

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007835.D
 Acq On : 03 Nov 2021 22:08
 Operator : CG/JU
 Sample : M4439-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 04 07:33:05 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)

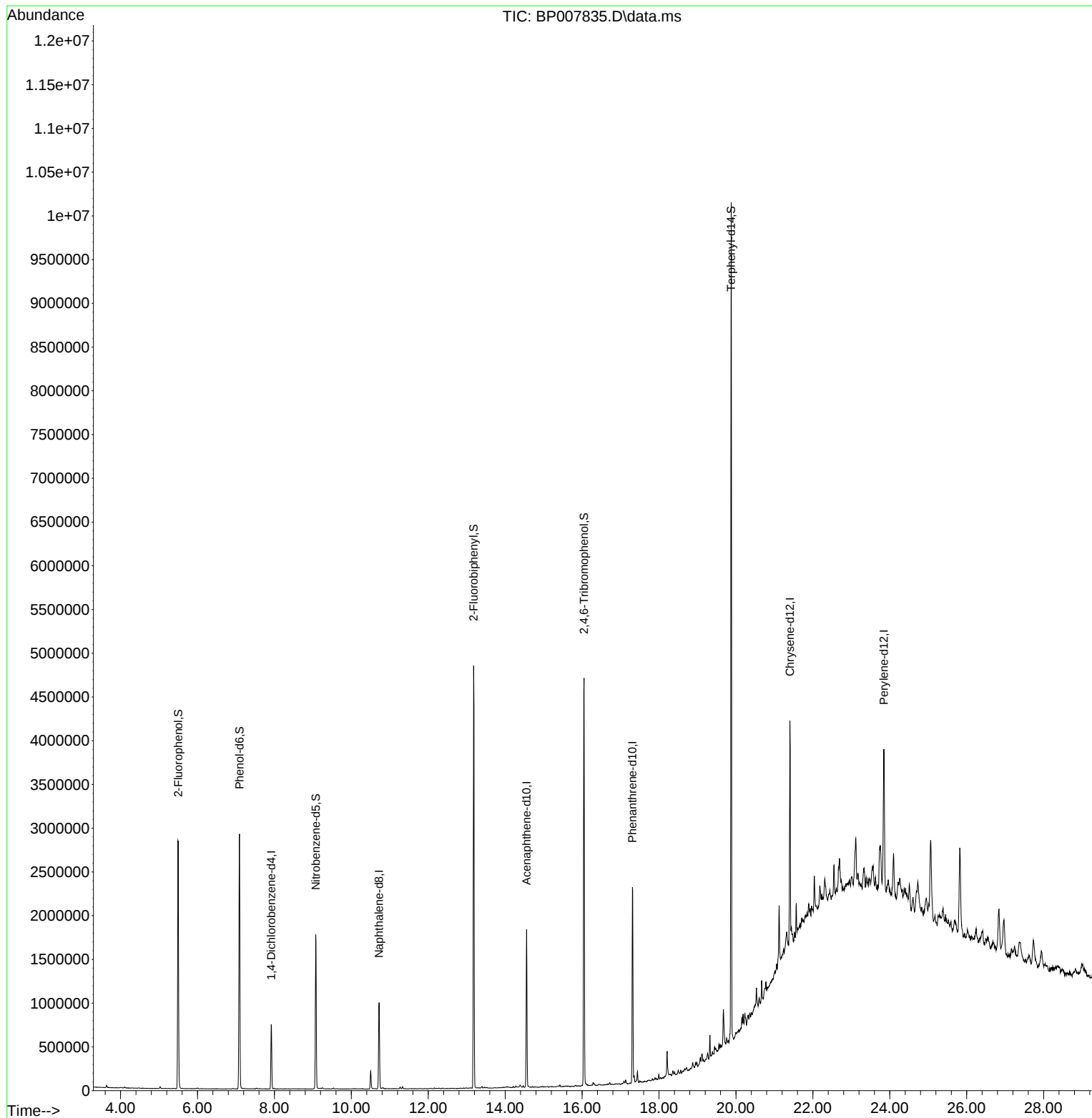
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	208901	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	842983	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	604016	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1413334	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1278708	20.000	ng	-0.01
86) Perylene-d12	23.845	264	1206651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1321810	107.309	ng	0.00
7) Phenol-d6	7.093	99	1726534	96.840	ng	0.00
23) Nitrobenzene-d5	9.075	82	1039903	66.266	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	891806	103.456	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2473070	59.625	ng	-0.01
79) Terphenyl-d14	19.874	244	4459316	71.013	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.381	88	155	Below Cal	Qvalue #	23

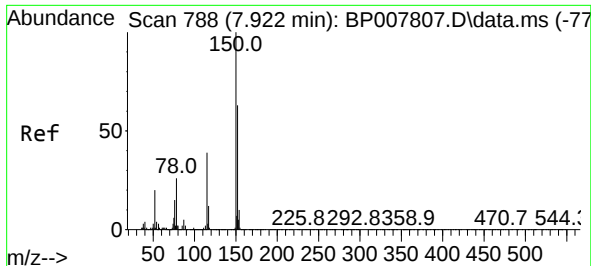
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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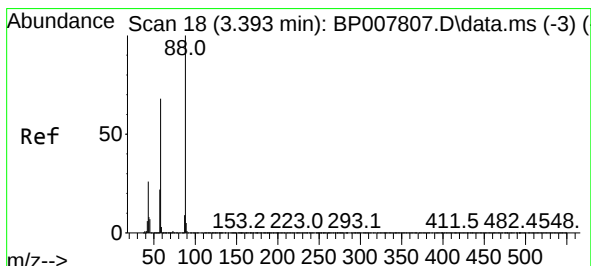
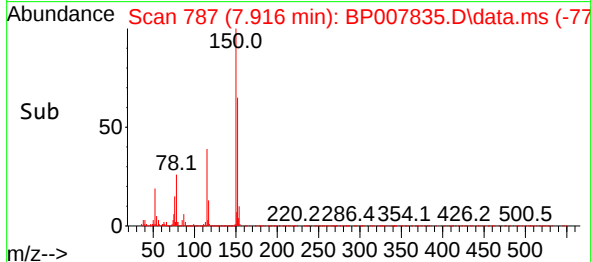
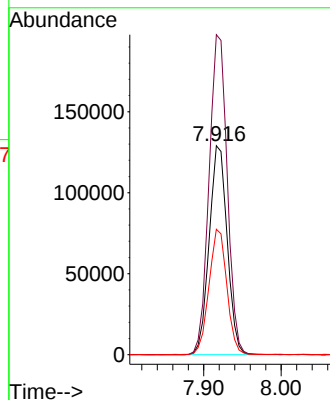
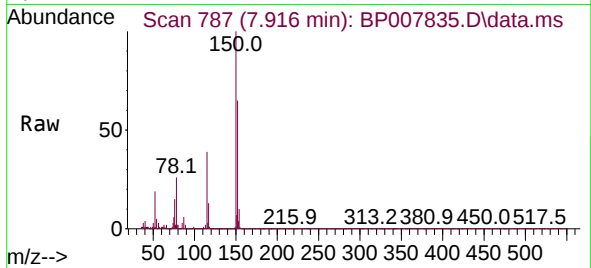




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP007835.D
 Acq: 03 Nov 2021 22:08

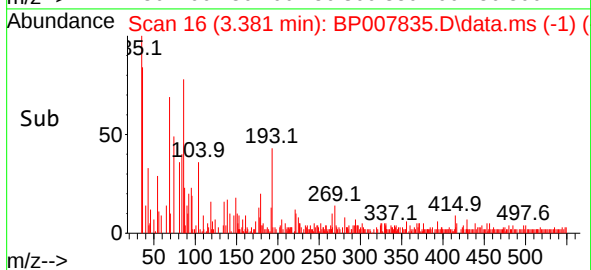
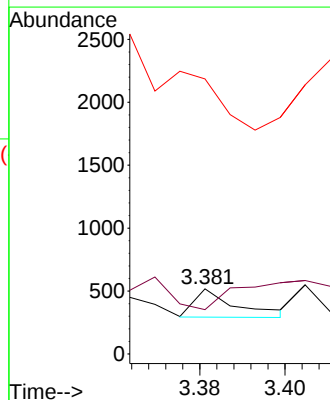
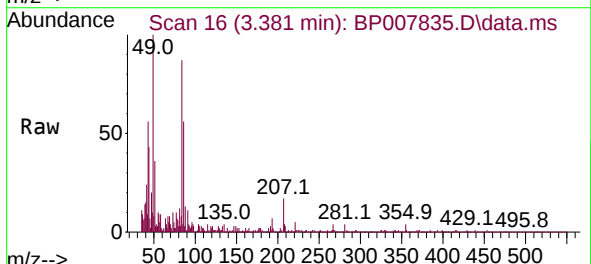
Instrument :
 BNA_P
 ClientSampleId :

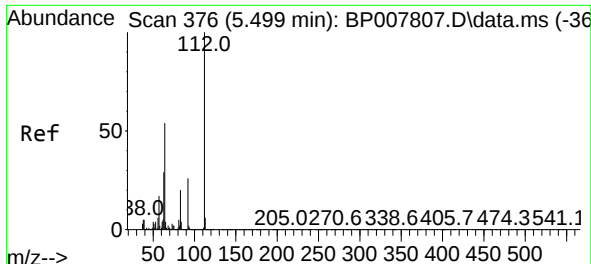
Tgt Ion:152 Resp: 208901
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.1 186.1
 115 60.0 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.381 min Scan# 16
 Delta R.T. -0.012 min
 Lab File: BP007835.D
 Acq: 03 Nov 2021 22:08

Tgt Ion: 88 Resp: 155
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 0.0 22.2 33.4#

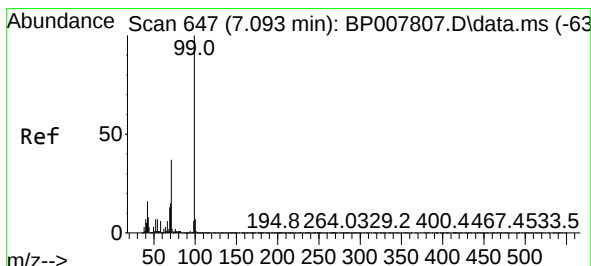
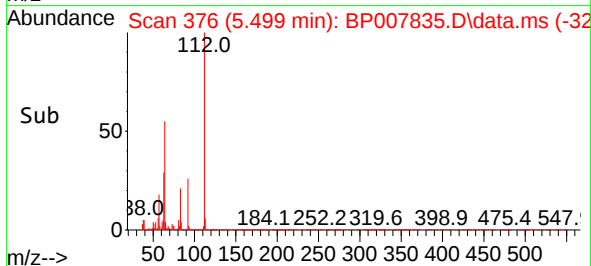
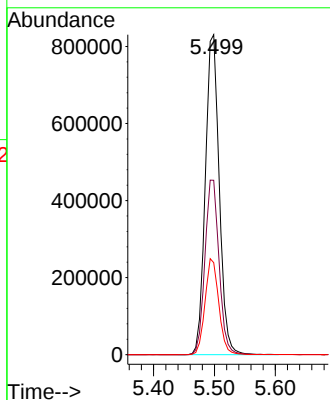
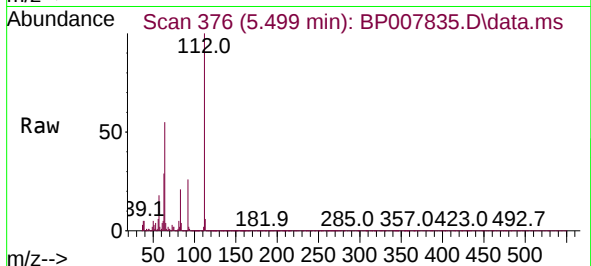




#5
2-Fluorophenol
Concen: 107.309 ng
RT: 5.499 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

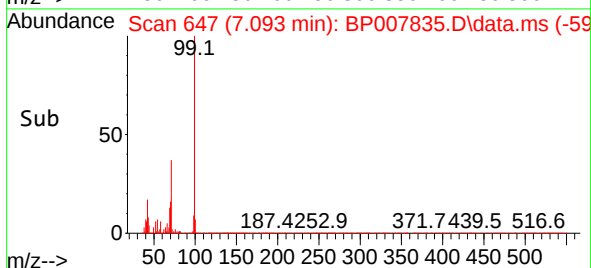
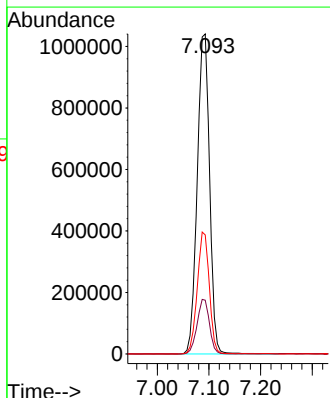
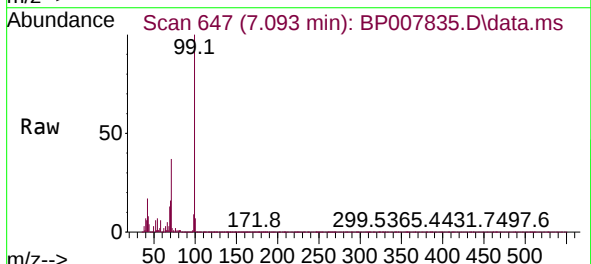
Instrument :
BNA_P
ClientSampleId :

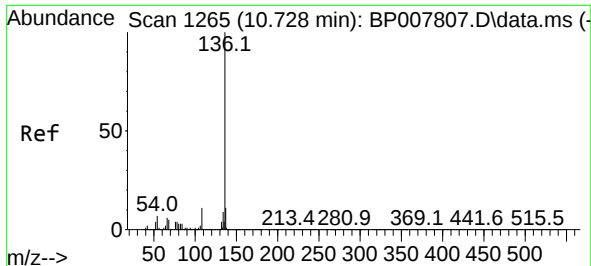
Tgt Ion:112 Resp: 1321810
Ion Ratio Lower Upper
112 100
64 54.5 46.6 70.0
63 28.8 25.0 37.6



#7
Phenol-d6
Concen: 96.840 ng
RT: 7.093 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

Tgt Ion: 99 Resp: 1726534
Ion Ratio Lower Upper
99 100
42 16.8 14.9 22.3
71 37.2 29.2 43.8

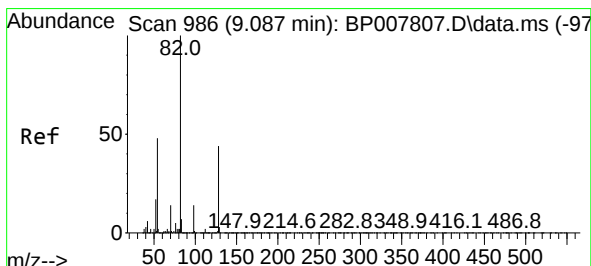
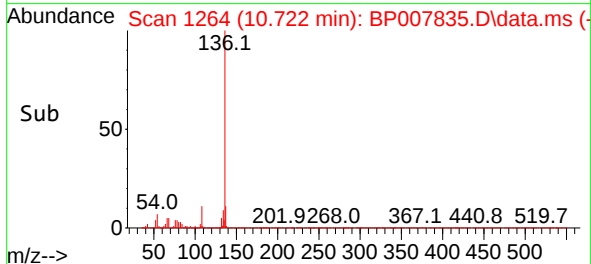
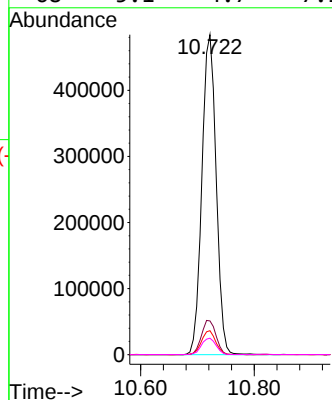
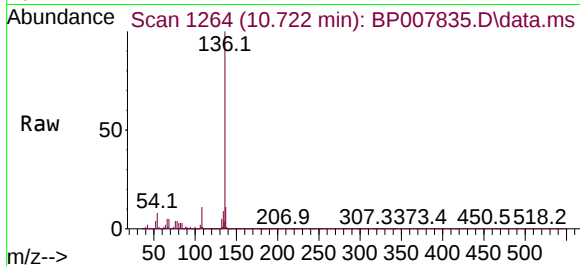




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

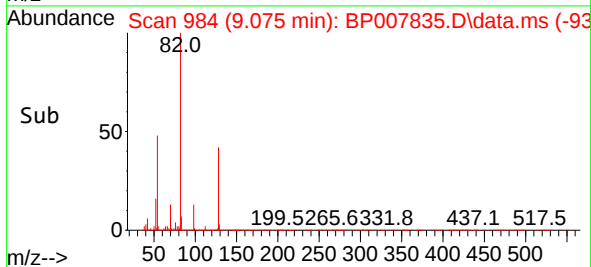
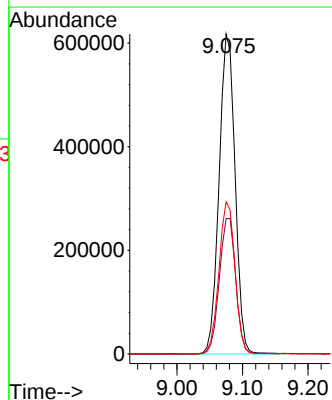
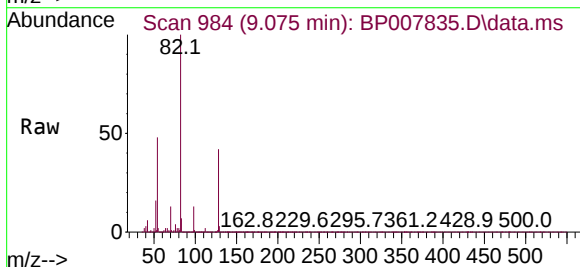
Instrument :
BNA_P
ClientSampleId :

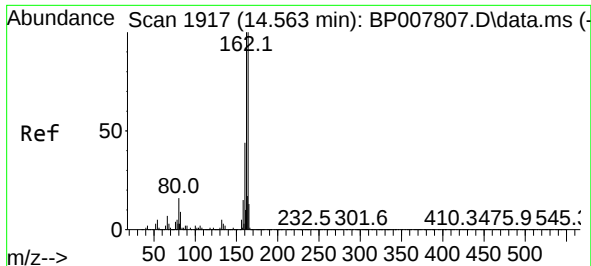
Tgt Ion:	136	Resp:	842983
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.5	6.2	9.4
68	5.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 66.266 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

Tgt Ion:	82	Resp:	1039903
Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.6	48.8
54	47.6	40.4	60.6

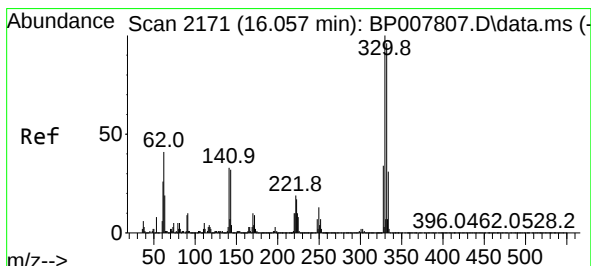
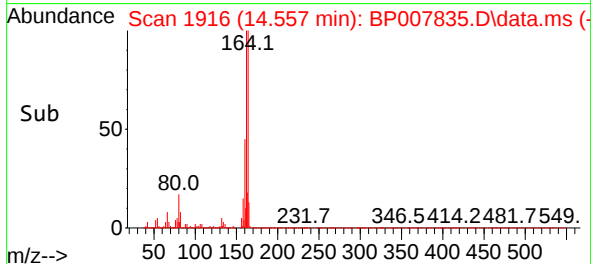
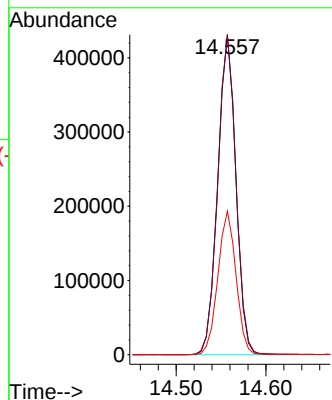
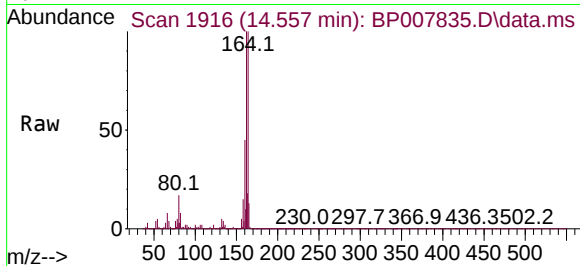




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

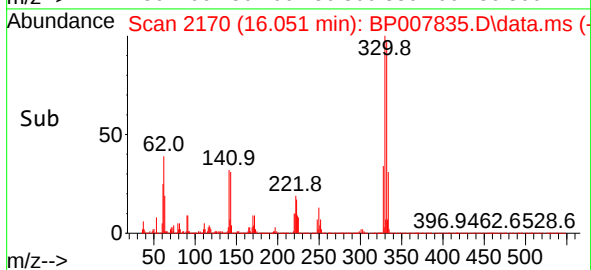
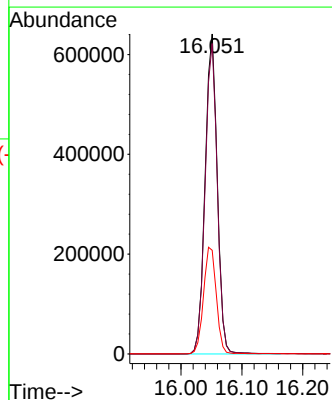
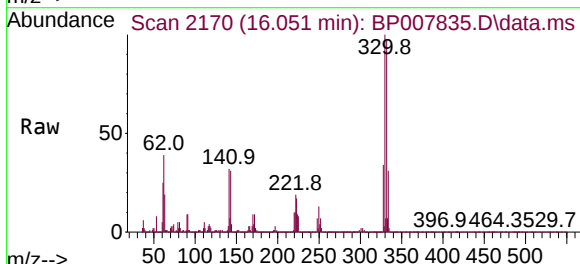
Instrument :
BNA_P
ClientSampleId :

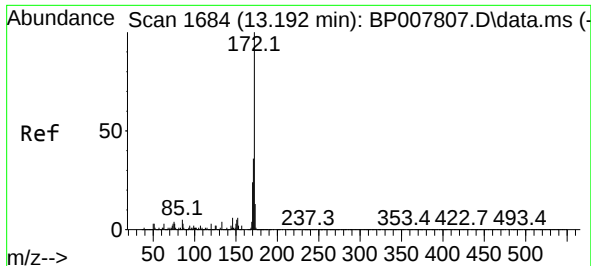
Tgt Ion:164 Resp: 604016
Ion Ratio Lower Upper
164 100
162 100.0 81.1 121.7
160 44.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 103.456 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

Tgt Ion:330 Resp: 891806
Ion Ratio Lower Upper
330 100
332 97.1 78.9 118.3
141 35.0 30.7 46.1

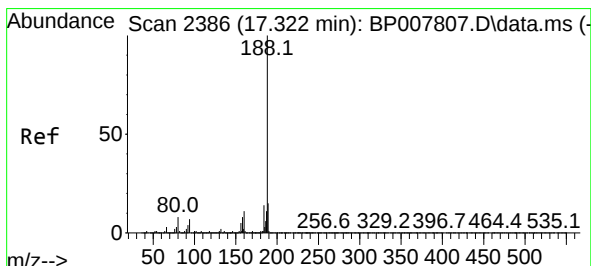
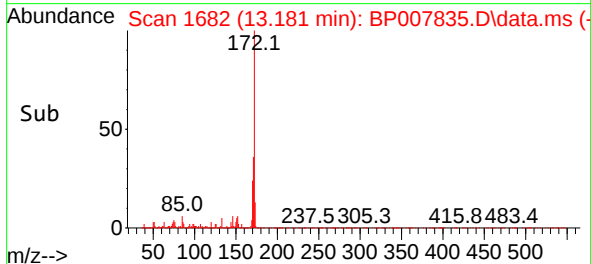
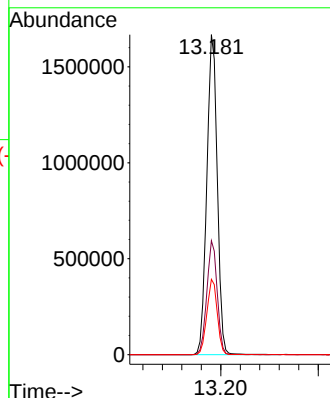
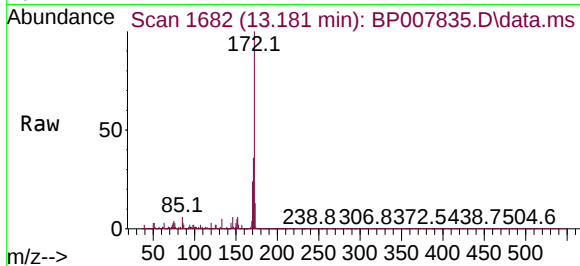




#45
2-Fluorobiphenyl
Concen: 59.625 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

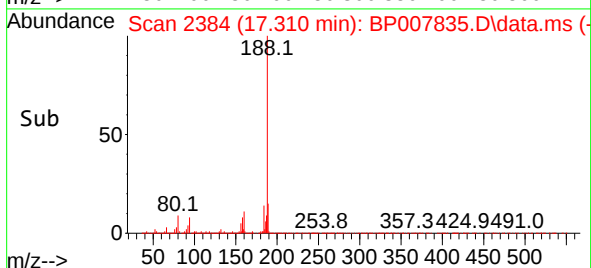
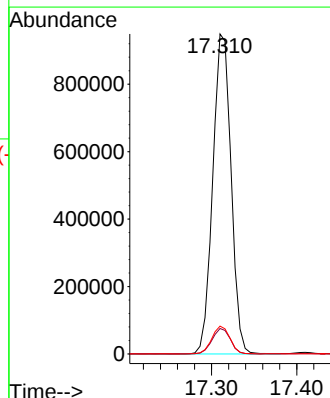
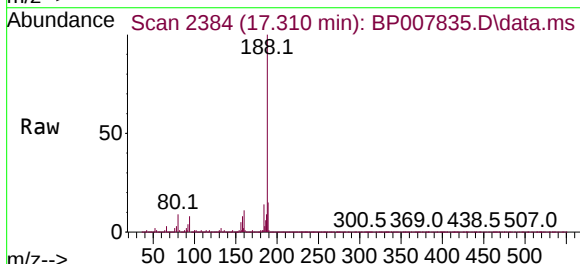
Instrument :
BNA_P
ClientSampleId :

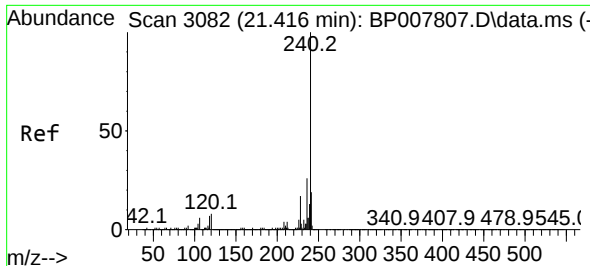
Tgt Ion:172 Resp: 2473070
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

Tgt Ion:188 Resp: 1413334
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.7 7.8 11.6

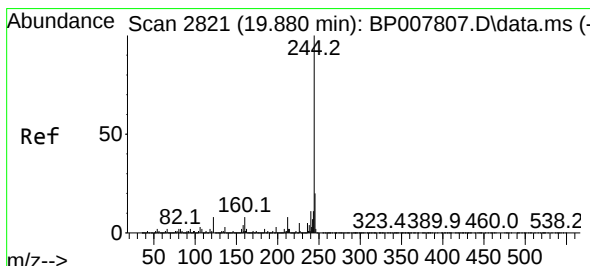
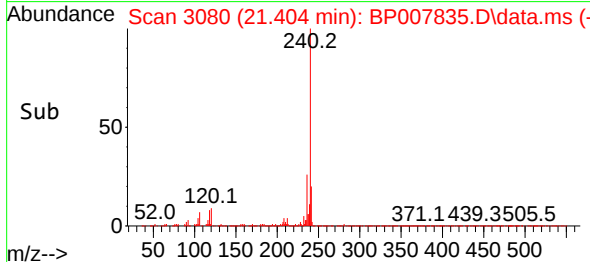
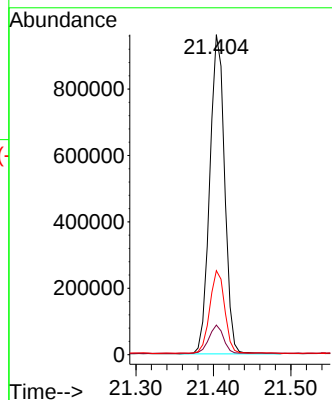
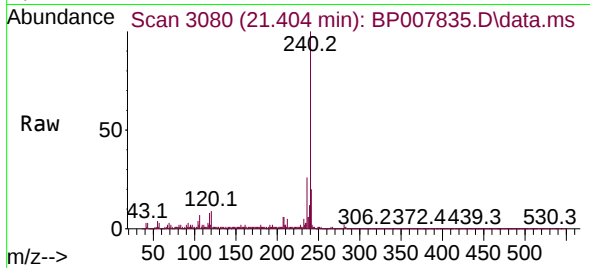




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

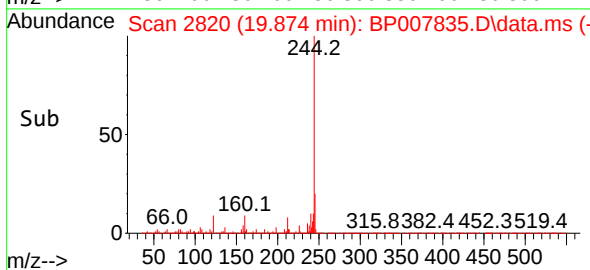
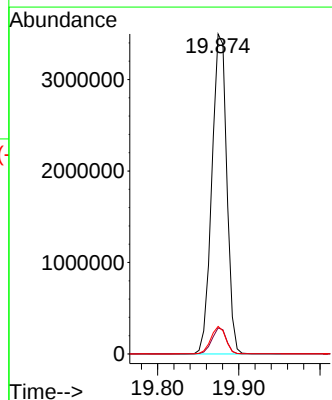
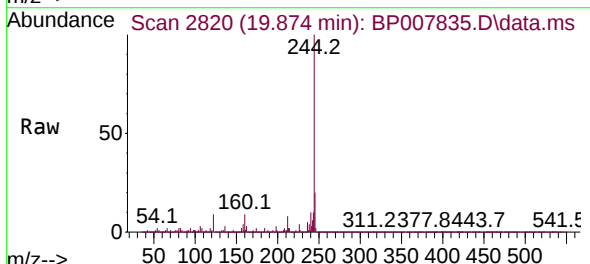
Instrument :
BNA_P
ClientSampleId :

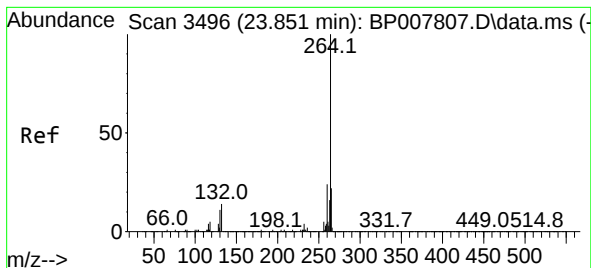
Tgt Ion:240 Resp: 1278708
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.8
236 26.3 20.6 30.8



#79
Terphenyl-d14
Concen: 71.013 ng
RT: 19.874 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP007835.D
Acq: 03 Nov 2021 22:08

Tgt Ion:244 Resp: 4459316
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 8.6 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 34

Delta R.T. -0.006 min

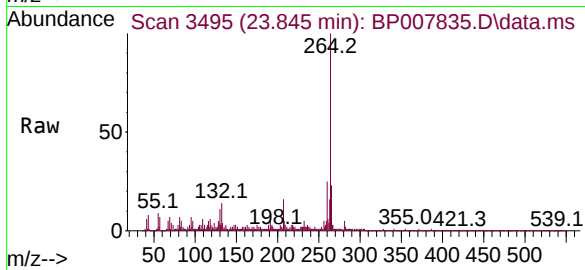
Lab File: BP007835.D

Acq: 03 Nov 2021 22:08

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 1206651

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.7 16.7 25.1

