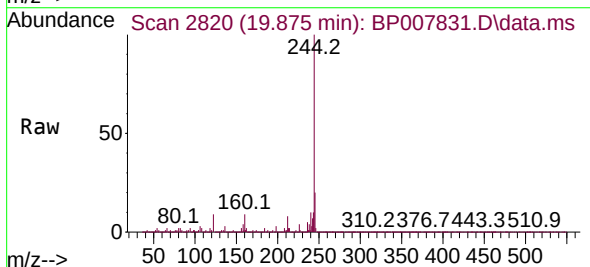
Tgt Ion:244 Resp: 4561192

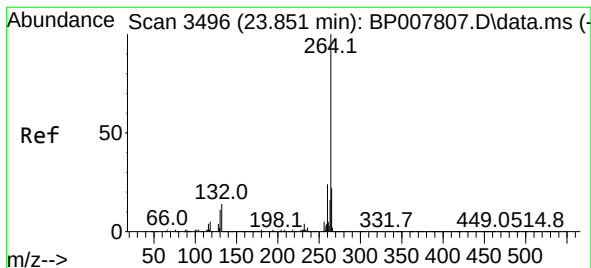
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 8.6 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 34

Delta R.T. -0.012 min

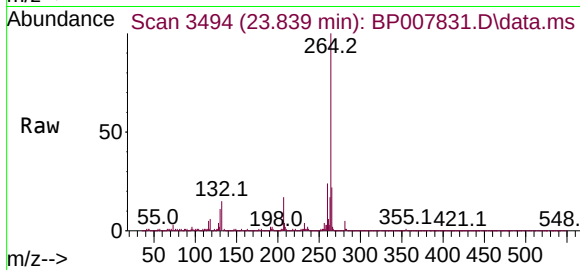
Lab File: BP007831.D

Acq: 03 Nov 2021 19:53

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 1145335

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.3 16.7 25.1

