

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007823.D
 Acq On : 03 Nov 2021 15:22
 Operator : CG/JU
 Sample : M4471-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-TFI-364

Quant Time: Nov 03 15:48:32 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)

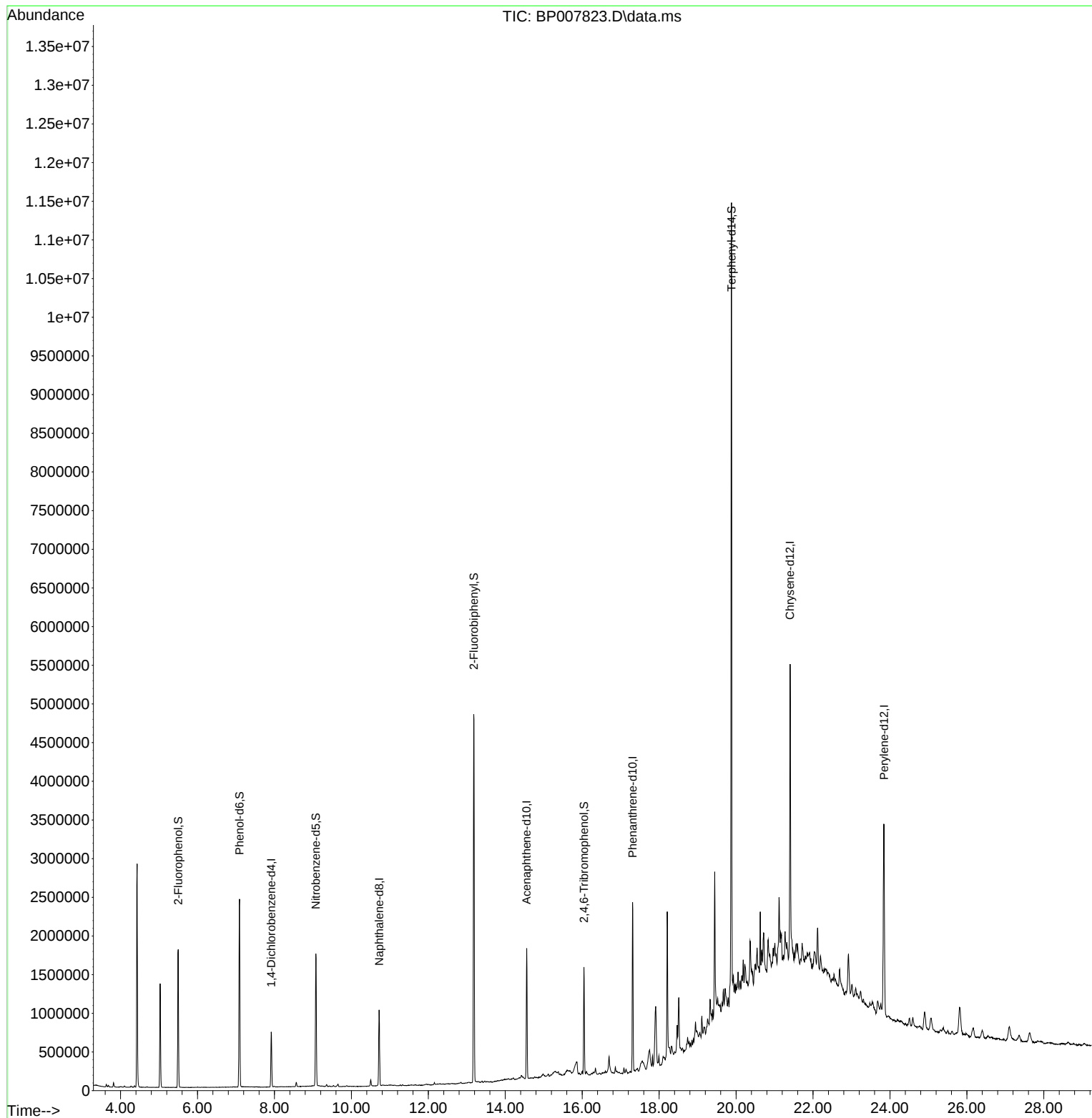
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	195598	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	790960	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	575879	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1353323	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1597222	20.000	ng	-0.01
86) Perylene-d12	23.845	264	1720861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	784224	67.996	ng	0.00
7) Phenol-d6	7.093	99	1371991	82.188	ng	0.00
23) Nitrobenzene-d5	9.075	82	991766	67.355	ng	-0.01
42) 2,4,6-Tribromophenol	16.045	330	254155	30.924	ng	-0.01
45) 2-Fluorobiphenyl	13.181	172	2539747	64.225	ng	-0.01
79) Terphenyl-d14	19.881	244	5068121	64.613	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.417	88	466	Below Cal	Qvalue #	68

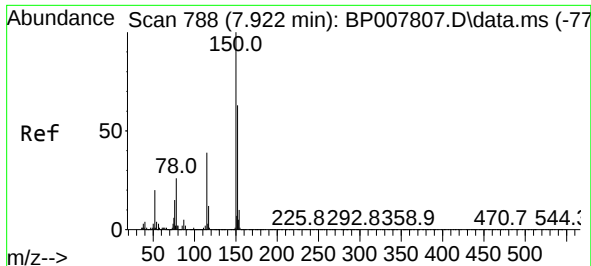
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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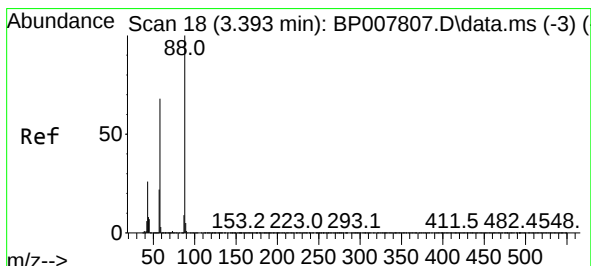
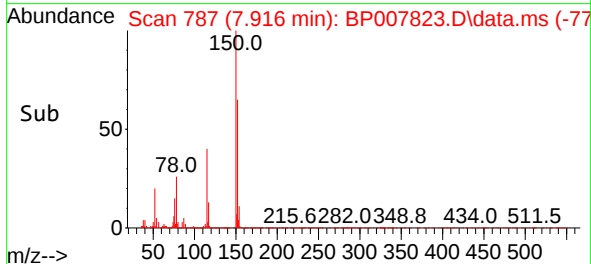
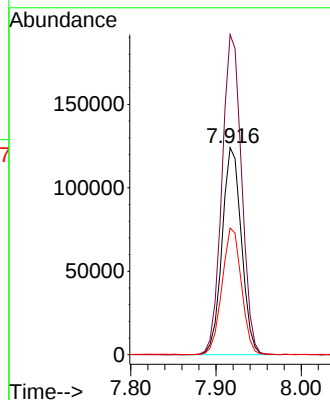
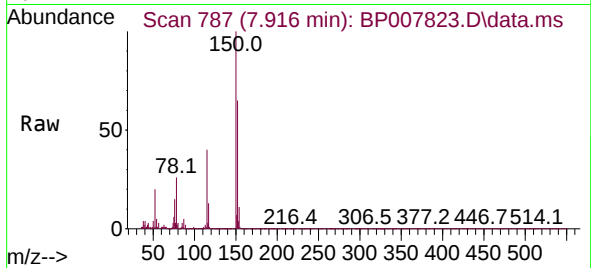




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP007823.D
 Acq: 03 Nov 2021 15:22

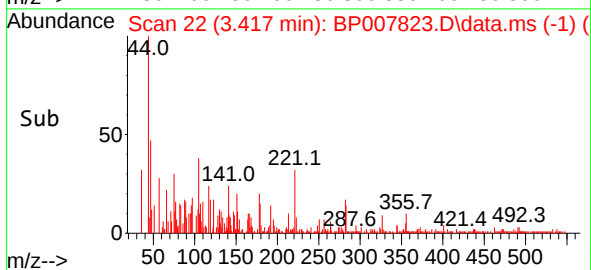
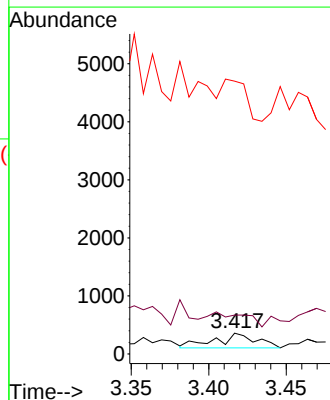
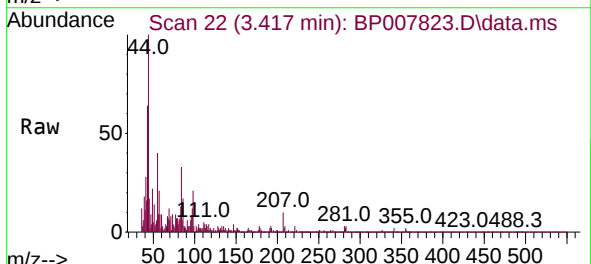
Instrument :
 BNA_P
 ClientSampleId :
 RO-TFI-364

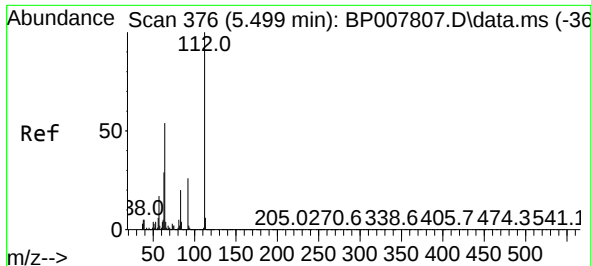
Tgt Ion:152 Resp: 195598
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.1 186.1
 115 61.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.417 min Scan# 22
 Delta R.T. 0.024 min
 Lab File: BP007823.D
 Acq: 03 Nov 2021 15:22

Tgt Ion: 88 Resp: 466
 Ion Ratio Lower Upper
 88 100
 58 92.3 58.1 87.1#
 43 0.0 22.2 33.4#

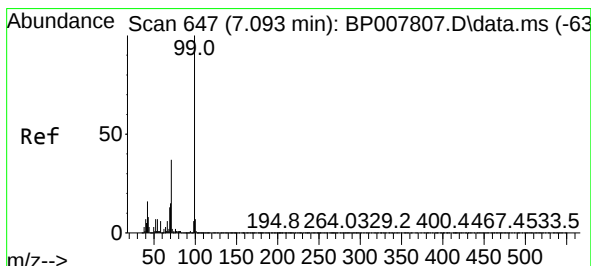
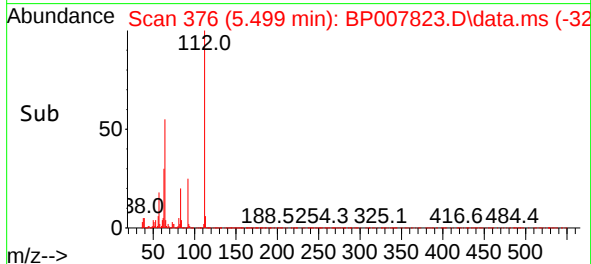
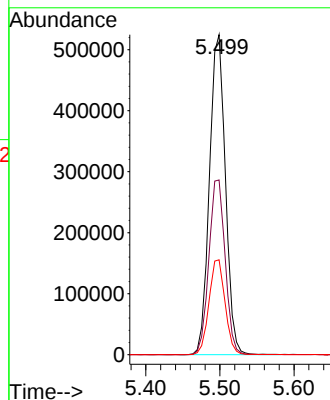
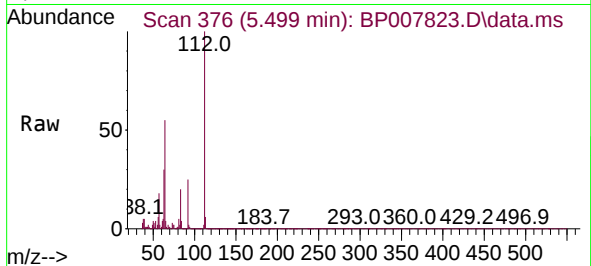




#5
2-Fluorophenol
Concen: 67.996 ng
RT: 5.499 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

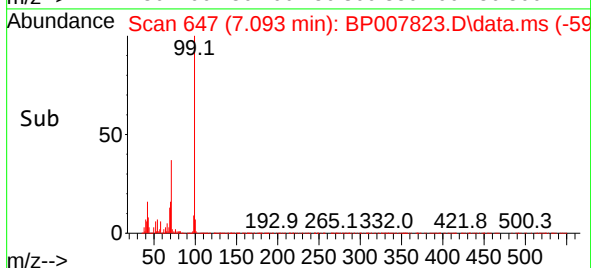
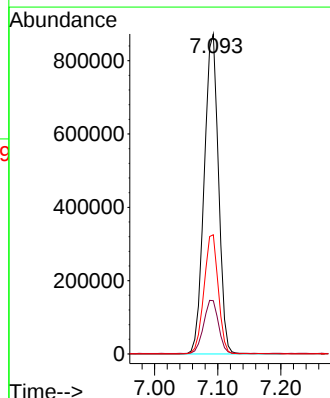
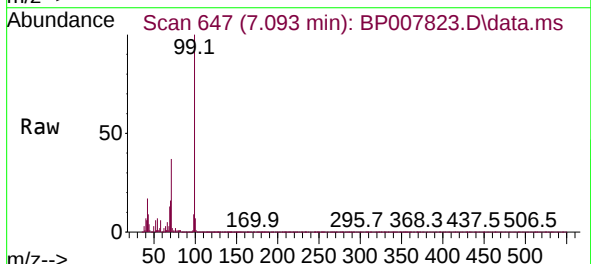
Instrument :
BNA_P
ClientSampleId :
RO-TFI-364

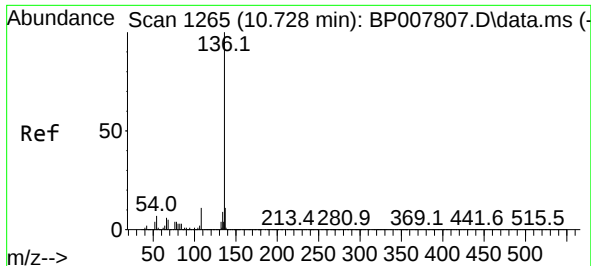
Tgt Ion:112 Resp: 784224
Ion Ratio Lower Upper
112 100
64 54.6 46.6 70.0
63 29.6 25.0 37.6



#7
Phenol-d6
Concen: 82.188 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

Tgt Ion: 99 Resp: 1371991
Ion Ratio Lower Upper
99 100
42 16.7 14.9 22.3
71 37.3 29.2 43.8

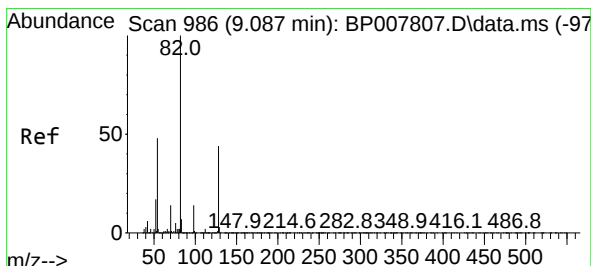
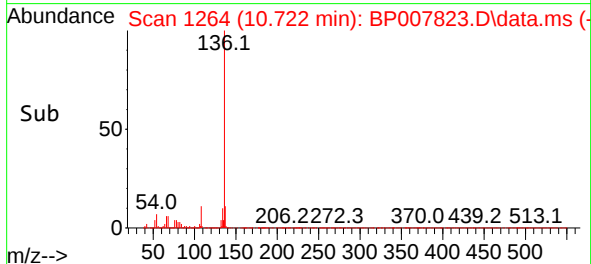
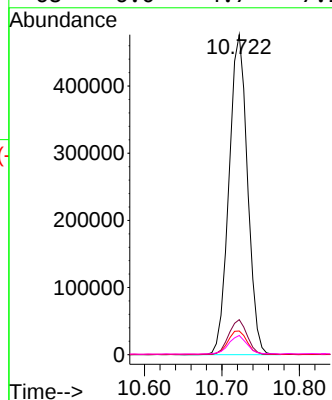
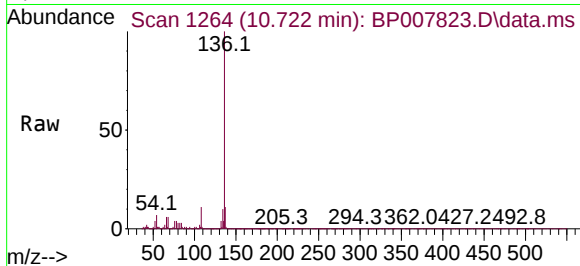




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

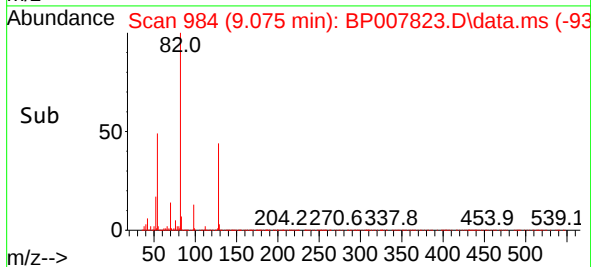
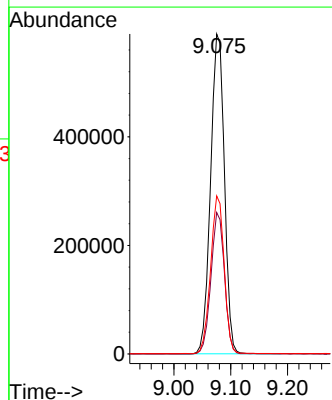
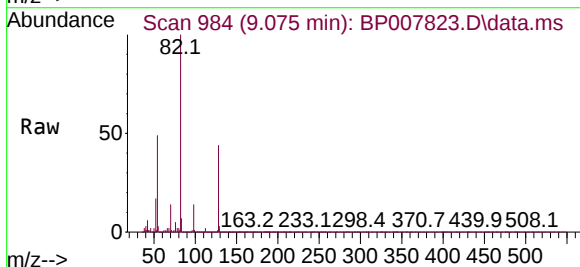
Instrument :
BNA_P
ClientSampleId :
RO-TFI-364

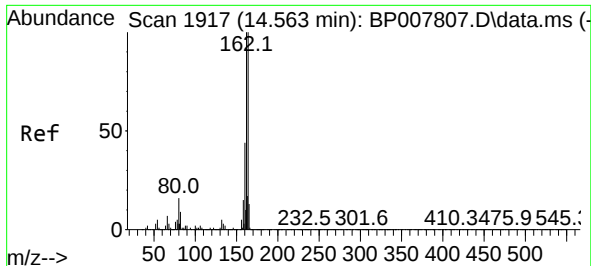
Tgt Ion:	136	Resp:	790960
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	6.2	9.4
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 67.355 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

Tgt Ion:	82	Resp:	991766
Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.6	48.8
54	49.4	40.4	60.6

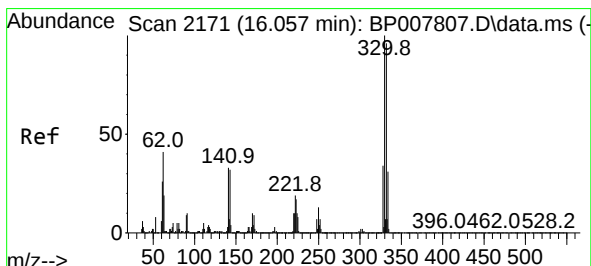
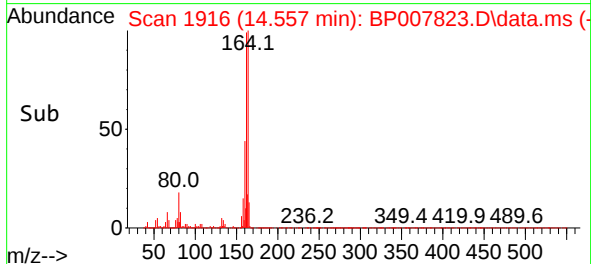
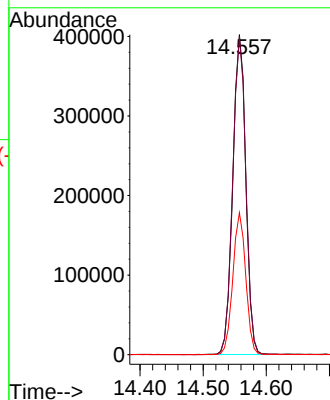
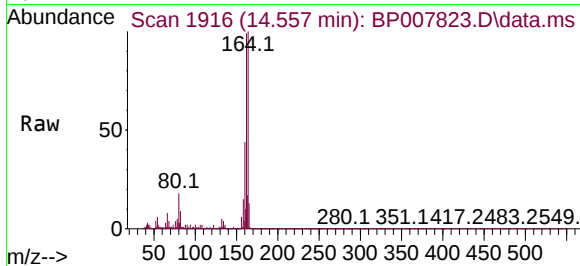




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

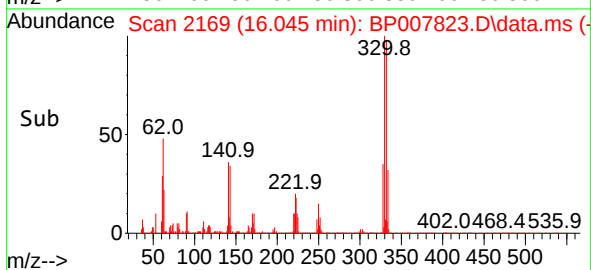
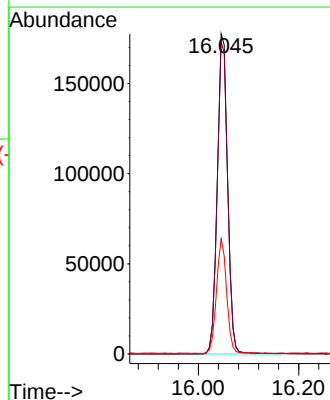
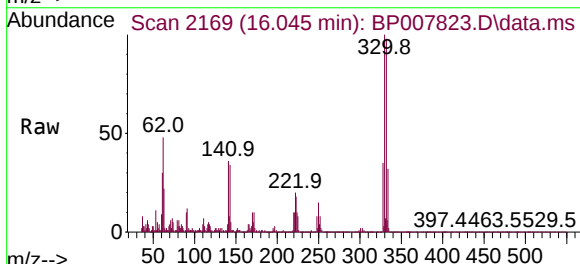
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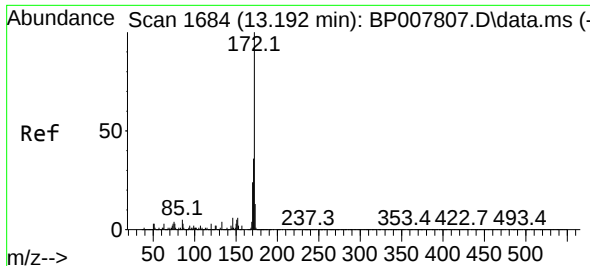
Tgt Ion:164 Resp: 575879
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 44.4 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 30.924 ng
RT: 16.045 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

Tgt Ion:330 Resp: 254155
Ion Ratio Lower Upper
330 100
332 97.5 78.9 118.3
141 34.8 30.7 46.1

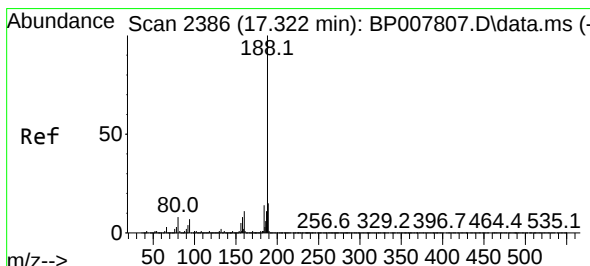
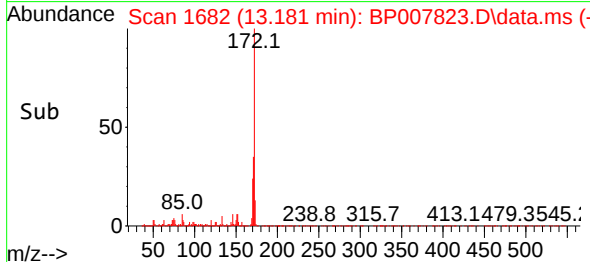
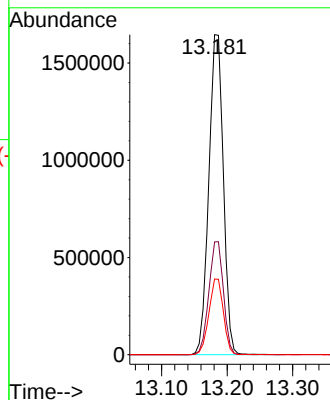
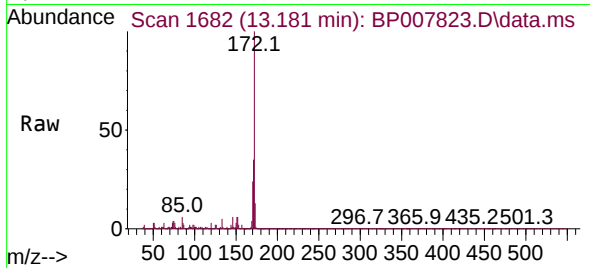




#45
2-Fluorobiphenyl
Concen: 64.225 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

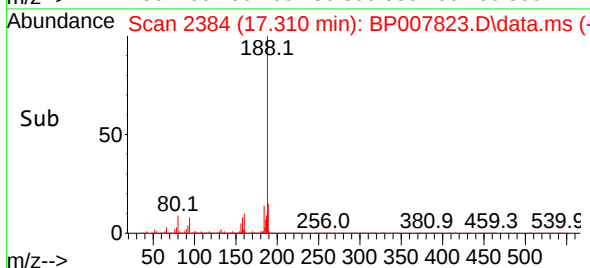
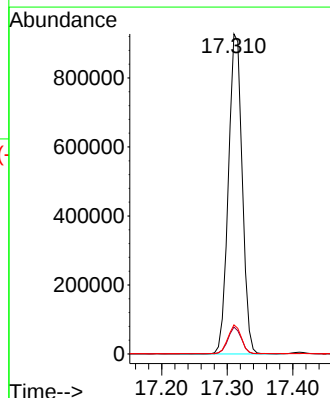
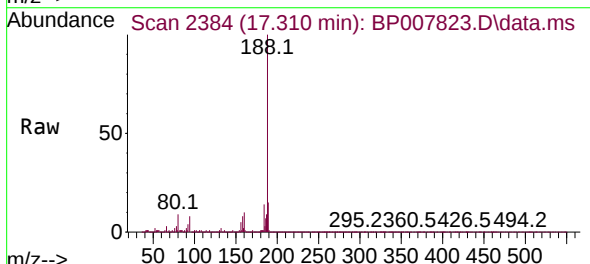
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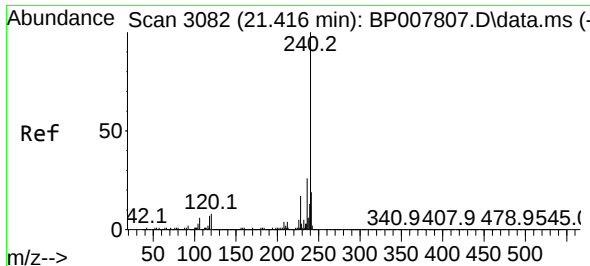
Tgt Ion:172 Resp: 2539747
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.7 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

Tgt Ion:188 Resp: 1353323
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.1 7.8 11.6



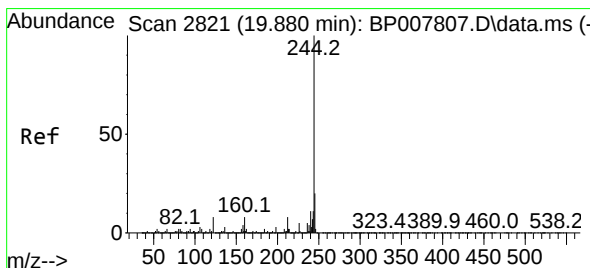
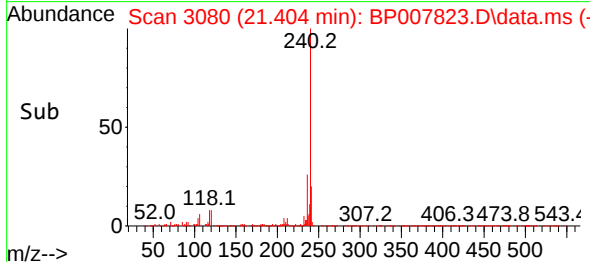
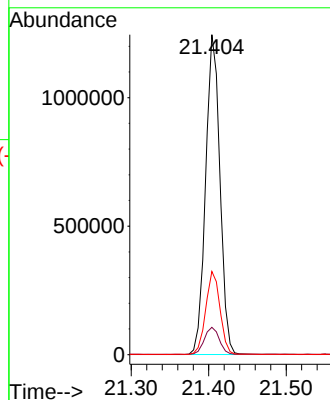
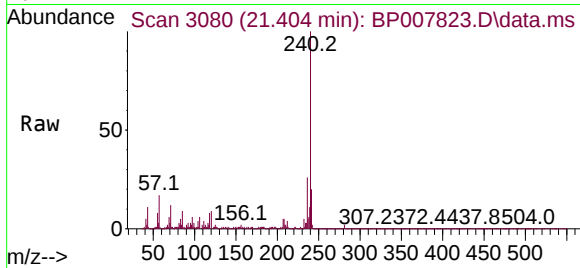


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

Instrument :
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ClientSampleId :
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Tgt Ion:240 Resp: 1597222

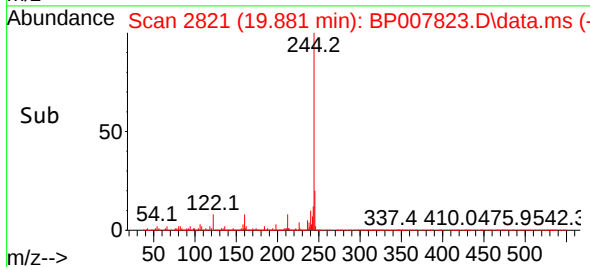
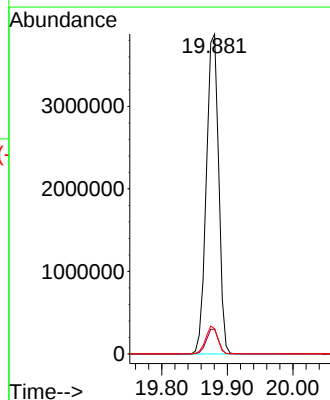
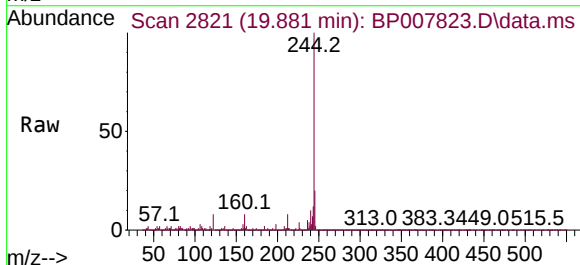
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.8	11.8
236	26.0	20.6	30.8

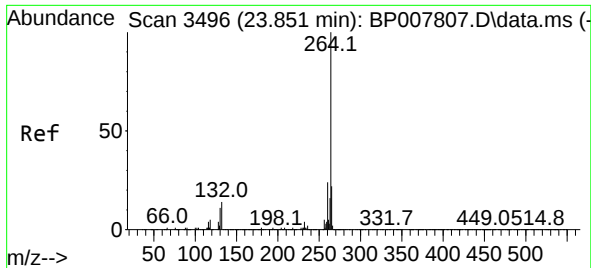


#79
Terphenyl-d14
Concen: 64.613 ng
RT: 19.881 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP007823.D
Acq: 03 Nov 2021 15:22

Tgt Ion:244 Resp: 5068121

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	7.9	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: BP007823.D
 Acq: 03 Nov 2021 15:22

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 1720861

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.2	16.7	25.1

