

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008468.D
 Acq On : 17 Dec 2021 13:14
 Operator : CG/JU
 Sample : PB141340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141340BL

Quant Time: Dec 18 06:13:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	61350	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	223928	20.000	ng	# 0.00
39) Acenaphthene-d10	14.392	164	156717	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	353499	20.000	ng	0.00
76) Chrysene-d12	21.269	240	387656	20.000	ng	# 0.00
86) Perylene-d12	23.645	264	401088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	575625	148.174	ng	-0.01
7) Phenol-d6	6.928	99	725129	138.980	ng	-0.01
23) Nitrobenzene-d5	8.899	82	471963	89.291	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	323702	140.552	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1022735	82.958	ng	-0.01
79) Terphenyl-d14	19.733	244	1930524	86.671	ng	0.00

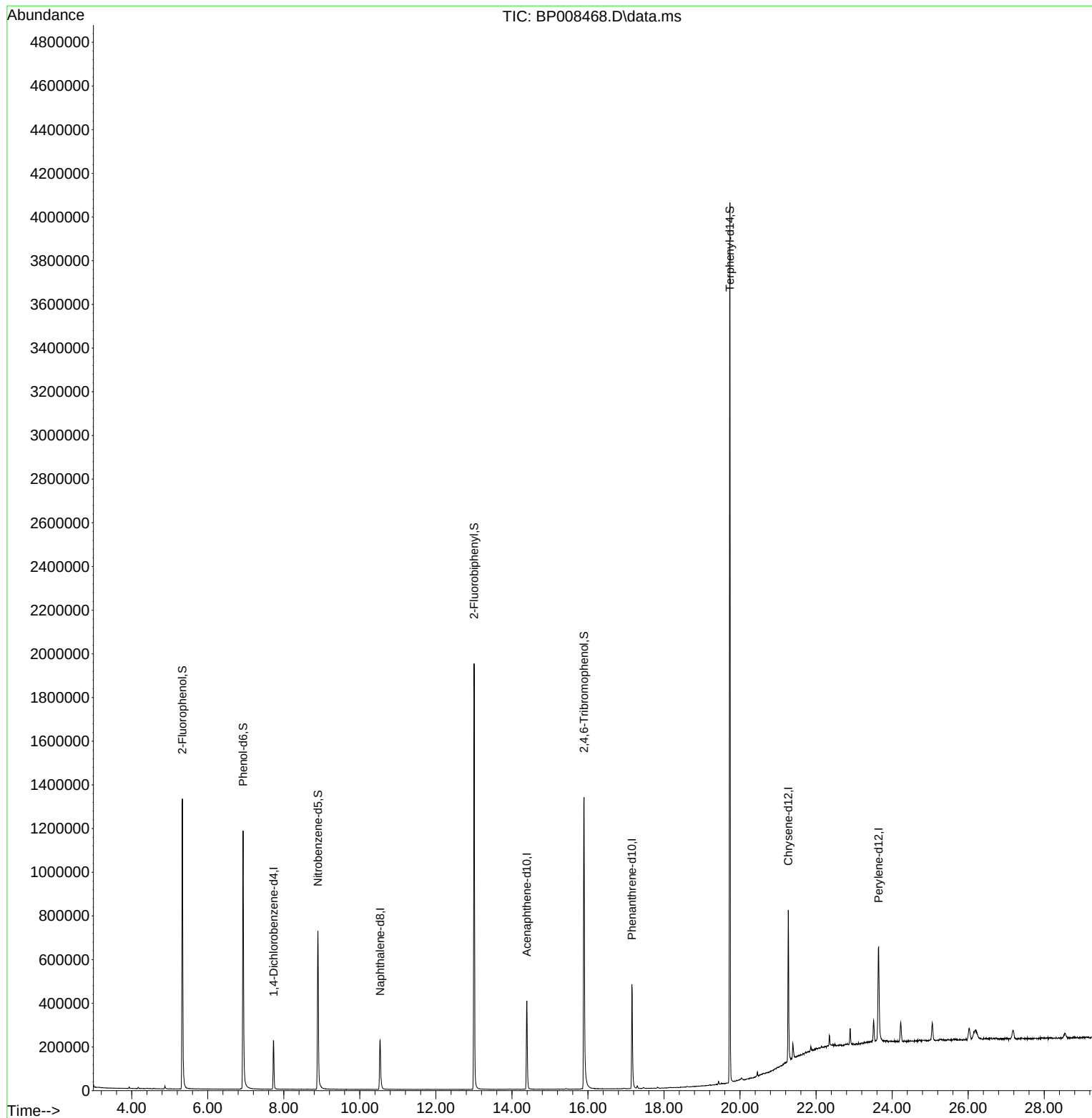
Target Compounds	Qvalue

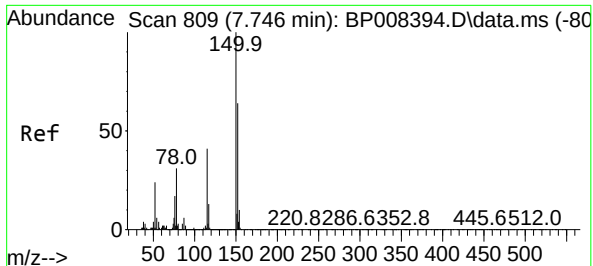
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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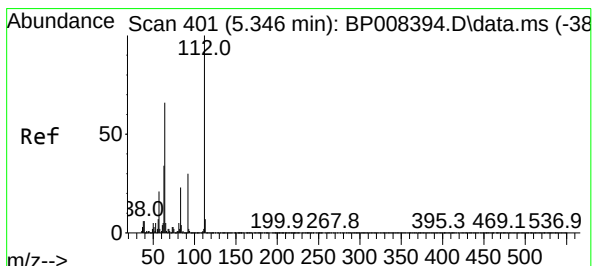
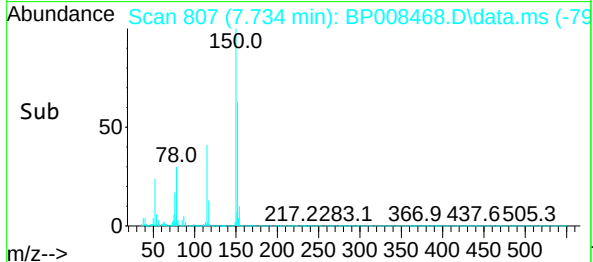
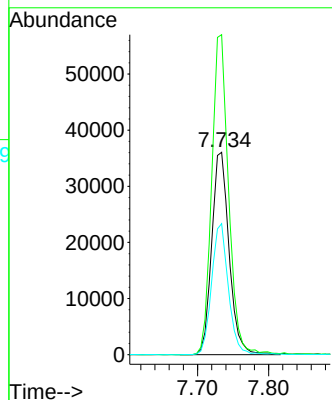
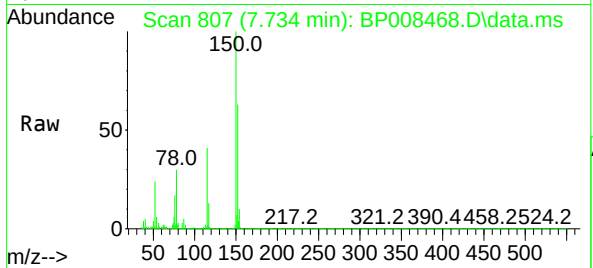




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

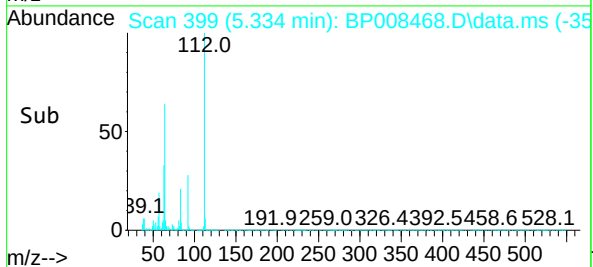
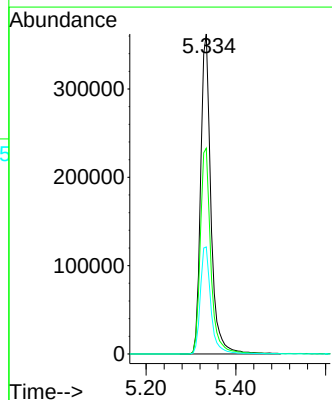
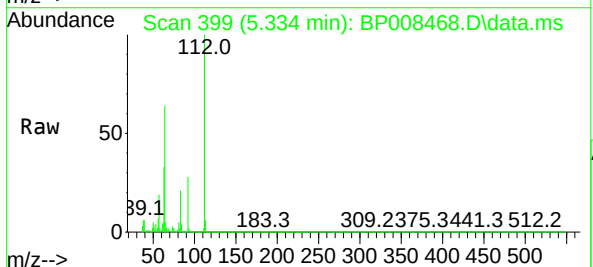
Instrument :
BNA_P
ClientSampleId :
PB141340BL

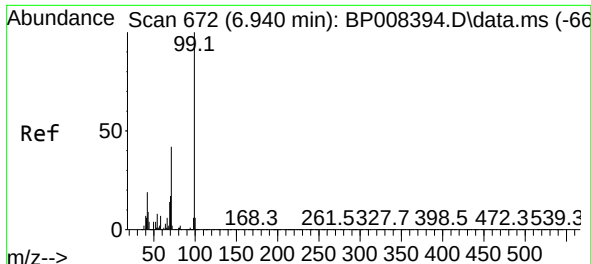
Tgt Ion:152 Resp: 61350
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 64.7 50.7 76.1



#5
2-Fluorophenol
Concen: 148.174 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Tgt Ion:112 Resp: 575625
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 33.4 27.8 41.8

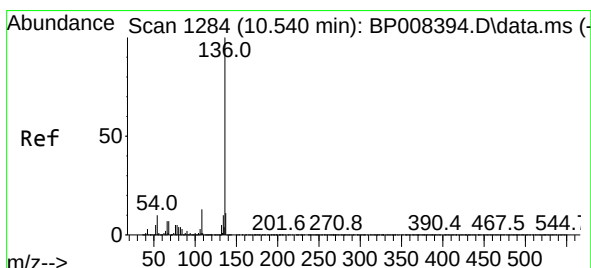
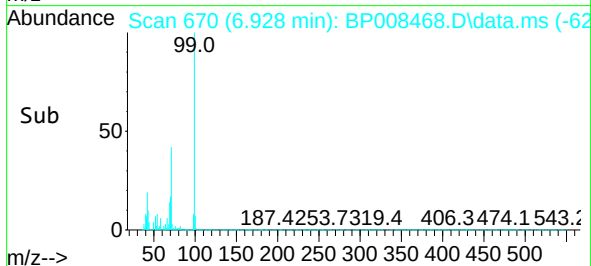
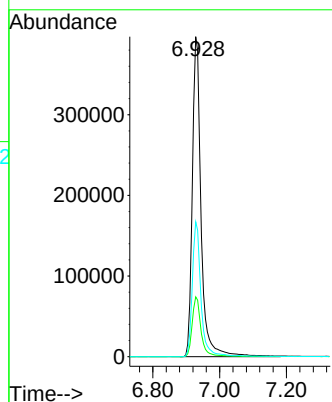
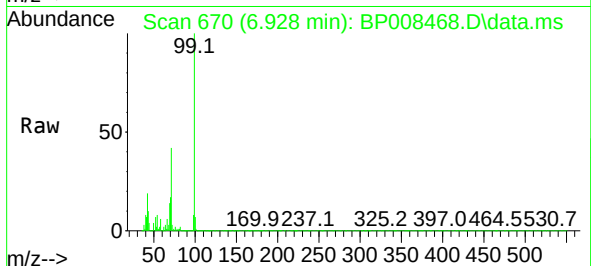




#7
Phenol-d6
Concen: 138.980 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

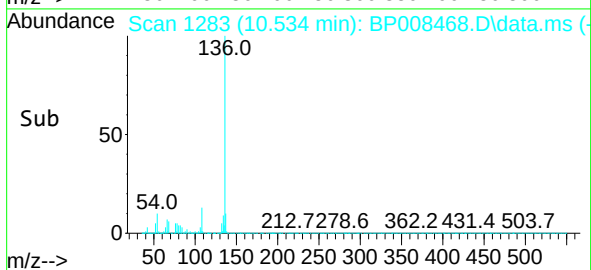
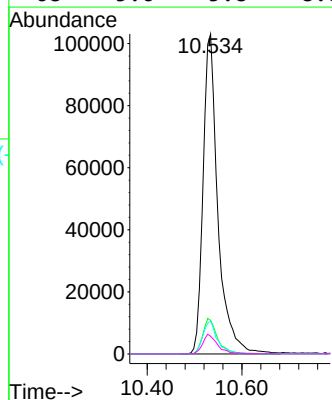
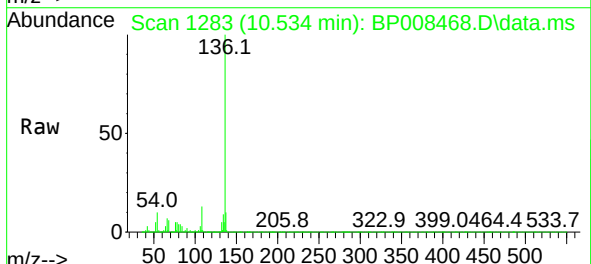
Instrument :
BNA_P
ClientSampleId :
PB141340BL

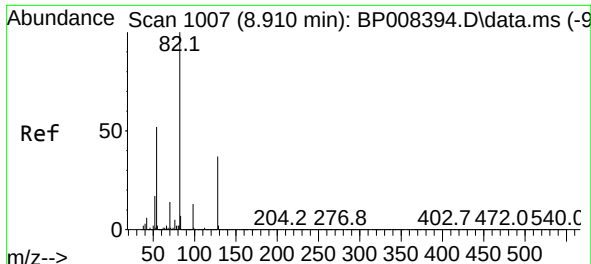
Tgt Ion: 99 Resp: 725129
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 42.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Tgt Ion: 136 Resp: 223928
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 10.2 8.2 12.4
68 5.6 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 89.291 ng

RT: 8.899 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BP008468.D

Acq: 17 Dec 2021 13:14

Instrument :

BNA_P

ClientSampleId :

PB141340BL

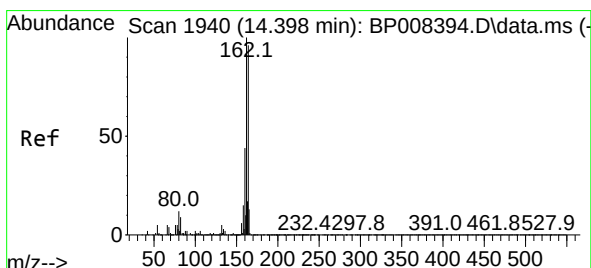
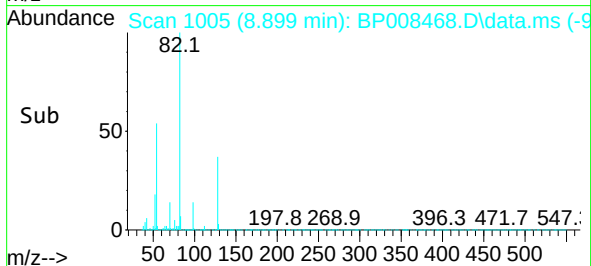
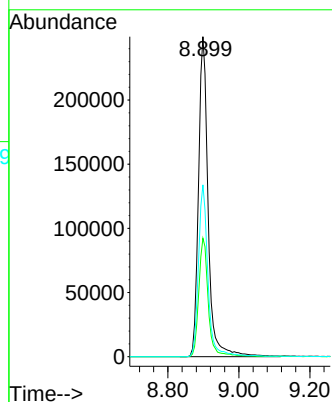
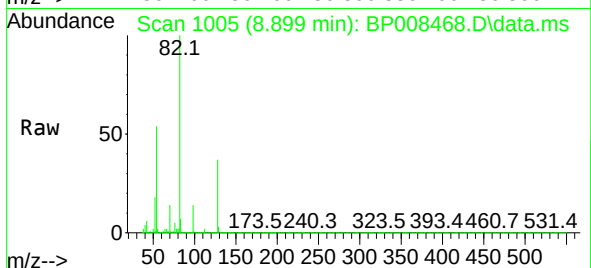
Tgt Ion: 82 Resp: 471963

Ion Ratio Lower Upper

82 100

128 37.0 29.6 44.4

54 53.7 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BP008468.D

Acq: 17 Dec 2021 13:14

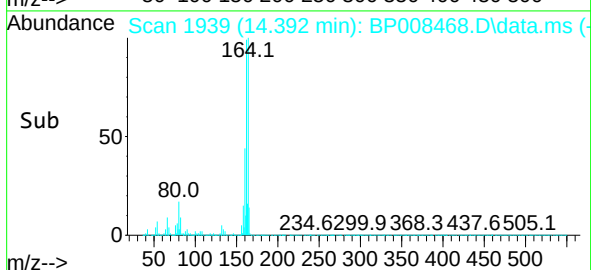
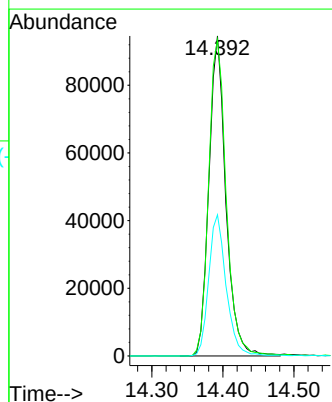
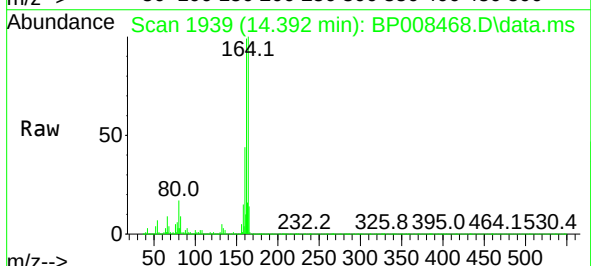
Tgt Ion: 164 Resp: 156717

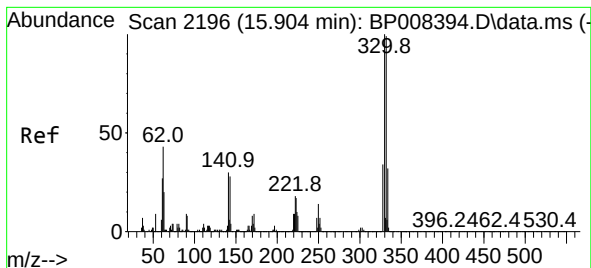
Ion Ratio Lower Upper

164 100

162 98.9 81.9 122.9

160 44.1 35.4 53.0

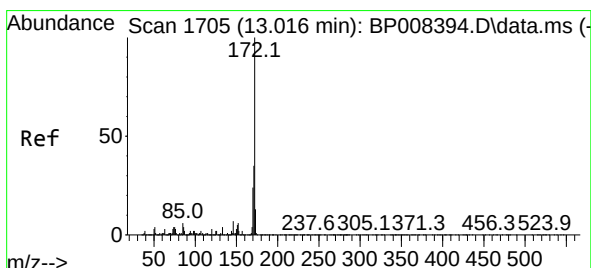
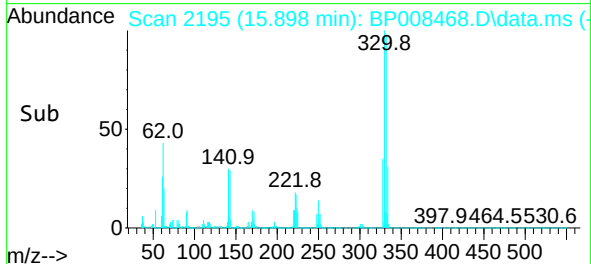
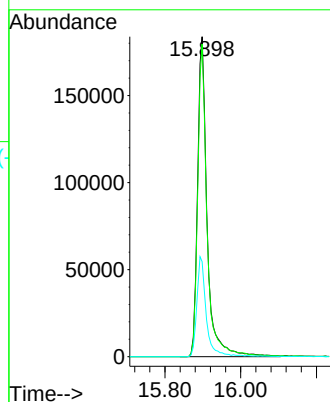
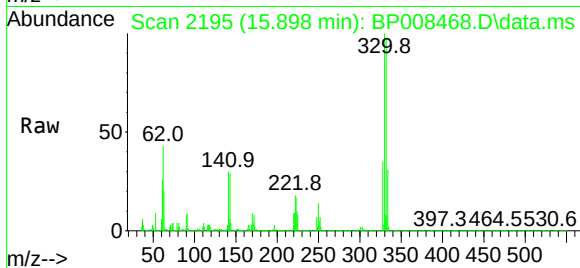




#42
2,4,6-Tribromophenol
Concen: 140.552 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

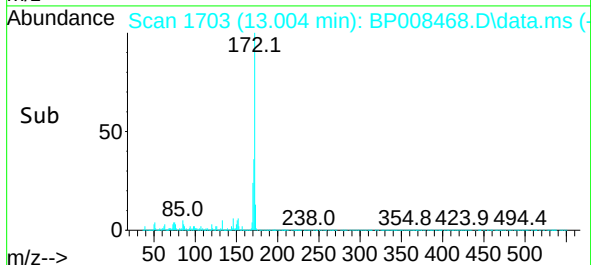
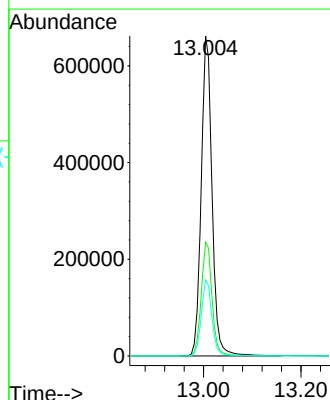
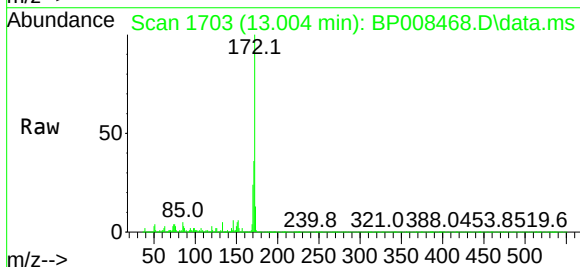
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PB141340BL

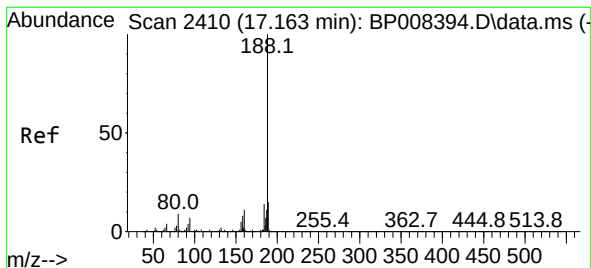
Tgt Ion:330 Resp: 323702
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 31.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 82.958 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Tgt Ion:172 Resp: 1022735
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP008468.D

Acq: 17 Dec 2021 13:14

Instrument :

BNA_P

ClientSampleId :

PB141340BL

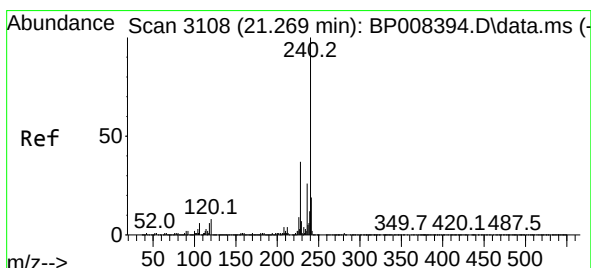
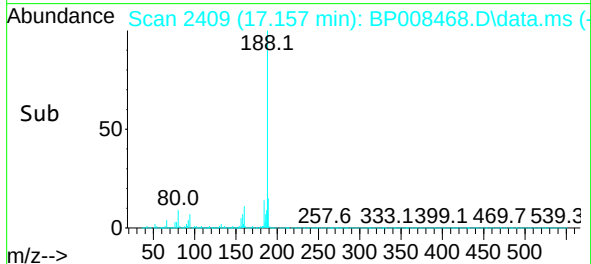
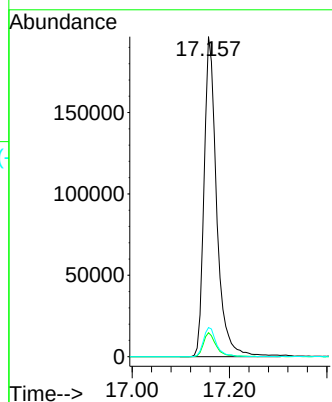
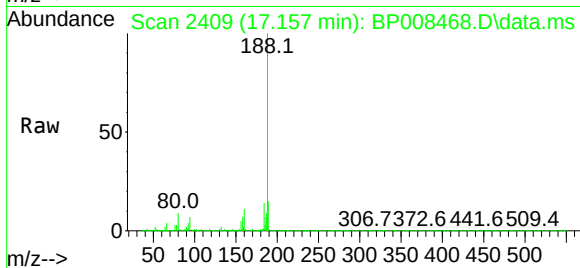
Tgt Ion:188 Resp: 353499

Ion Ratio Lower Upper

188 100

94 7.5 7.2 10.8

80 9.1 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.269 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BP008468.D

Acq: 17 Dec 2021 13:14

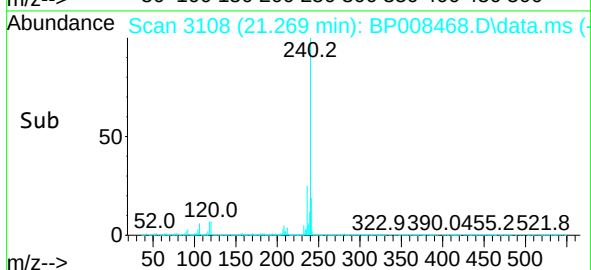
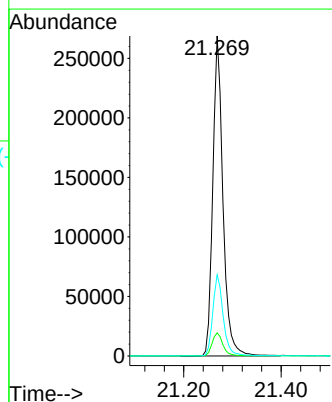
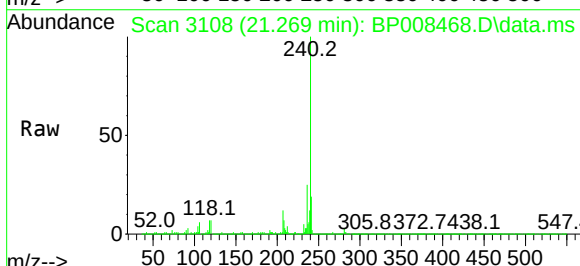
Tgt Ion:240 Resp: 387656

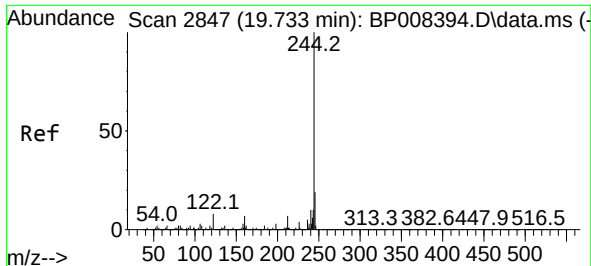
Ion Ratio Lower Upper

240 100

120 7.2 7.3 10.9#

236 25.4 21.4 32.2

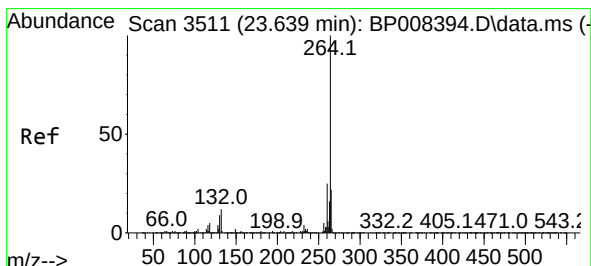
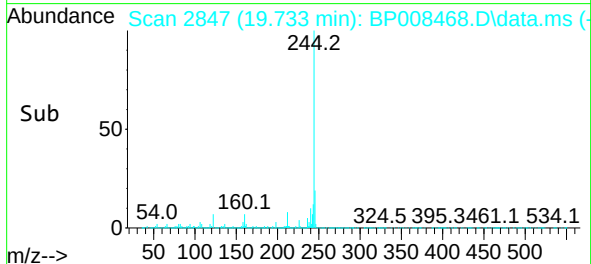
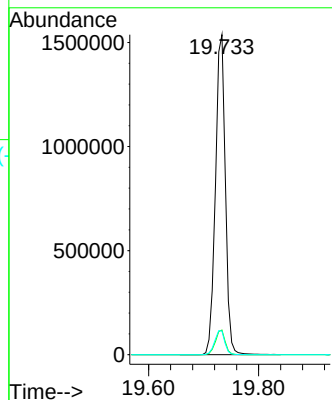
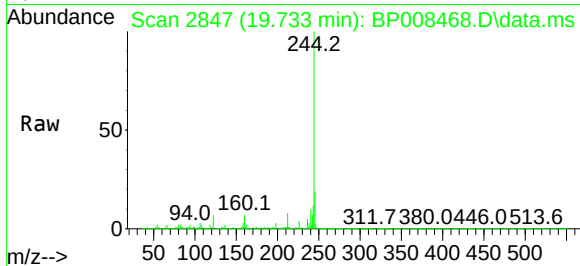




#79
 Terphenyl-d14
 Concen: 86.671 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008468.D
 Acq: 17 Dec 2021 13:14

Instrument :
 BNA_P
 ClientSampleId :
 PB141340BL

Tgt Ion:244 Resp: 1930524
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 7.4 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.645 min Scan# 3512
 Delta R.T. 0.006 min
 Lab File: BP008468.D
 Acq: 17 Dec 2021 13:14

Tgt Ion:264 Resp: 401088
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.9 17.6 26.4

