

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121522\
 Data File : BP013118.D
 Acq On : 15 Dec 2022 13:26
 Operator : CG/JU
 Sample : N6024-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-21

Quant Time: Dec 16 05:42:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 03:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	630765	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	2531565	20.000	ng	-0.01
39) Acenaphthene-d10	14.598	164	1587048	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	3609871	20.000	ng	0.00
76) Chrysene-d12	21.439	240	3079053	20.000	ng	0.00
86) Perylene-d12	23.922	264	2811314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	5181741	150.099	ng	0.00
7) Phenol-d6	7.122	99	6320352	140.192	ng	0.00
23) Nitrobenzene-d5	9.128	82	4155167	89.982	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	3311614	173.067	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	9855141	84.315	ng	0.00
79) Terphenyl-d14	19.904	244	13416776	85.967	ng	0.00

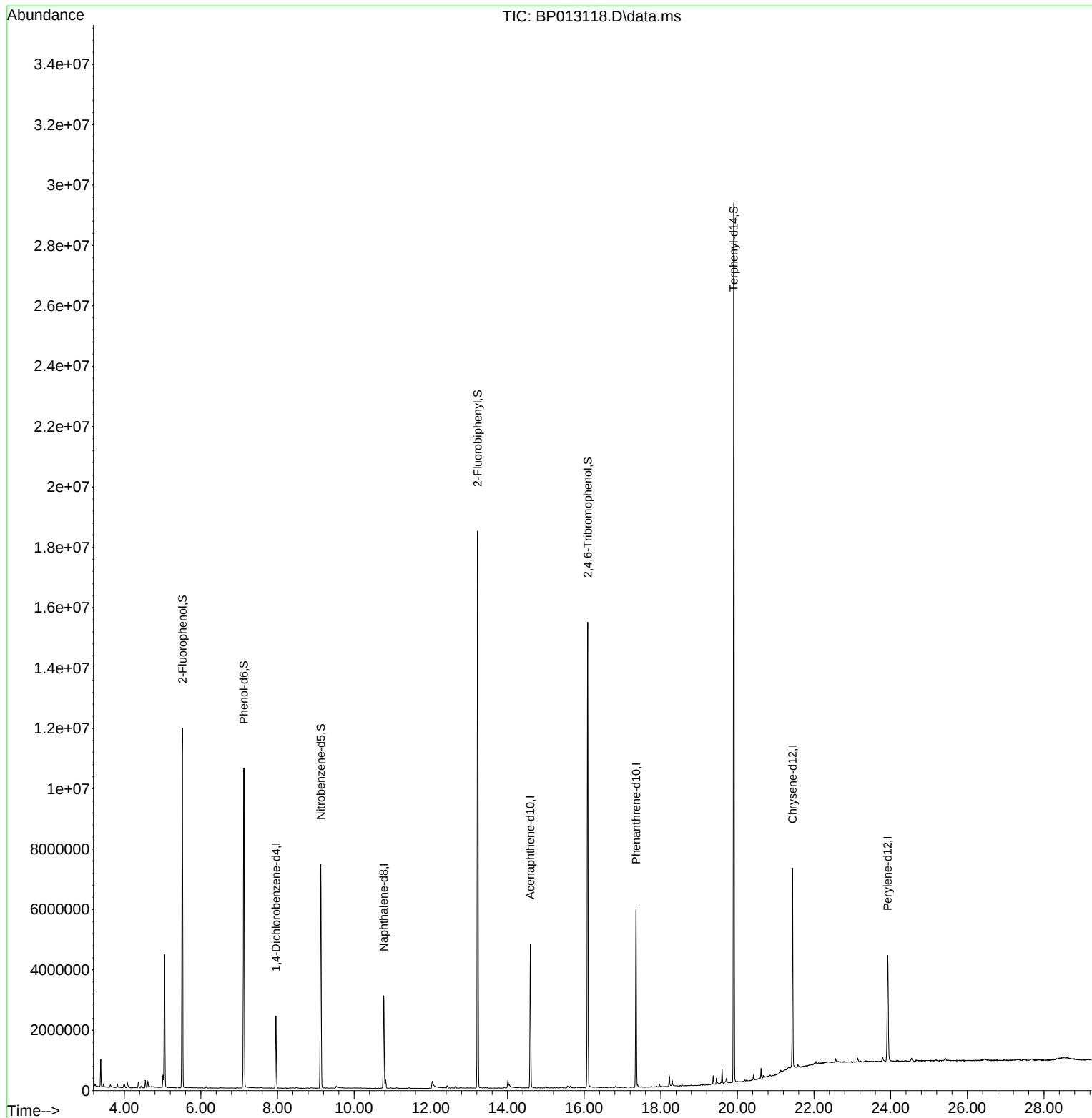
Target Compounds	Qvalue

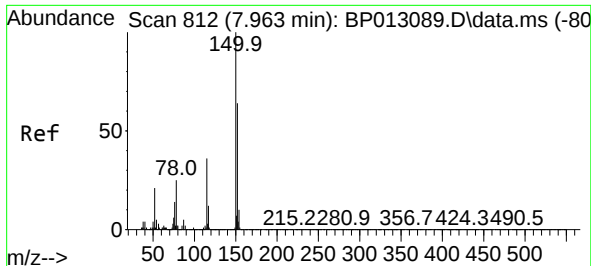
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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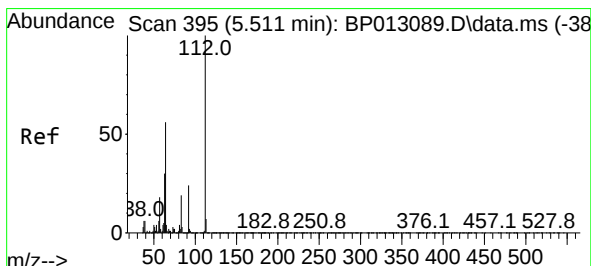
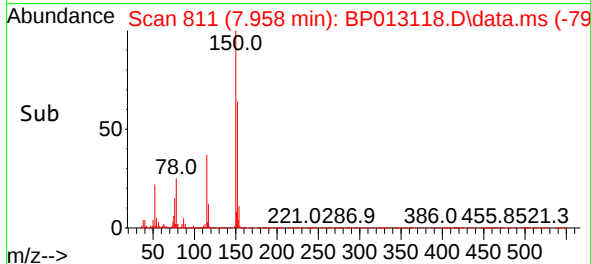
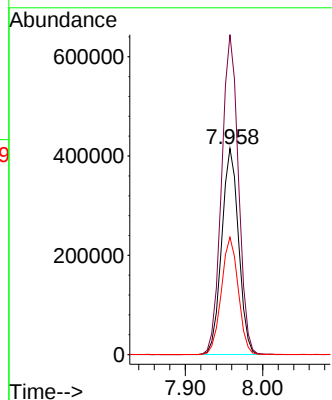
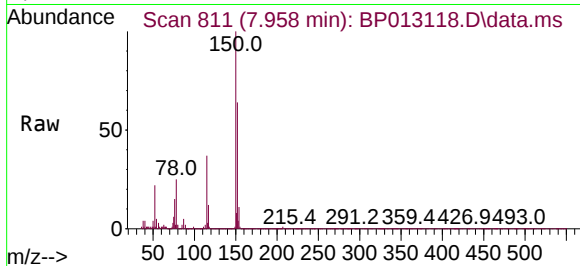




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

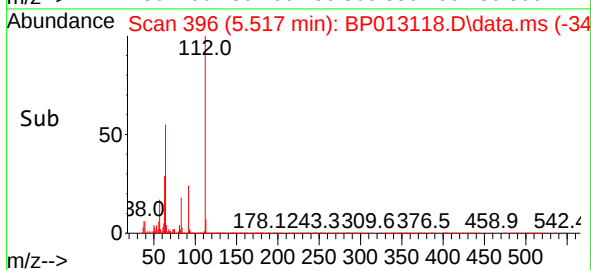
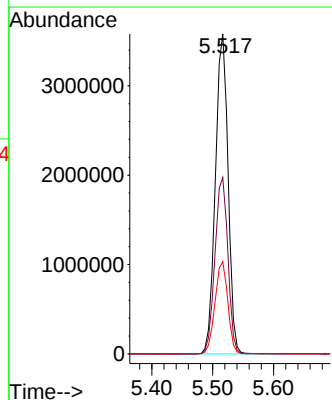
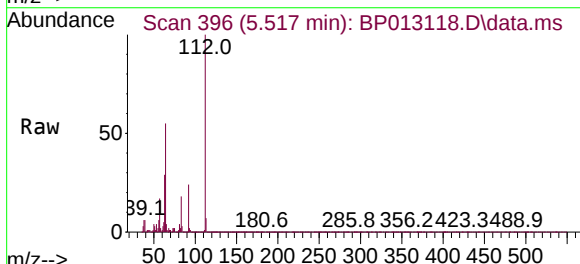
Instrument :
BNA_P
ClientSampleId :
MH-21

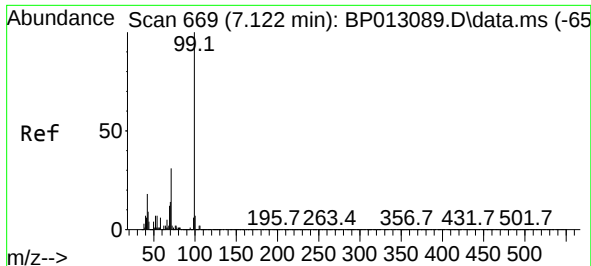
Tgt Ion:152 Resp: 630765
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 56.9 45.6 68.4



#5
2-Fluorophenol
Concen: 150.099 ng
RT: 5.517 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:112 Resp: 5181741
Ion Ratio Lower Upper
112 100
64 55.1 45.1 67.7
63 28.8 23.8 35.6

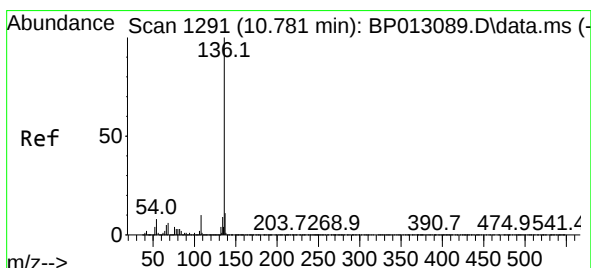
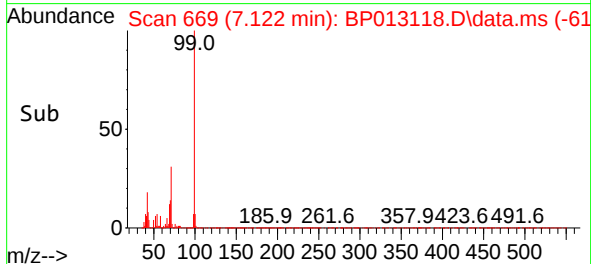
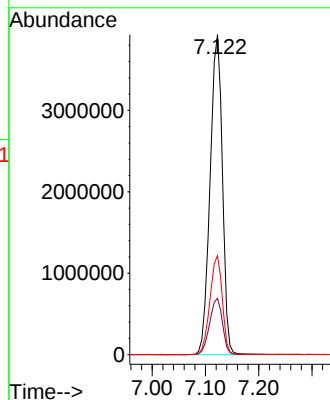
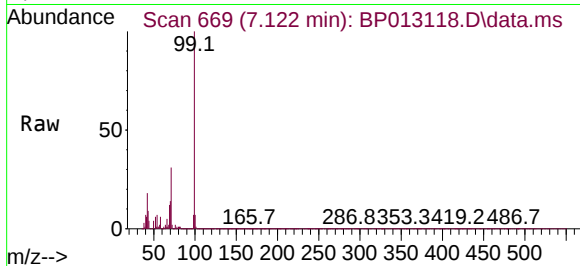




#7
Phenol-d6
Concen: 140.192 ng
RT: 7.122 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

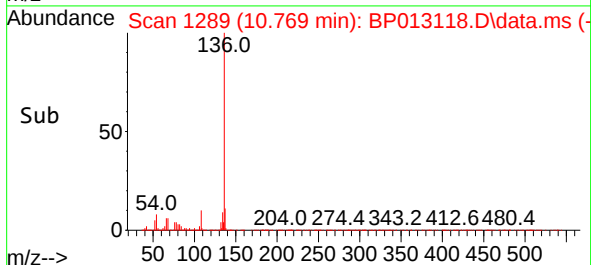
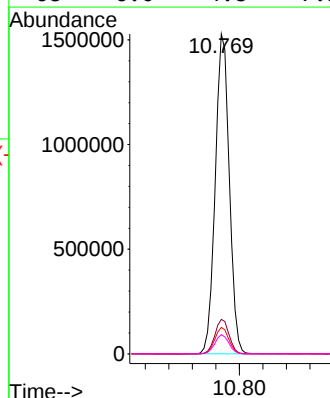
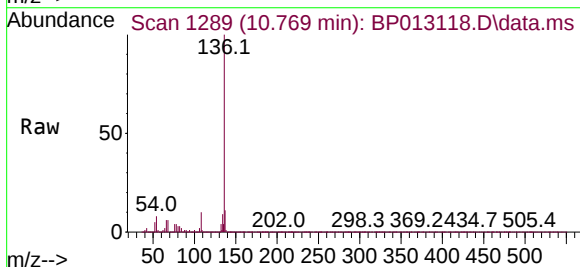
Instrument :
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ClientSampleId :
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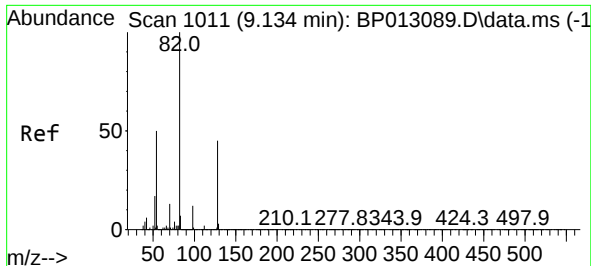
Tgt Ion: 99 Resp: 6320352
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:136 Resp: 2531565
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 6.2 9.4
68 6.0 4.8 7.2

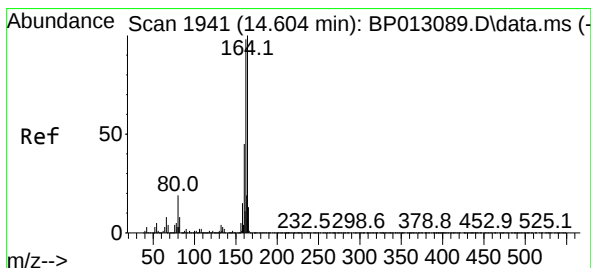
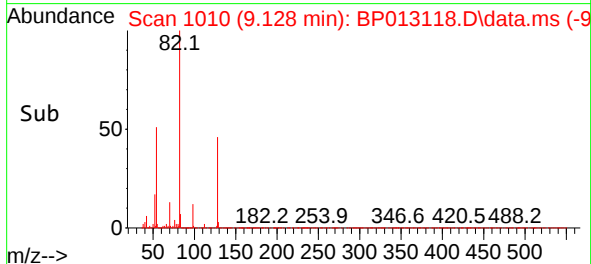
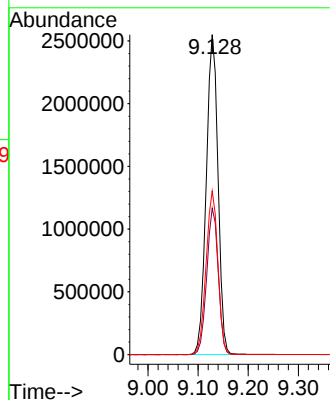
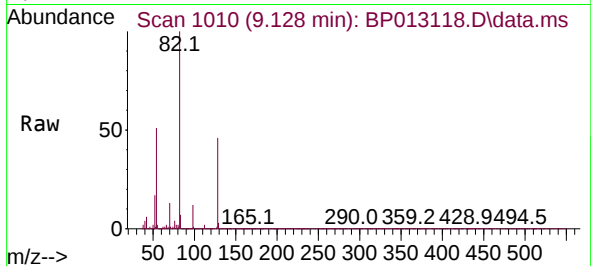




#23
Nitrobenzene-d5
Concen: 89.982 ng
RT: 9.128 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

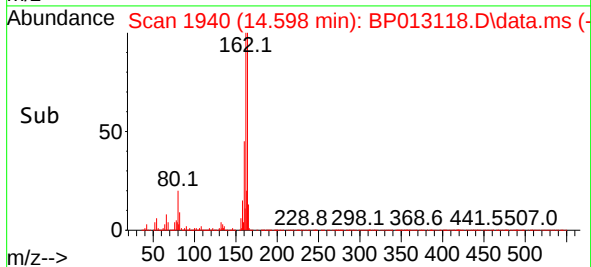
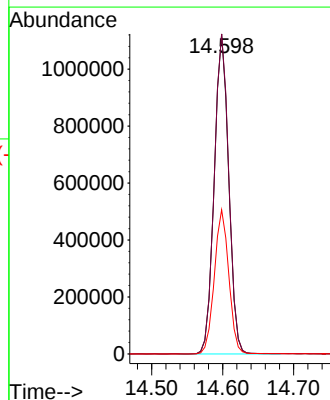
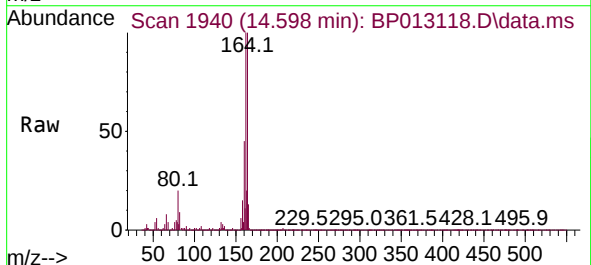
Instrument :
BNA_P
ClientSampleId :
MH-21

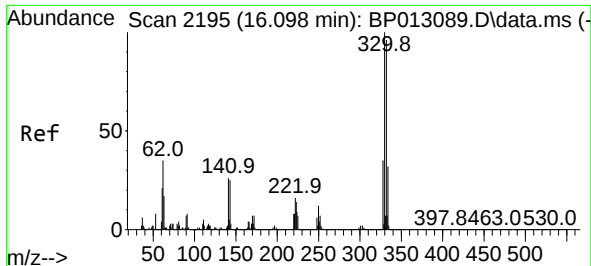
Tgt Ion: 82 Resp: 4155167
Ion Ratio Lower Upper
82 100
128 45.7 35.9 53.9
54 51.1 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:164 Resp: 1587048
Ion Ratio Lower Upper
164 100
162 100.0 78.8 118.2
160 45.0 36.0 54.0

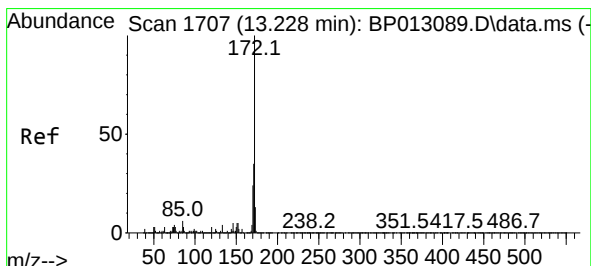
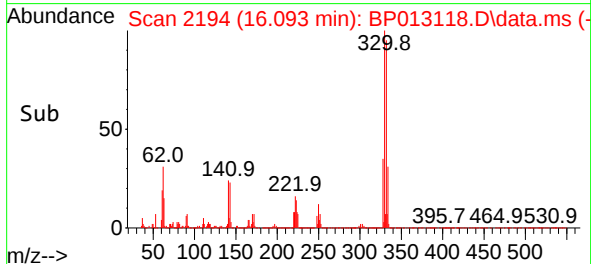
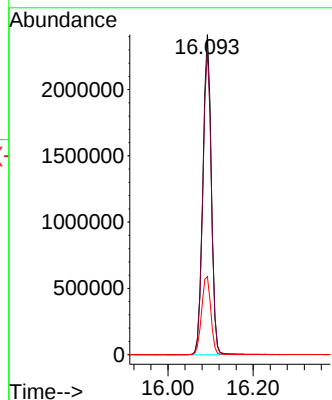
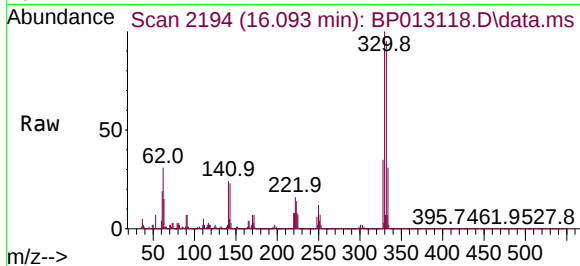




#42
2,4,6-Tribromophenol
Concen: 173.067 ng
RT: 16.093 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

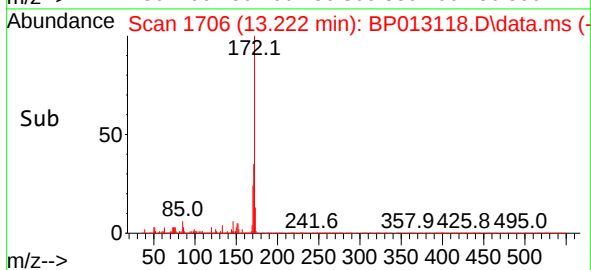
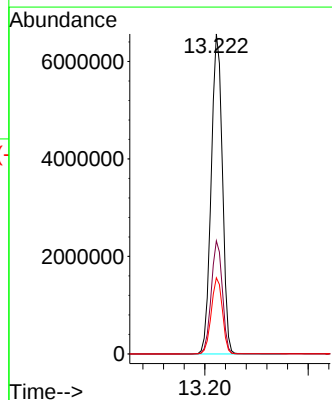
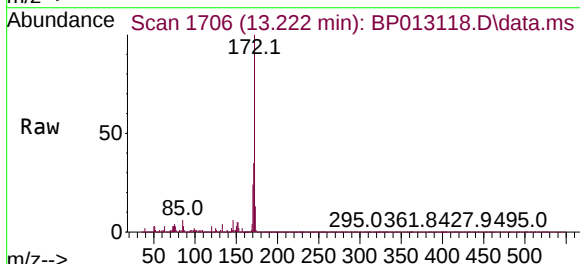
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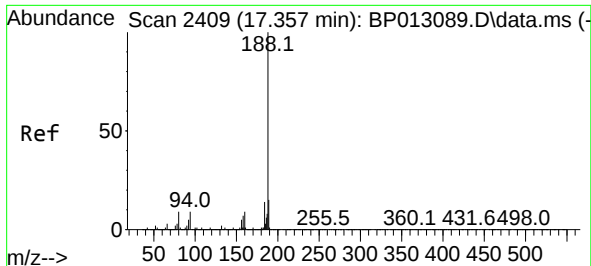
Tgt Ion:330 Resp: 3311614
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 26.7 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 84.315 ng
RT: 13.222 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:172 Resp: 9855141
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 19.2 28.8

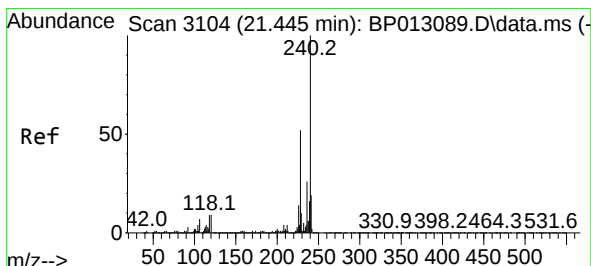
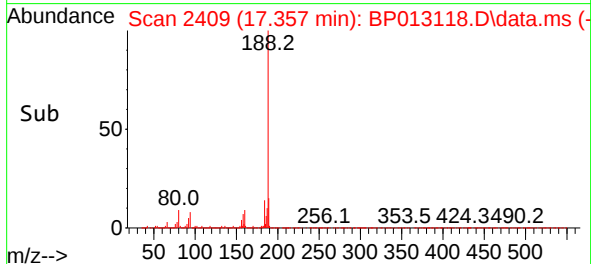
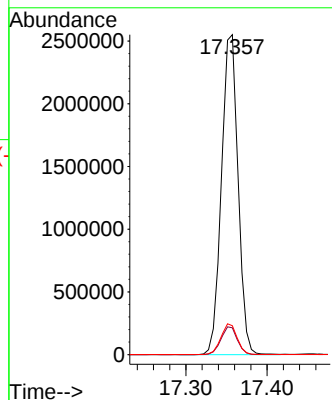
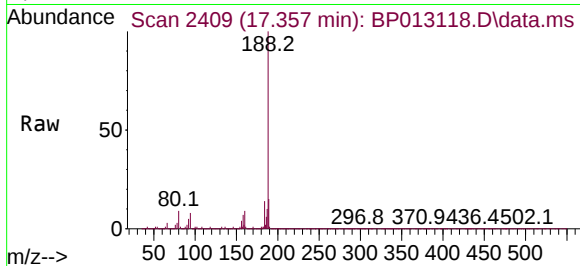




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

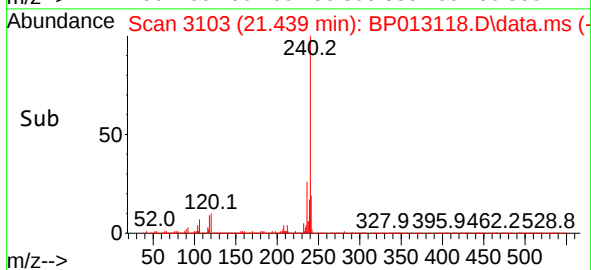
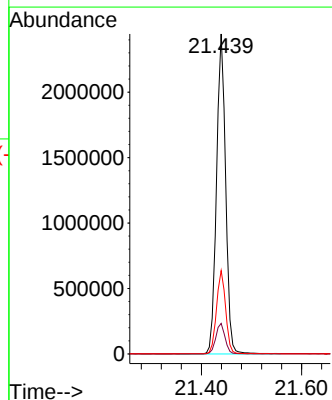
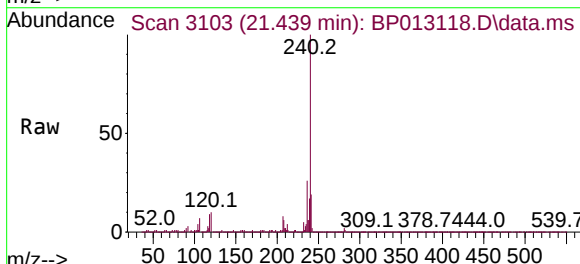
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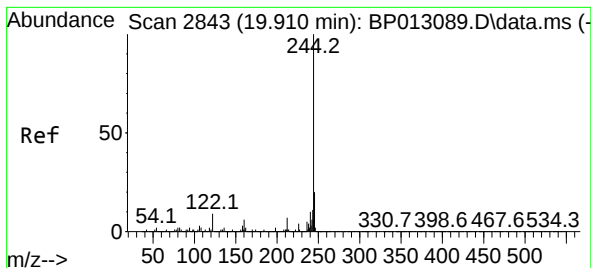
Tgt Ion:188 Resp: 3609871
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:240 Resp: 3079053
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 85.967 ng

RT: 19.904 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP013118.D

Acq: 15 Dec 2022 13:26

Instrument :

BNA_P

ClientSampleId :

MH-21

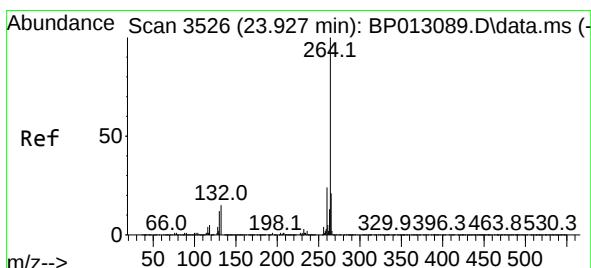
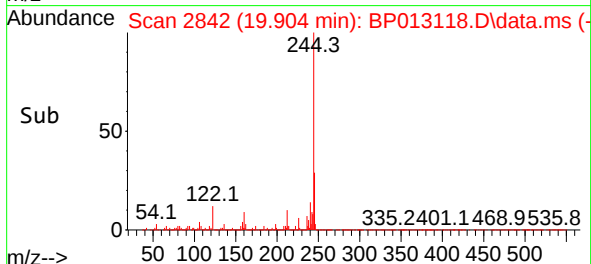
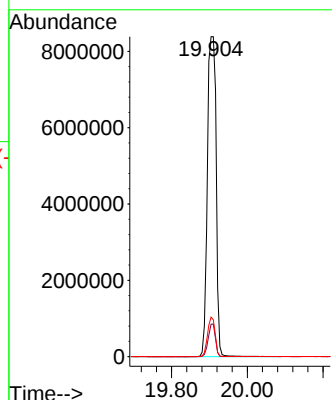
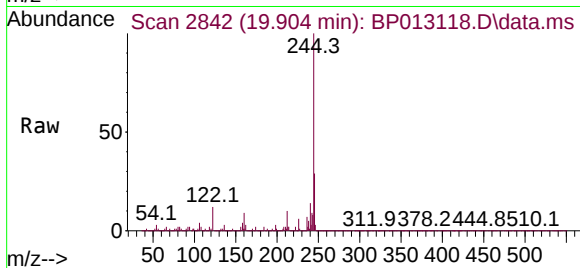
Tgt Ion:244 Resp:13416776

Ion Ratio Lower Upper

244 100

212 10.1 5.5 8.3#

122 12.3 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.922 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BP013118.D

Acq: 15 Dec 2022 13:26

Tgt Ion:264 Resp: 2811314

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.8 17.7 26.5

