

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007889.D
 Acq On : 09 Nov 2021 13:41
 Operator : CG/JU
 Sample : M4523-07RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Nov 09 14:10:38 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 09 10:45:24 2021
 Response via : Initial Calibration

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

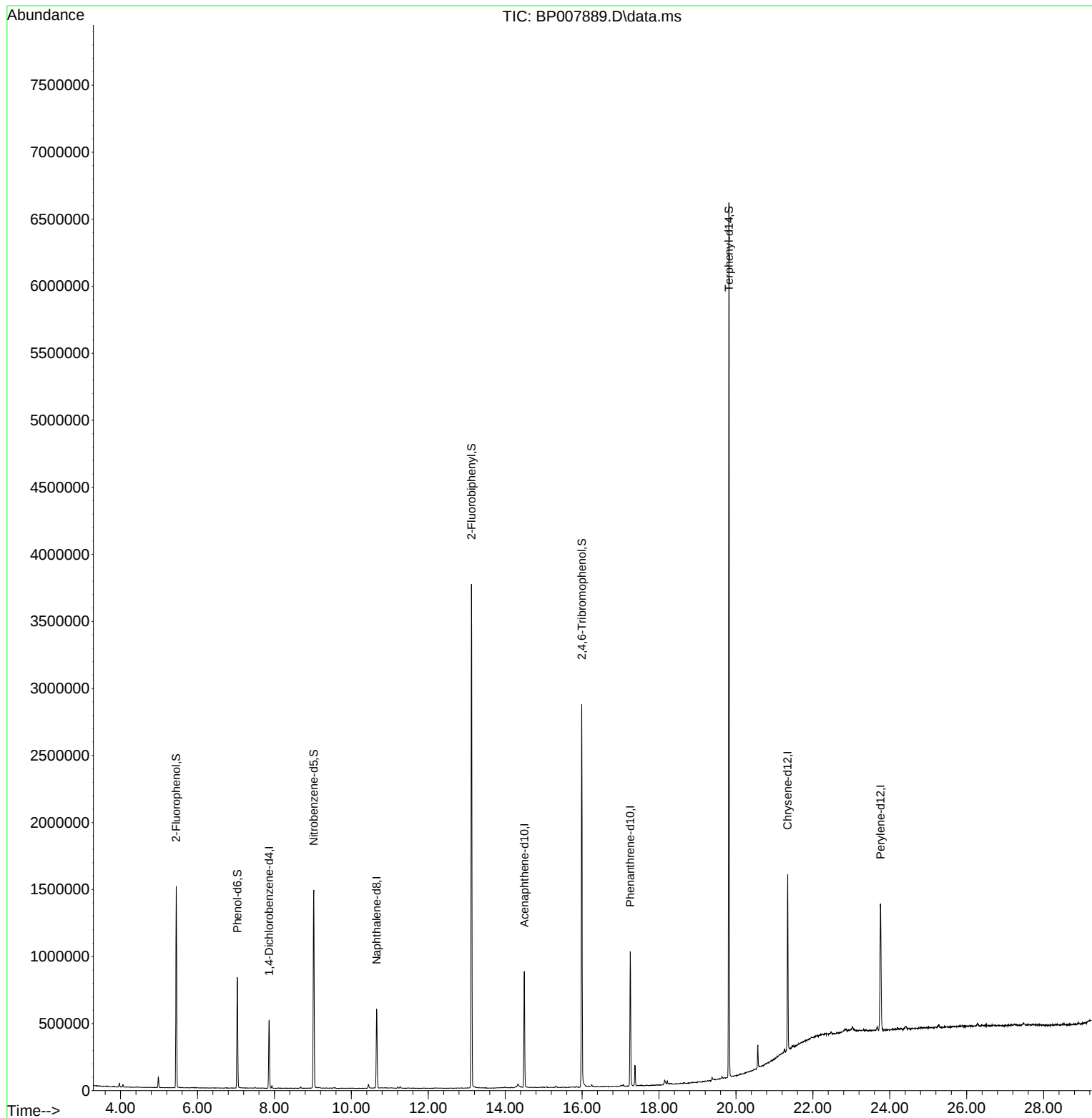
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	136236	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	481191	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	295673	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	603391	20.000	ng	0.00
76) Chrysene-d12	21.345	240	629012	20.000	ng	0.00
86) Perylene-d12	23.757	264	738220	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	636152	79.191	ng	0.00
7) Phenol-d6	7.034	99	456859	39.293	ng	0.00
23) Nitrobenzene-d5	9.022	82	852406	95.157	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	595807	141.197	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1904520	93.803	ng	0.00
79) Terphenyl-d14	19.816	244	2955460	95.676	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.352	88	305	Below Cal	Qvalue #	71

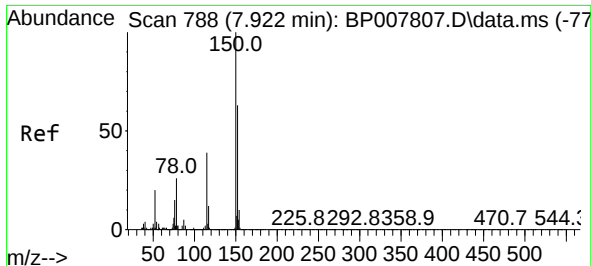
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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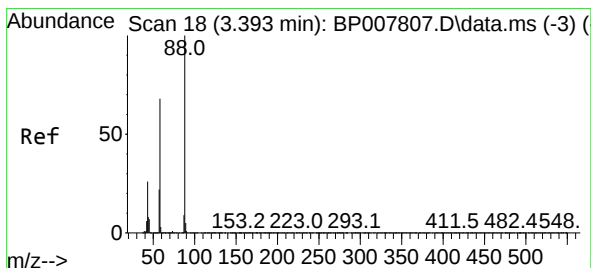
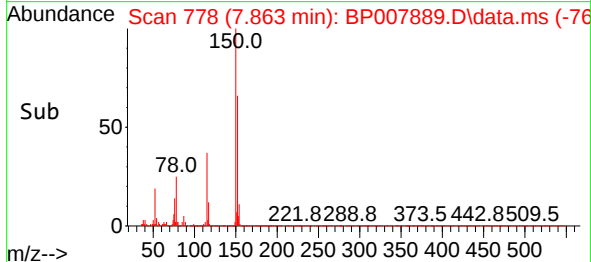
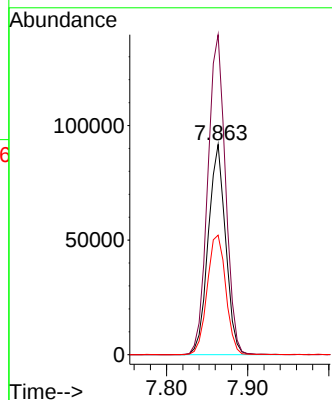
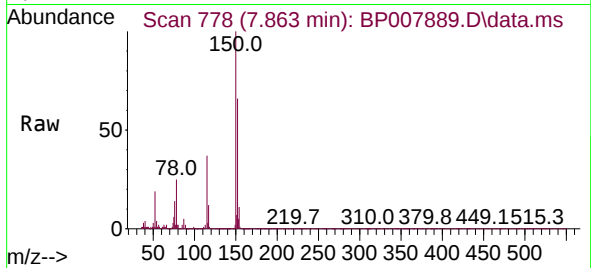




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 71
Delta R.T. -0.001 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

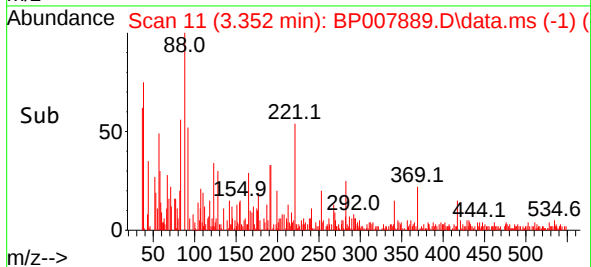
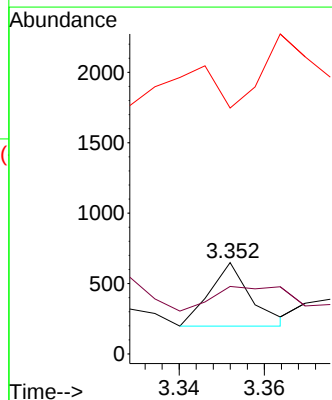
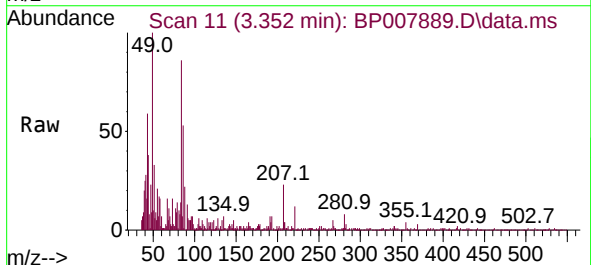
Instrument :
BNA_P
ClientSampleId :
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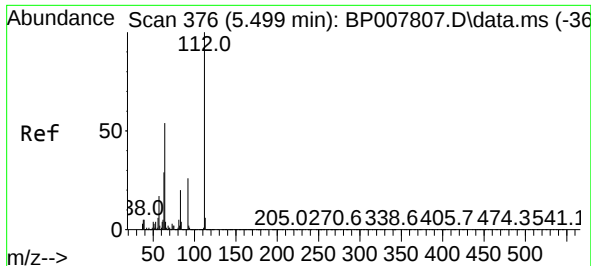
Tgt Ion:152 Resp: 136236
Ion Ratio Lower Upper
152 100
150 152.2 124.1 186.1
115 56.9 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.352 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

Tgt Ion: 88 Resp: 305
Ion Ratio Lower Upper
88 100
58 75.4 58.1 87.1
43 77.4 22.2 33.4#

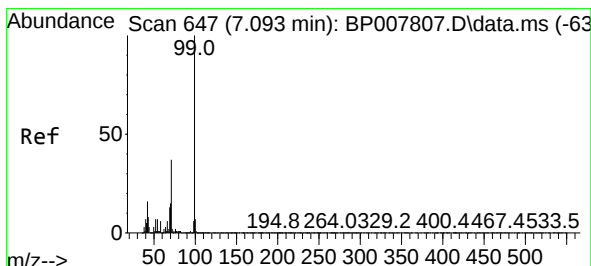
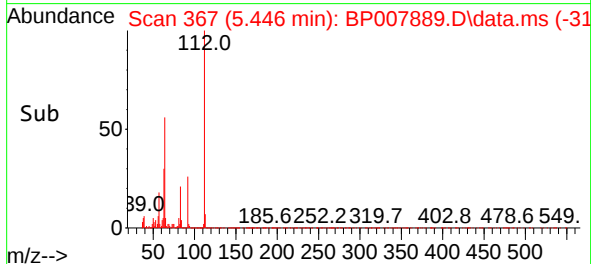
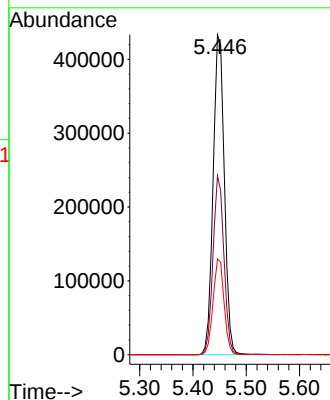
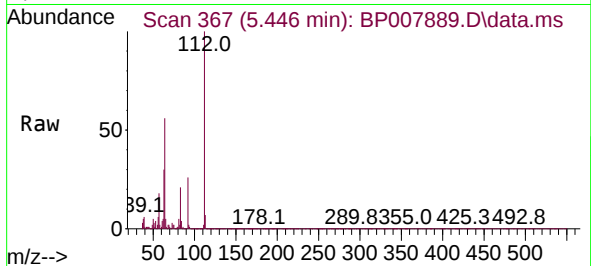




#5
2-Fluorophenol
Concen: 79.191 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

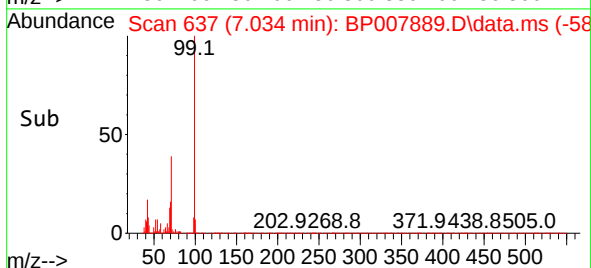
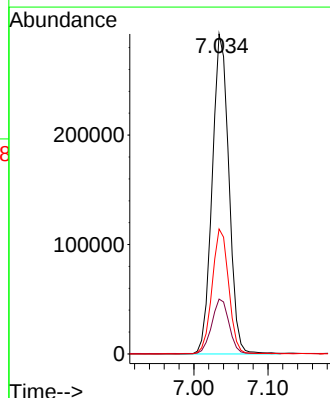
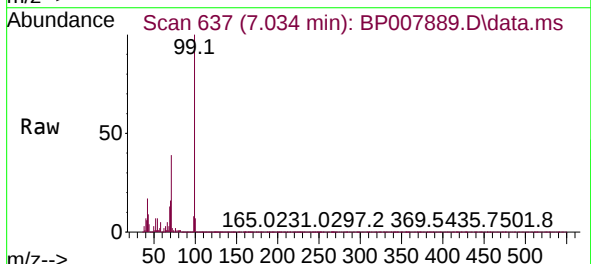
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BNA_P
ClientSampleId :
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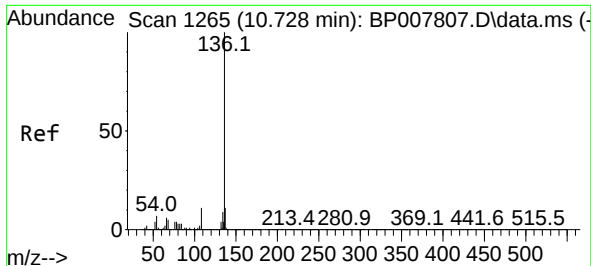
Tgt Ion:112 Resp: 636152
Ion Ratio Lower Upper
112 100
64 55.9 46.6 70.0
63 29.9 25.0 37.6



#7
Phenol-d6
Concen: 39.293 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

Tgt Ion: 99 Resp: 456859
Ion Ratio Lower Upper
99 100
42 17.2 14.9 22.3
71 39.0 29.2 43.8

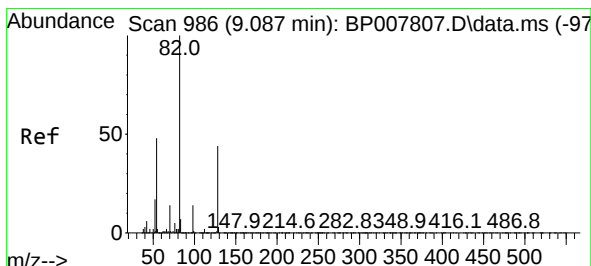
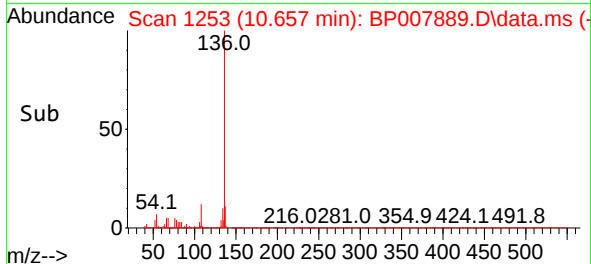
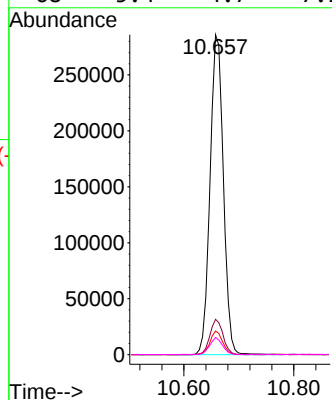
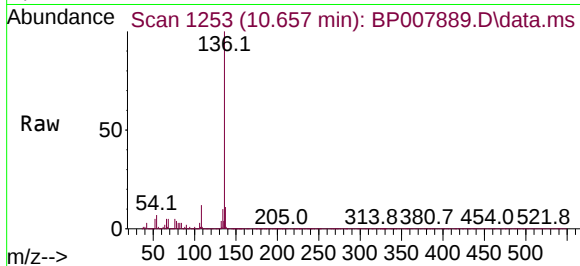




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

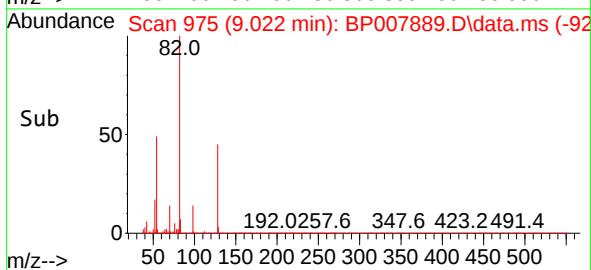
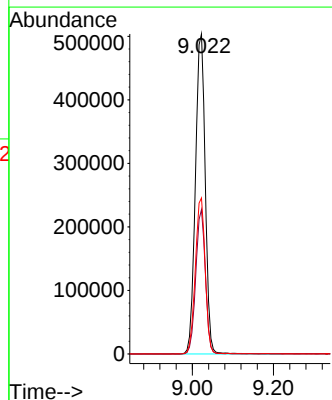
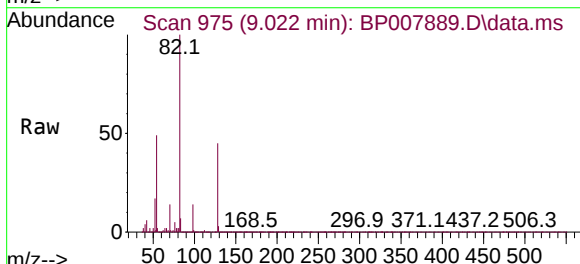
Instrument :
BNA_P
ClientSampleId :
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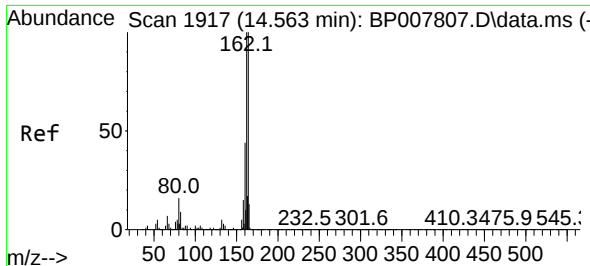
Tgt Ion:	136	Resp:	481191
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.4	6.2	9.4
68	5.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 95.157 ng
RT: 9.022 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

Tgt Ion:	82	Resp:	852406
Ion Ratio	Lower	Upper	
82	100		
128	45.1	32.6	48.8
54	48.7	40.4	60.6

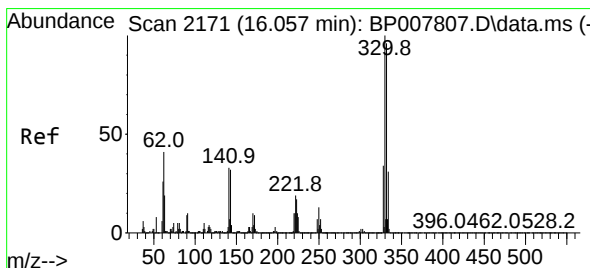
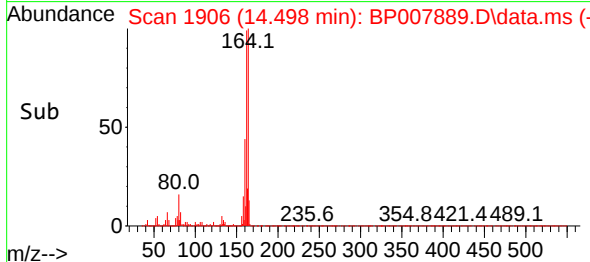
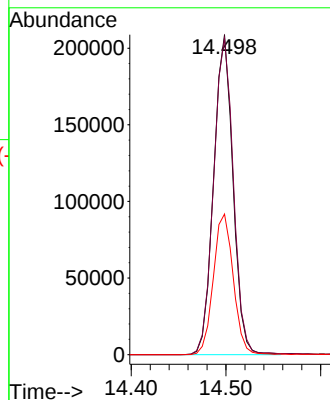
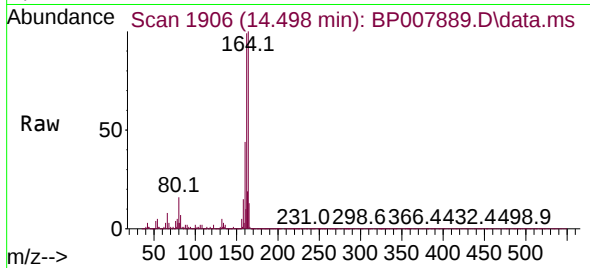




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

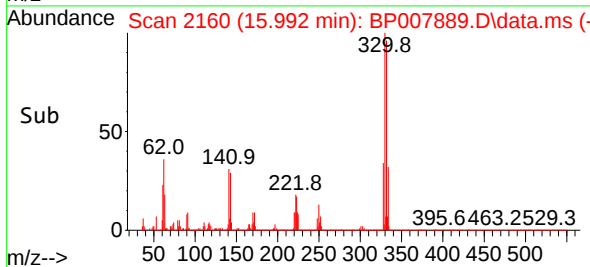
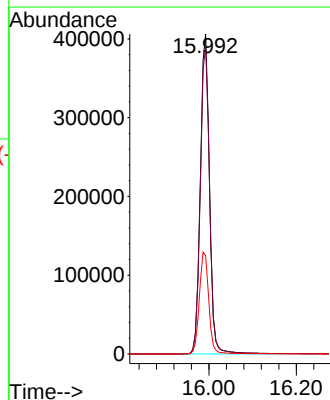
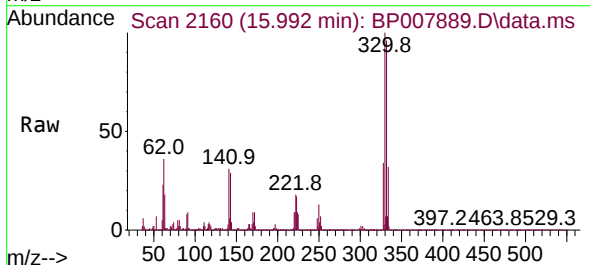
Instrument :
BNA_P
ClientSampleId :
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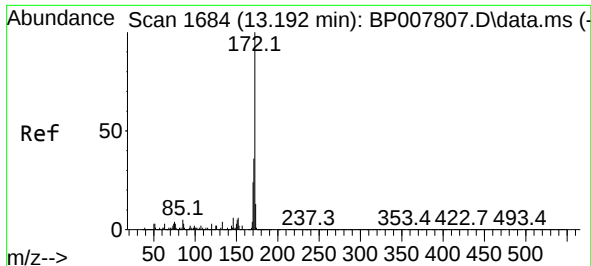
Tgt Ion:164 Resp: 295673
Ion Ratio Lower Upper
164 100
162 99.0 81.1 121.7
160 43.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 141.197 ng
RT: 15.992 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

Tgt Ion:330 Resp: 595807
Ion Ratio Lower Upper
330 100
332 96.8 78.9 118.3
141 32.6 30.7 46.1

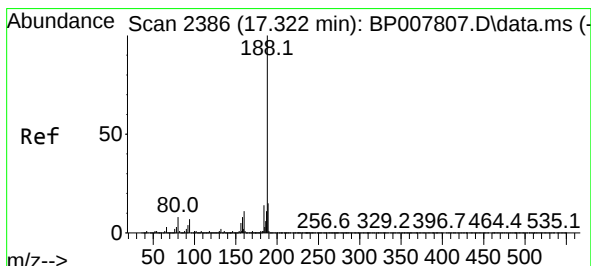
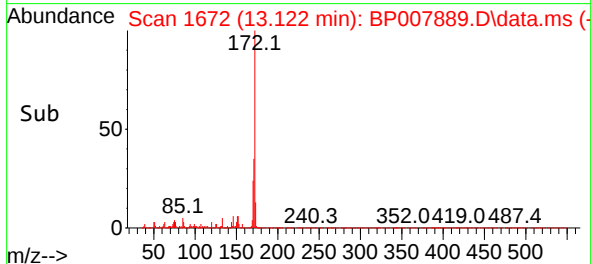
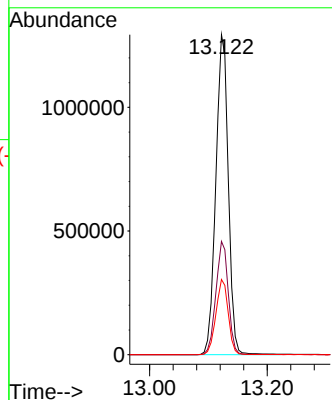
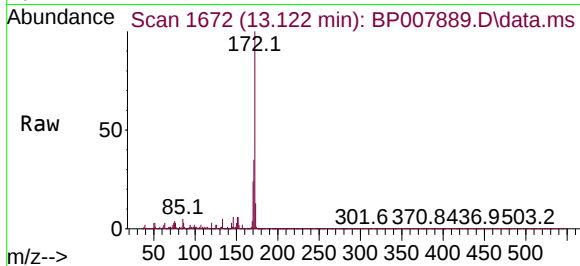




#45
2-Fluorobiphenyl
Concen: 93.803 ng
RT: 13.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

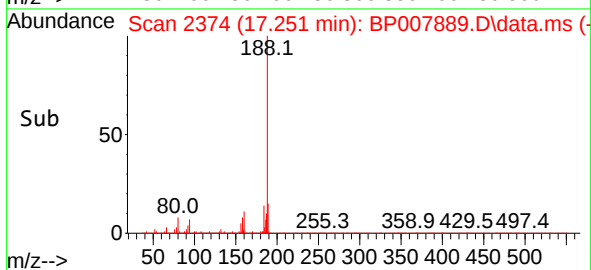
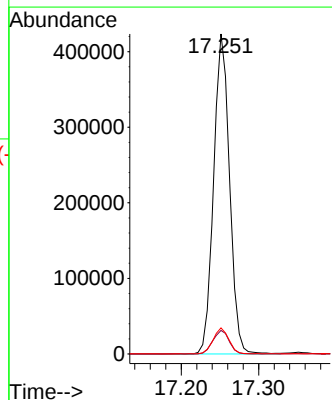
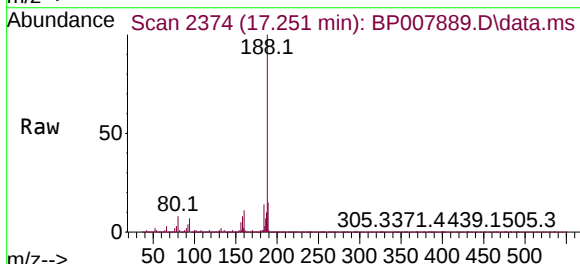
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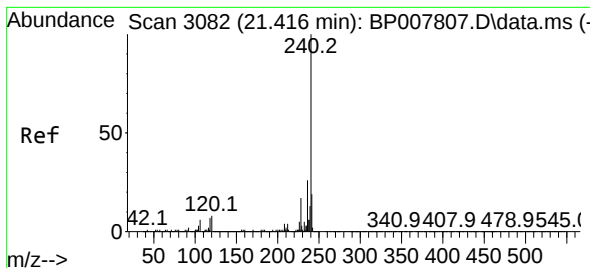
Tgt Ion:172 Resp: 1904520
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP007889.D
Acq: 09 Nov 2021 13:41

Tgt Ion:188 Resp: 603391
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.2 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.345 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP007889.D

Acq: 09 Nov 2021 13:41

Instrument :

BNA_P

ClientSampleId :

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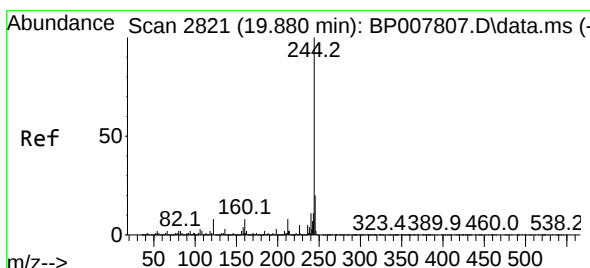
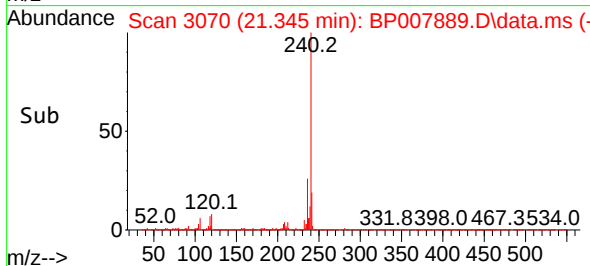
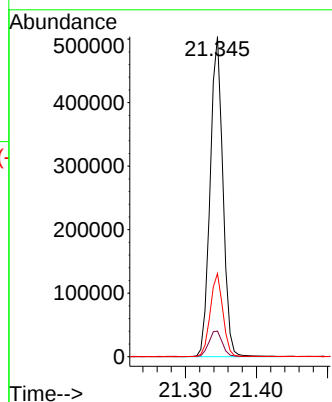
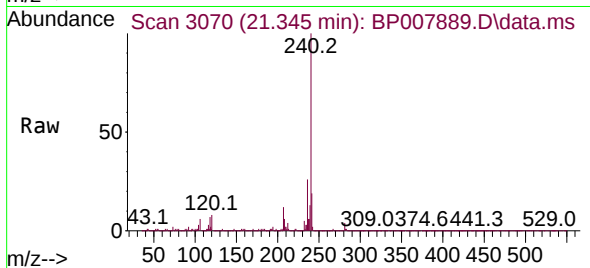
Tgt Ion:240 Resp: 629012

Ion Ratio Lower Upper

240 100

120 8.0 7.8 11.8

236 26.0 20.6 30.8



#79

Terphenyl-d14

Concen: 95.676 ng

RT: 19.816 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP007889.D

Acq: 09 Nov 2021 13:41

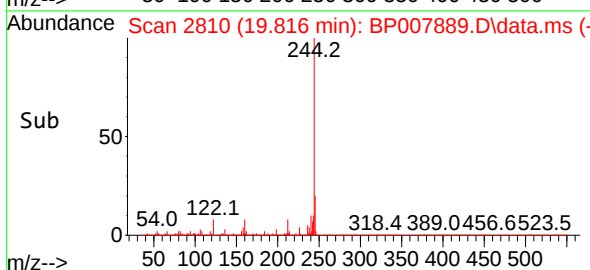
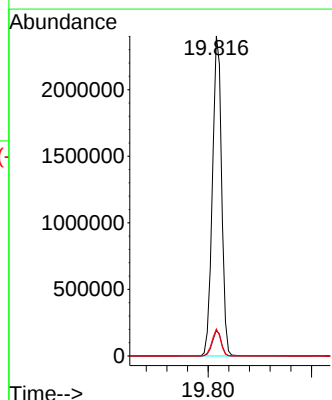
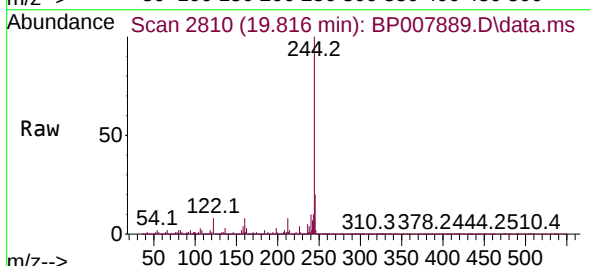
Tgt Ion:244 Resp: 2955460

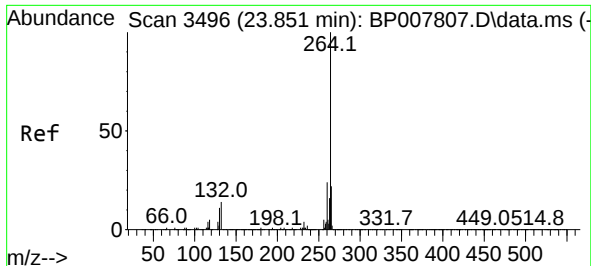
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 8.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BP007889.D
 Acq: 09 Nov 2021 13:41

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 738220
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.4 16.7 25.1

