

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007846.D
 Acq On : 04 Nov 2021 14:05
 Operator : CG/JU
 Sample : M4438-05 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D20211101

Quant Time: Nov 07 11:13:20 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)

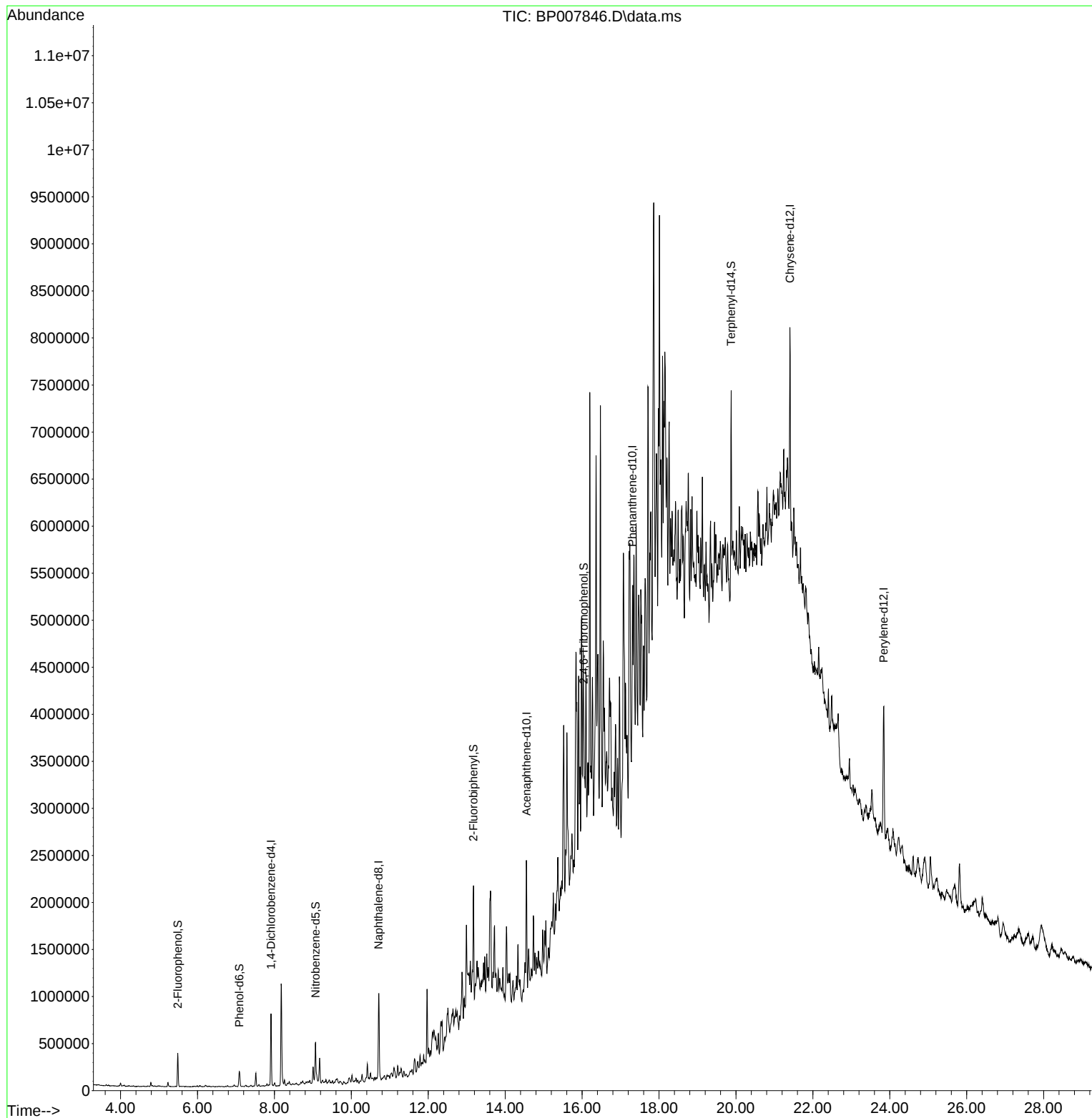
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	207855	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	746694	20.000	ng	-0.02
39) Acenaphthene-d10	14.551	164	450532	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	914426	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1016387	20.000	ng	-0.01
86) Perylene-d12	23.839	264	1170069	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	156188	12.744	ng	-0.01
7) Phenol-d6	7.087	99	122688	6.916	ng	0.00
23) Nitrobenzene-d5	9.069	82	240727	17.318	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	171463	26.667	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	593900	19.197	ng	-0.02
79) Terphenyl-d14	19.874	244	913074	18.293	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.381	88	309	Below Cal	Qvalue #	1

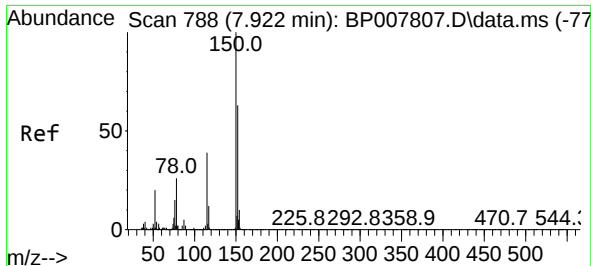
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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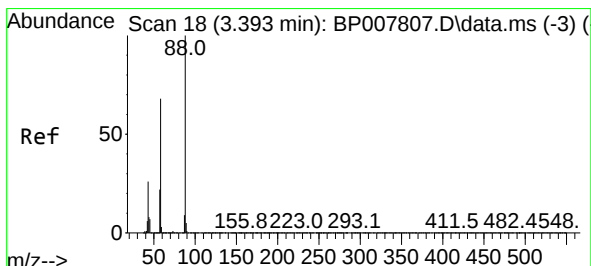
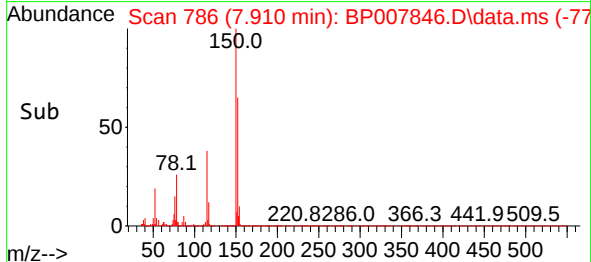
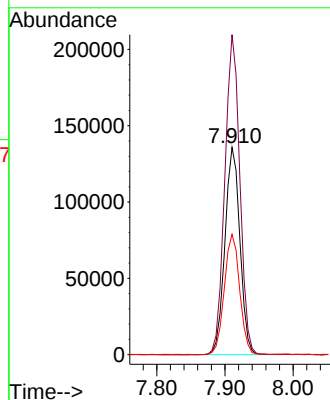
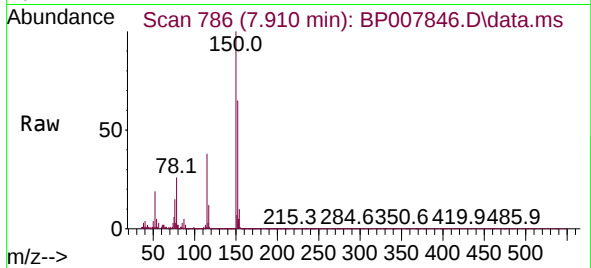




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

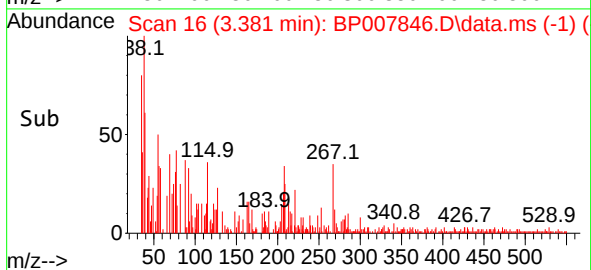
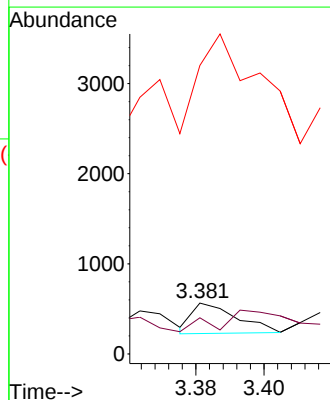
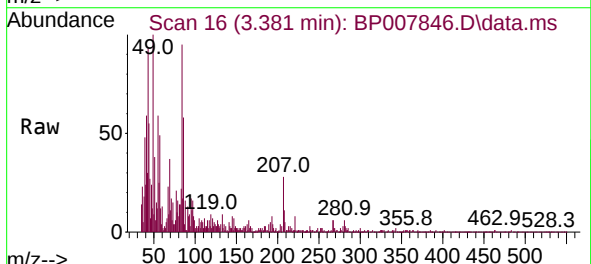
Instrument :
BNA_P
ClientSampleId :
D20211101

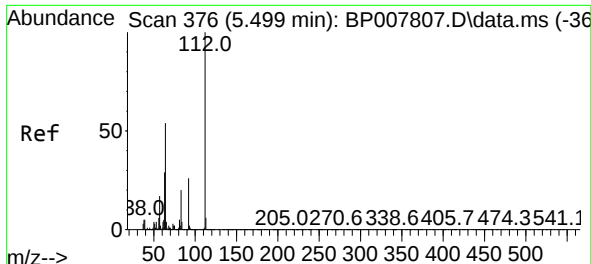
Tgt Ion:152 Resp: 207855
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 58.1 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.381 min Scan# 16
Delta R.T. -0.012 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
58 112.3 58.1 87.1#
43 613.3 22.2 33.4#

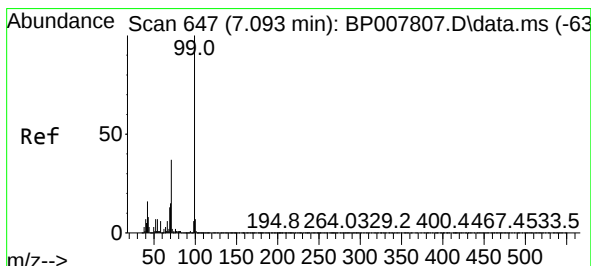
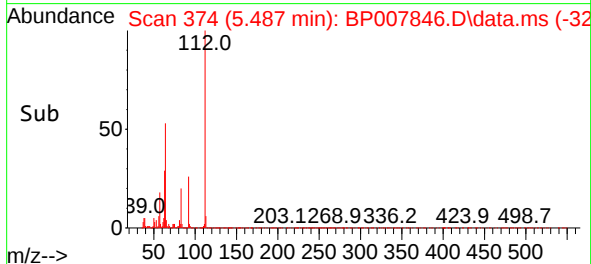
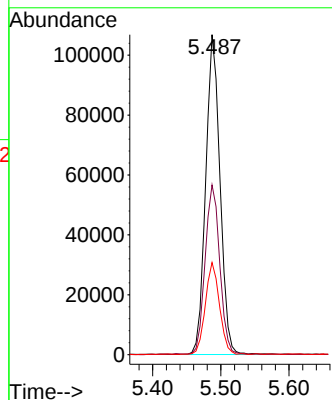
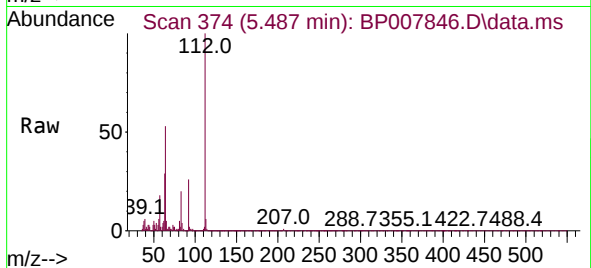




#5
2-Fluorophenol
Concen: 12.744 ng
RT: 5.487 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

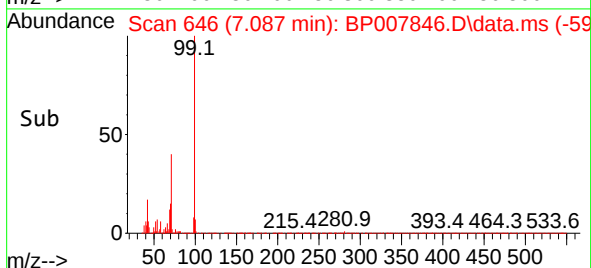
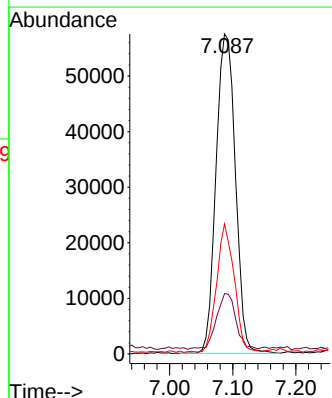
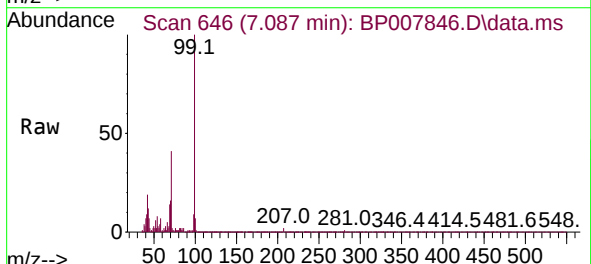
Instrument :
BNA_P
ClientSampleId :
D20211101

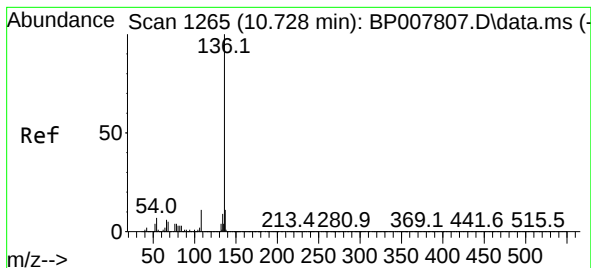
Tgt Ion:112 Resp: 156188
Ion Ratio Lower Upper
112 100
64 53.1 46.6 70.0
63 28.8 25.0 37.6



#7
Phenol-d6
Concen: 6.916 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

Tgt Ion: 99 Resp: 122688
Ion Ratio Lower Upper
99 100
42 18.9 14.9 22.3
71 40.7 29.2 43.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP007846.D

Acq: 04 Nov 2021 14:05

Instrument :

BNA_P

ClientSampleId :

D20211101

Tgt Ion:136 Resp: 746694

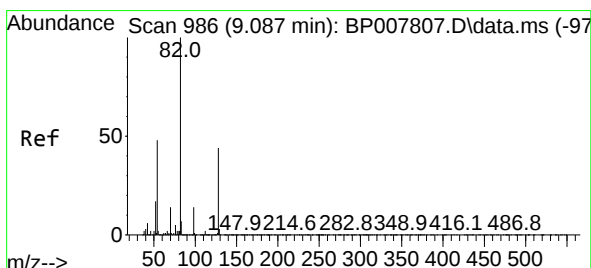
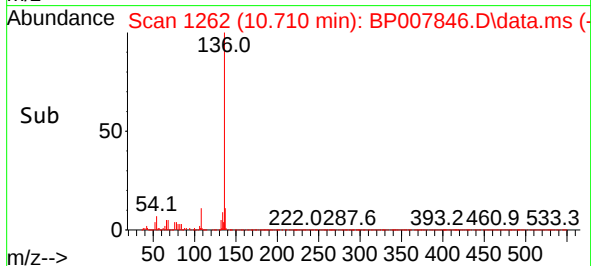
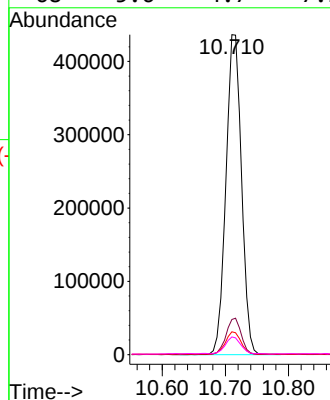
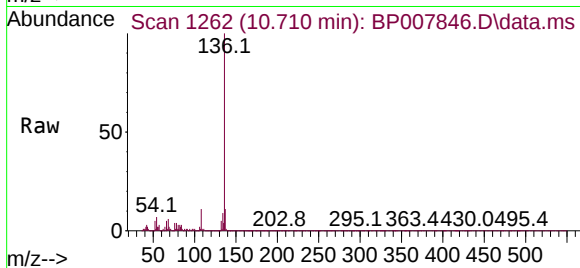
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.2 6.2 9.4

68 5.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 17.318 ng

RT: 9.069 min Scan# 983

Delta R.T. -0.018 min

Lab File: BP007846.D

Acq: 04 Nov 2021 14:05

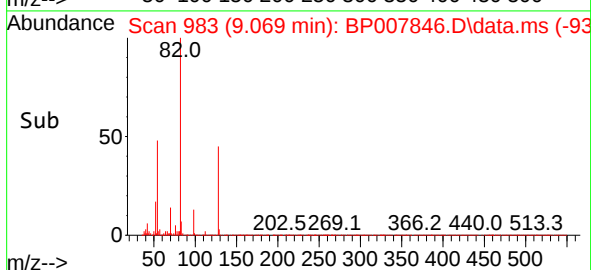
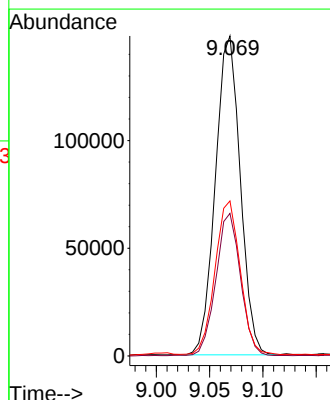
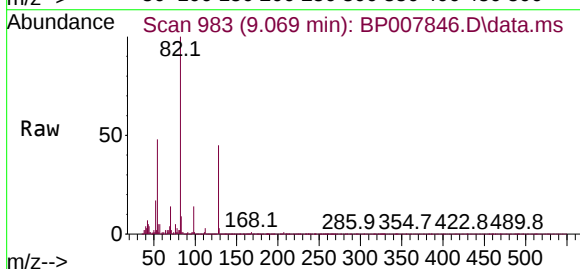
Tgt Ion: 82 Resp: 240727

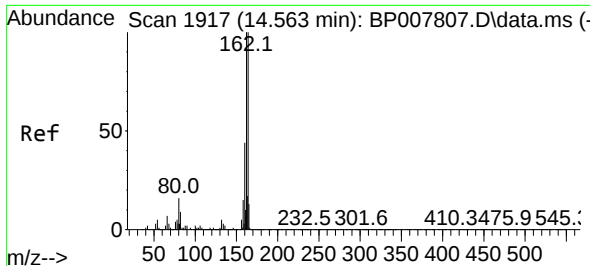
Ion Ratio Lower Upper

82 100

128 44.5 32.6 48.8

54 48.5 40.4 60.6

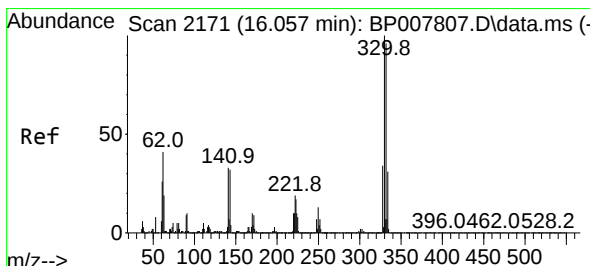
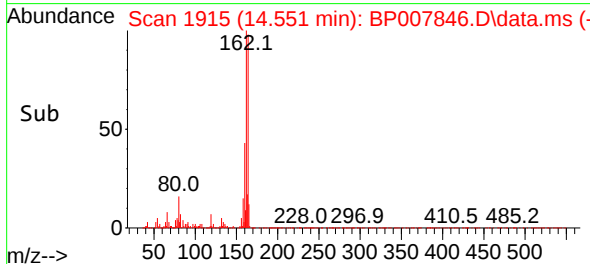
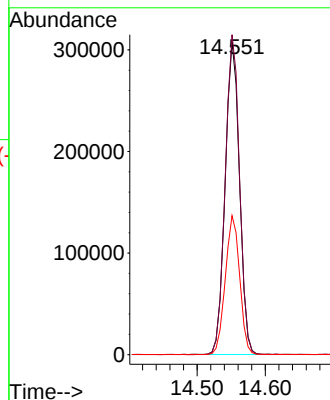
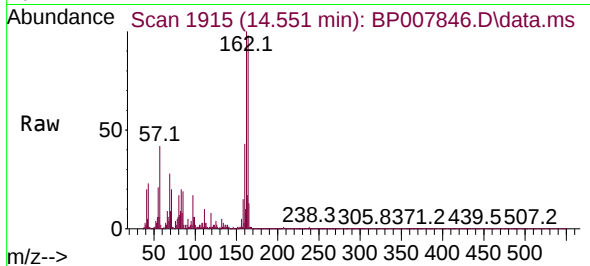




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

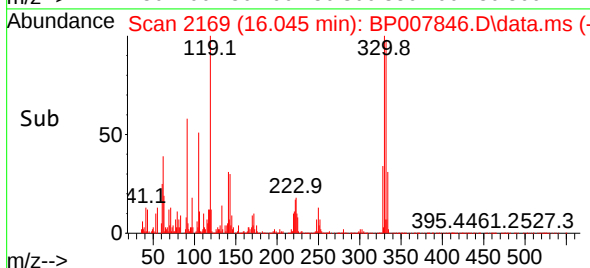
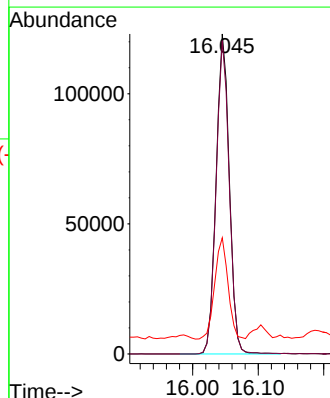
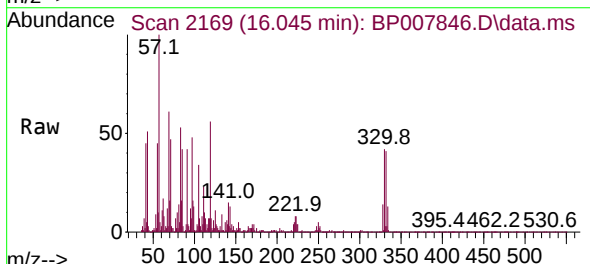
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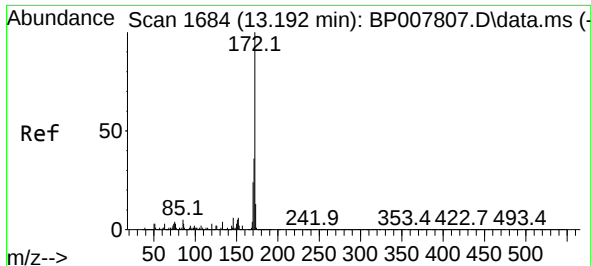
Tgt Ion:164 Resp: 450532
Ion Ratio Lower Upper
164 100
162 102.3 81.1 121.7
160 44.5 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 26.667 ng
RT: 16.045 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

Tgt Ion:330 Resp: 171463
Ion Ratio Lower Upper
330 100
332 97.6 78.9 118.3
141 31.7 30.7 46.1

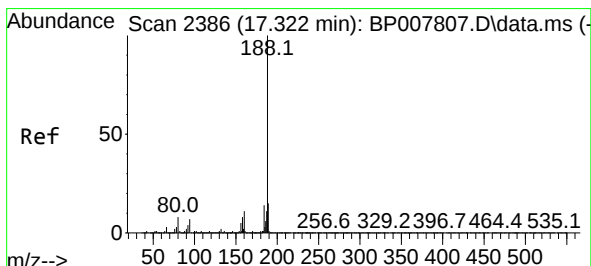
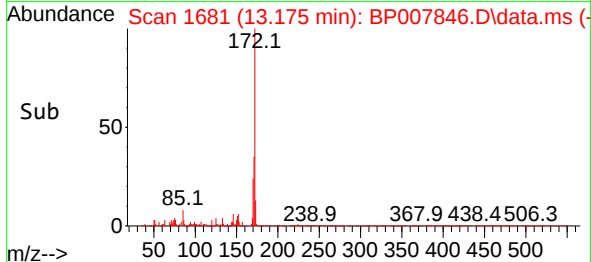
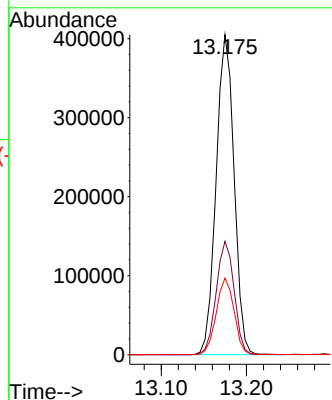
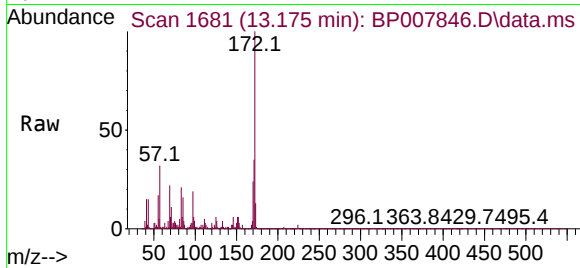




#45
2-Fluorobiphenyl
Concen: 19.197 ng
RT: 13.175 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

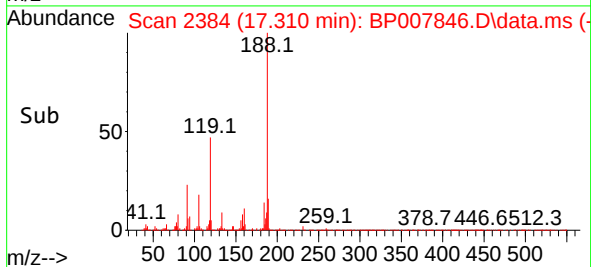
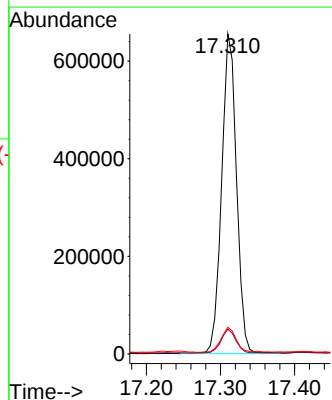
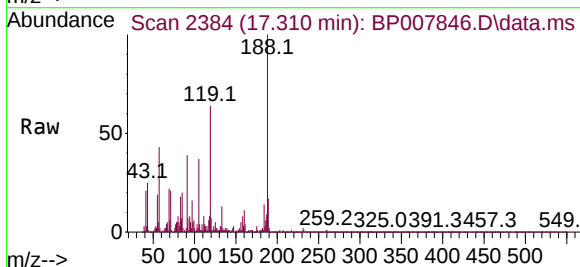
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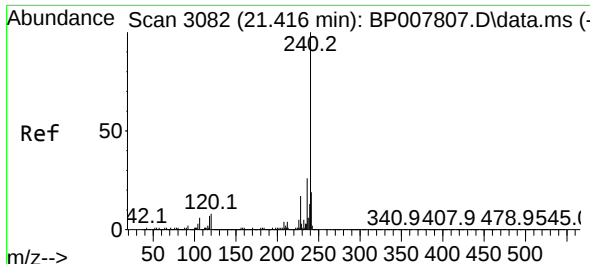
Tgt Ion:172 Resp: 593900
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.9 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

Tgt Ion:188 Resp: 914426
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.3 7.8 11.6

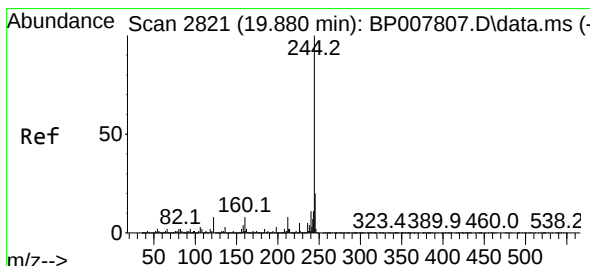
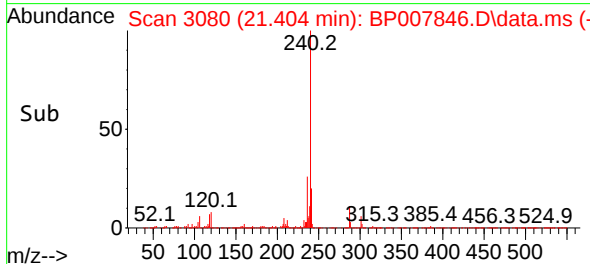
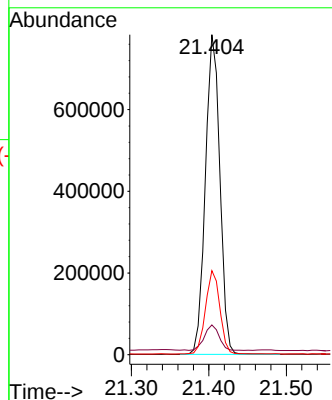
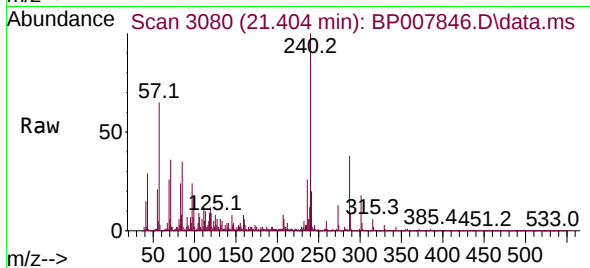




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

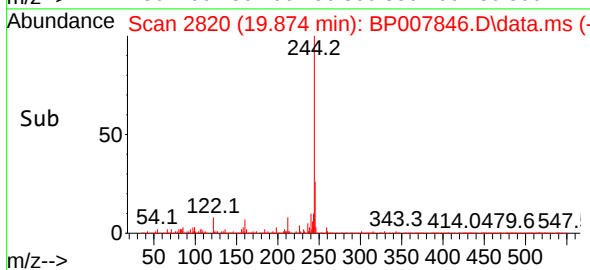
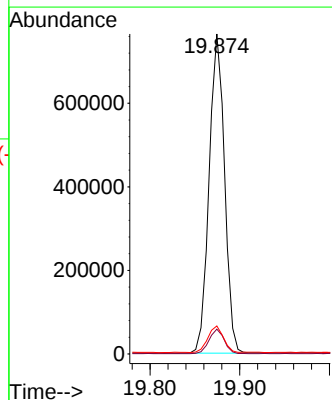
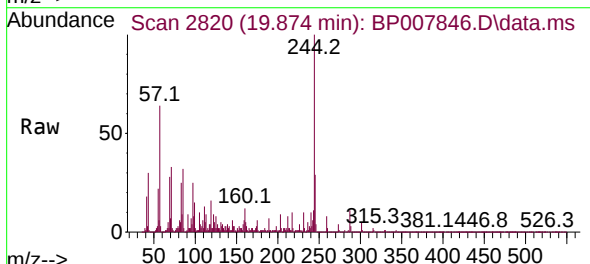
Instrument :
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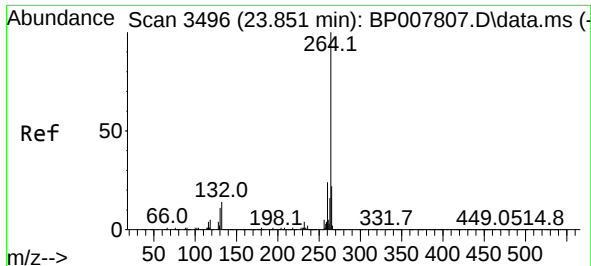
Tgt Ion:240 Resp: 1016387
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.8
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 18.293 ng
RT: 19.874 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP007846.D
Acq: 04 Nov 2021 14:05

Tgt Ion:244 Resp: 913074
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.7 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: BP007846.D
Acq: 04 Nov 2021 14:05

Instrument :
BNA_P
ClientSampleId :
D20211101

Tgt Ion:264 Resp: 1170069

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.8	16.7	25.1

