

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021961.D
 Acq On : 20 Sep 2024 10:28
 Operator : RC/JU
 Sample : PB163110BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163110BL

Quant Time: Sep 20 11:01:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	61243	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	204152	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	136973	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	307906	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	341835	20.000	ng	-0.01
86) Perylene-d12	24.833	264	416585	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	530211	162.698	ng	0.00
7) Phenol-d6	6.899	99	626213	148.020	ng	0.00
23) Nitrobenzene-d5	8.852	82	422064	109.393	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	390775	153.889	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1038212	110.646	ng	0.00
79) Terphenyl-d14	19.851	244	2118525	116.419	ng	0.00

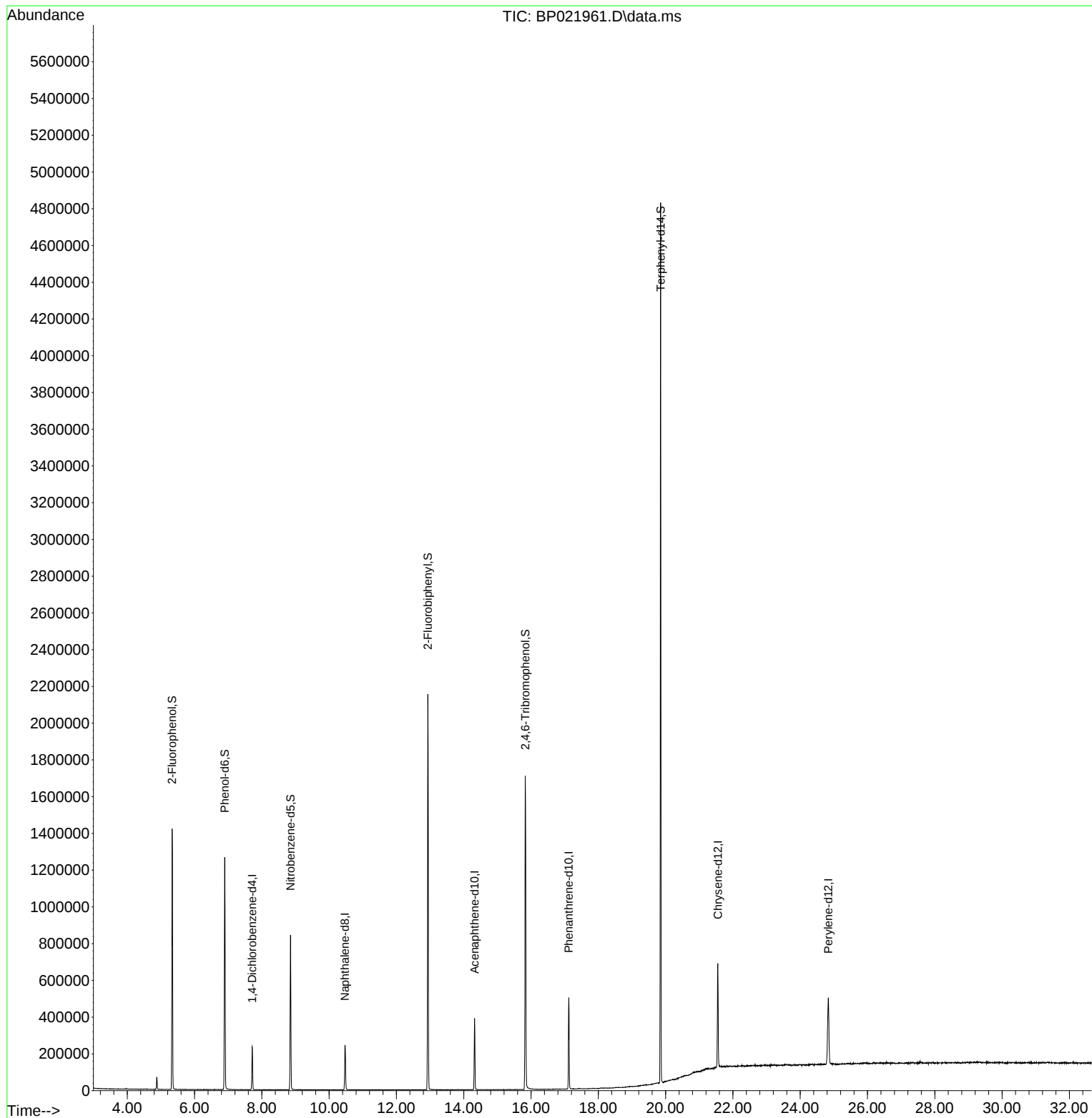
Target Compounds	Qvalue

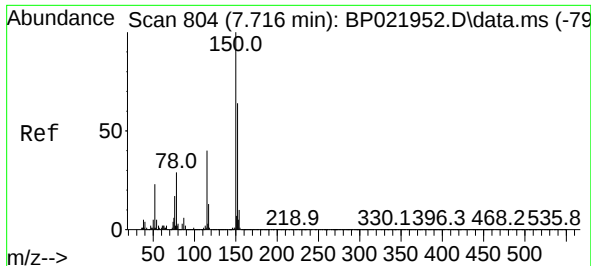
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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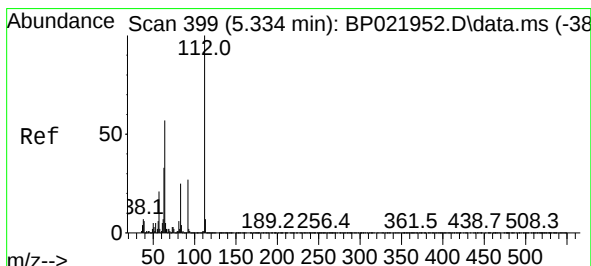
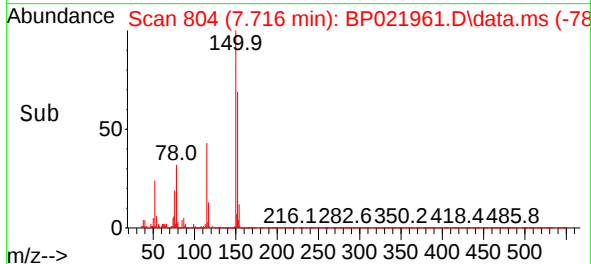
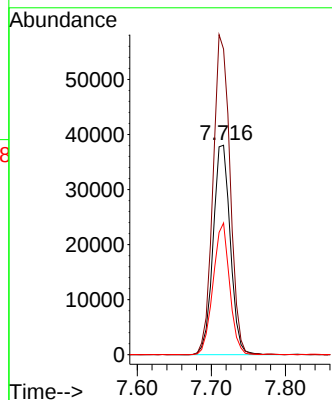
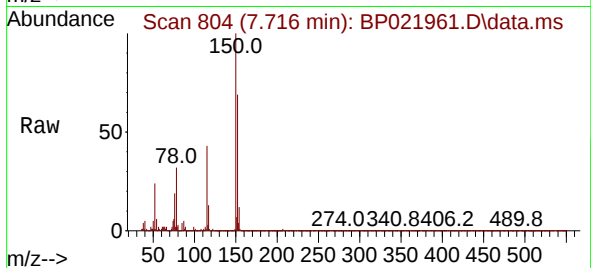




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP021961.D
Acq: 20 Sep 2024 10:28

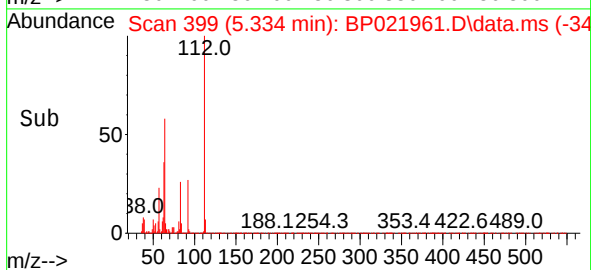
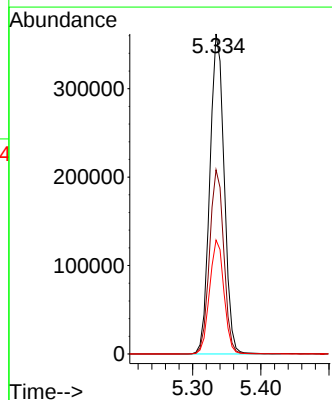
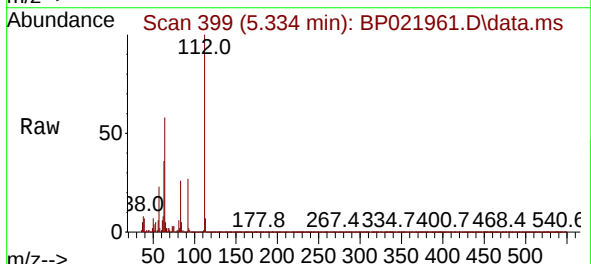
Instrument :
BNA_P
ClientSampleId :
PB163110BL

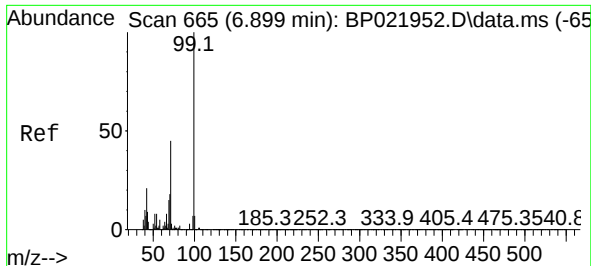
Tgt Ion:152 Resp: 61243
Ion Ratio Lower Upper
152 100
150 145.9 124.2 186.2
115 62.9 49.2 73.8



#5
2-Fluorophenol
Concen: 162.698 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021961.D
Acq: 20 Sep 2024 10:28

Tgt Ion:112 Resp: 530211
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.0
63 35.6 26.6 39.8

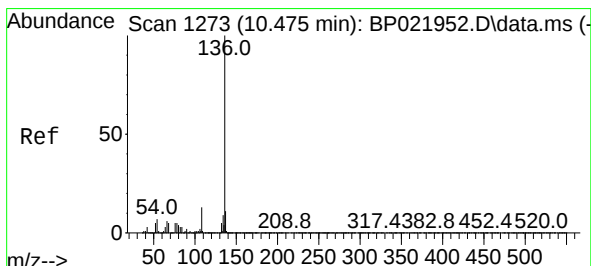
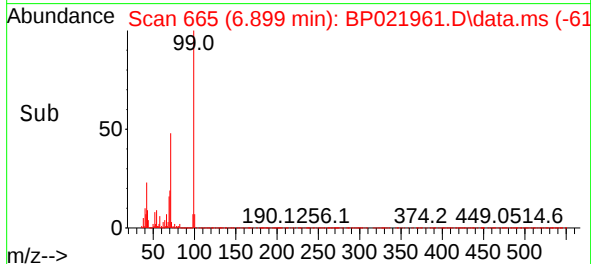
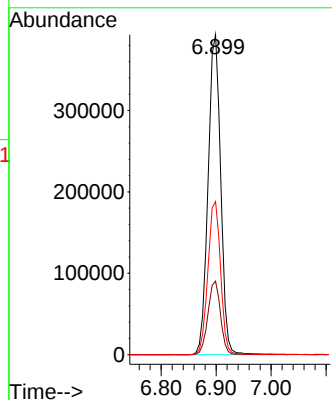
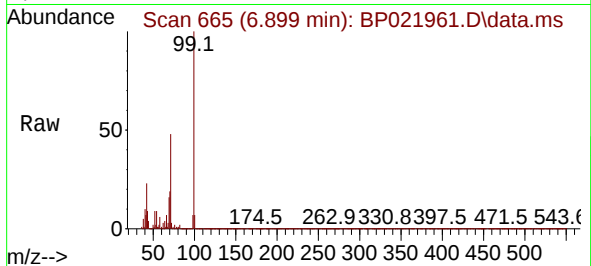




#7
Phenol-d6
Concen: 148.020 ng
RT: 6.899 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021961.D
Acq: 20 Sep 2024 10:28

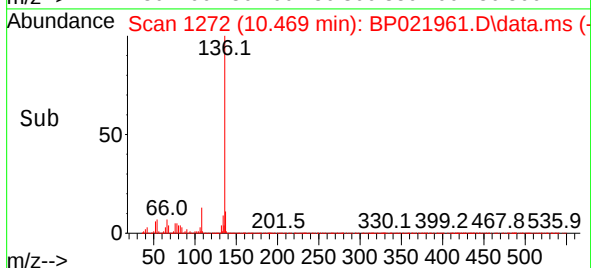
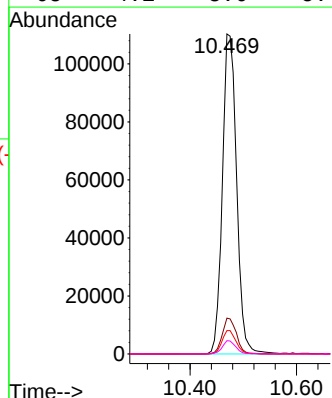
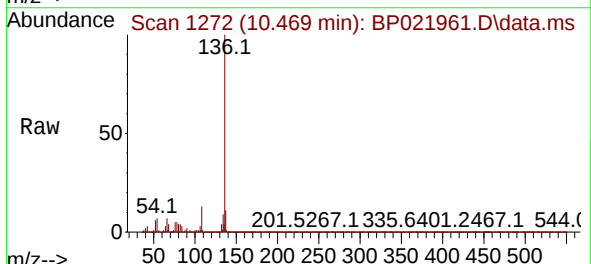
Instrument :
BNA_P
ClientSampleId :
PB163110BL

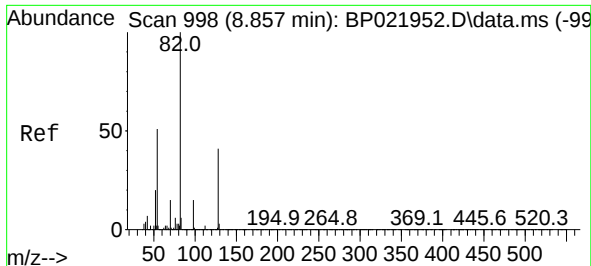
Tgt Ion: 99 Resp: 626213
Ion Ratio Lower Upper
99 100
42 23.0 16.8 25.2
71 47.9 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP021961.D
Acq: 20 Sep 2024 10:28

Tgt Ion:136 Resp: 204152
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.3 5.5 8.3
68 4.1 3.6 5.4

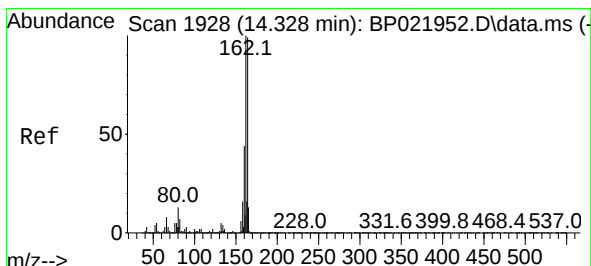
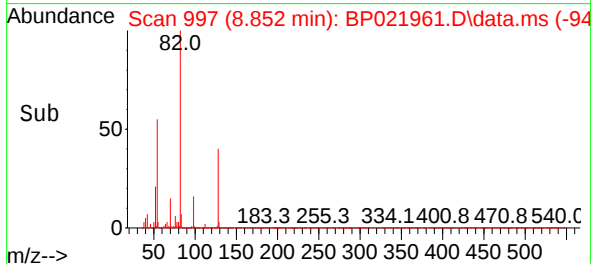
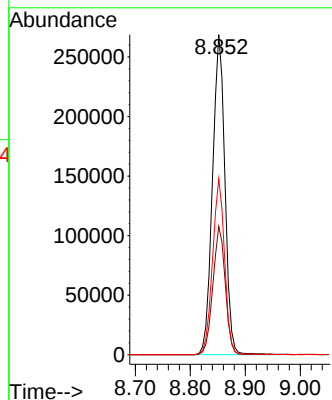
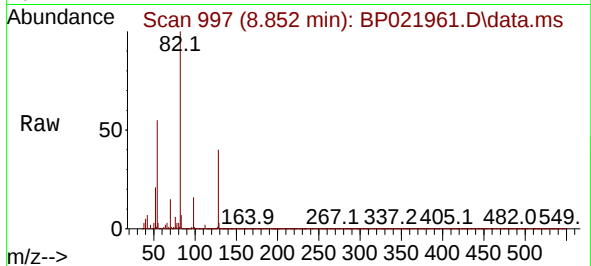




#23
Nitrobenzene-d5
Concen: 109.393 ng
RT: 8.852 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021961.D
Acq: 20 Sep 2024 10:28

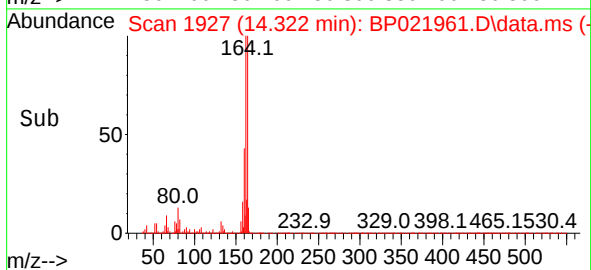
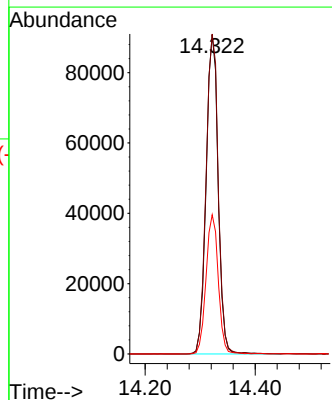
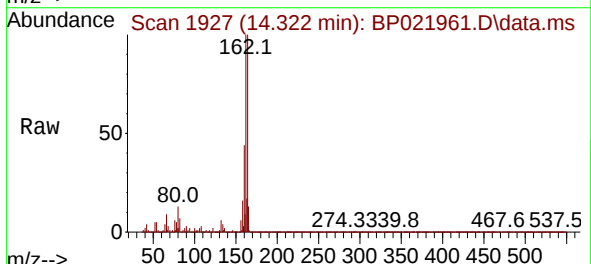
Instrument :
BNA_P
ClientSampleId :
PB163110BL

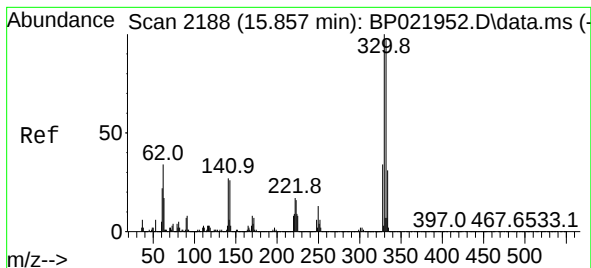
Tgt Ion: 82 Resp: 422064
Ion Ratio Lower Upper
82 100
128 40.1 33.1 49.7
54 54.9 40.3 60.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.322 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP021961.D
Acq: 20 Sep 2024 10:28

Tgt Ion:164 Resp: 136973
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 43.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 153.889 ng

RT: 15.834 min Scan# 2188

Delta R.T. -0.023 min

Lab File: BP021961.D

Acq: 20 Sep 2024 10:28

Instrument :

BNA_P

ClientSampleId :

PB163110BL

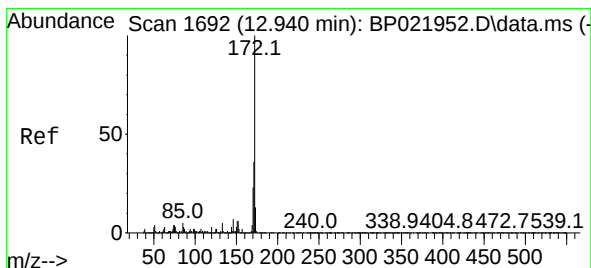
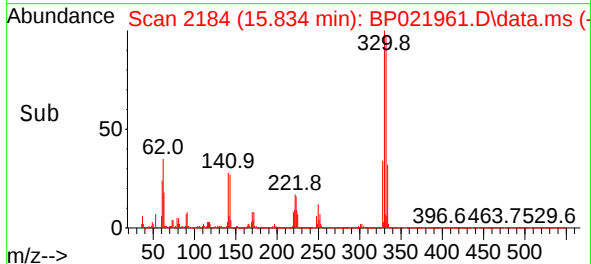
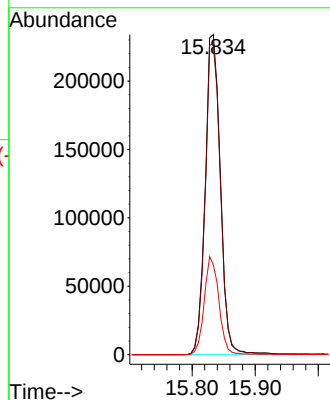
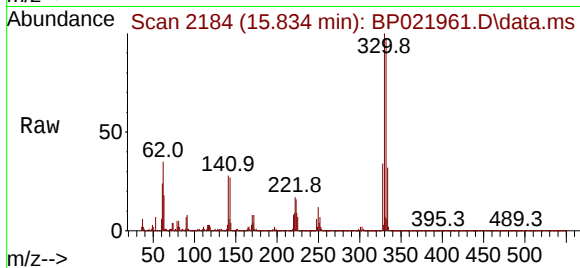
Tgt Ion:330 Resp: 390775

Ion Ratio Lower Upper

330 100

332 97.8 77.5 116.3

141 29.6 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 110.646 ng

RT: 12.934 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP021961.D

Acq: 20 Sep 2024 10:28

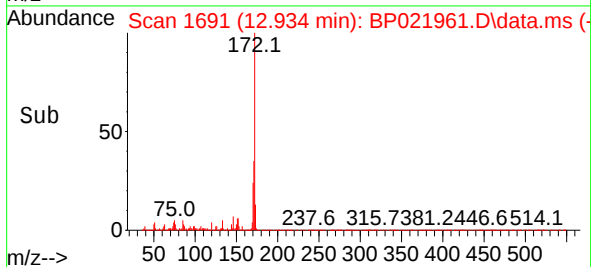
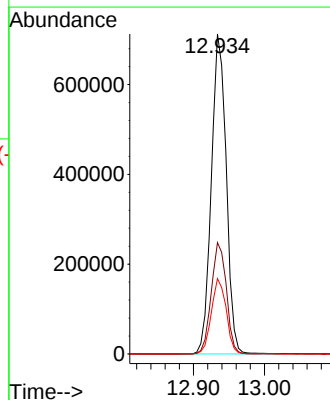
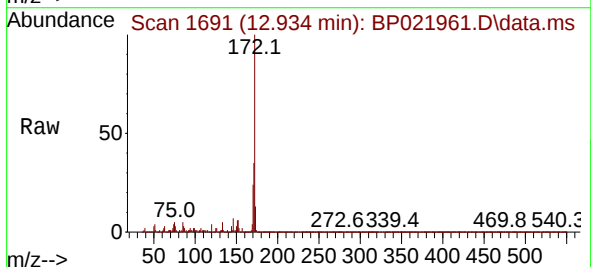
Tgt Ion:172 Resp: 1038212

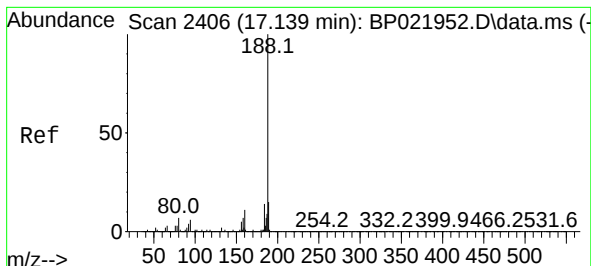
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BP021961.D

Acq: 20 Sep 2024 10:28

Instrument :

BNA_P

ClientSampleId :

PB163110BL

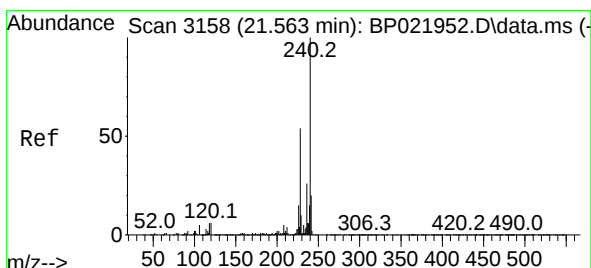
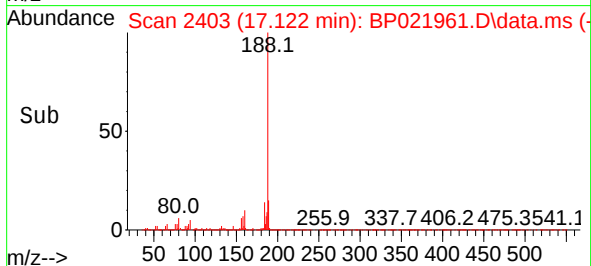
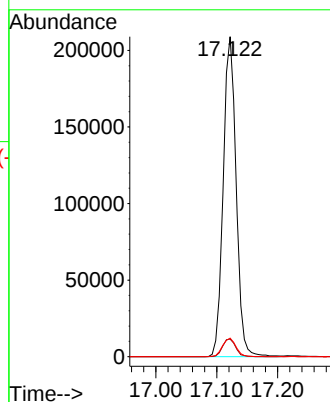
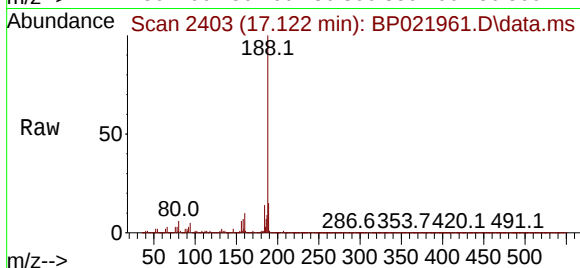
Tgt Ion:188 Resp: 307906

Ion Ratio Lower Upper

188 100

94 5.5 4.6 6.8

80 5.8 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.551 min Scan# 3156

Delta R.T. -0.012 min

Lab File: BP021961.D

Acq: 20 Sep 2024 10:28

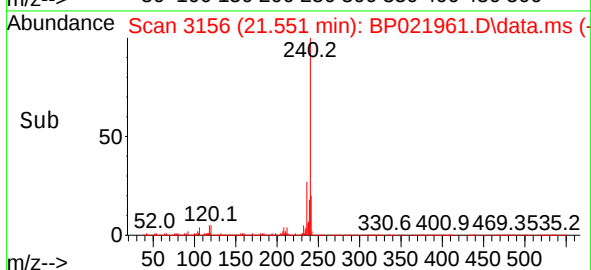
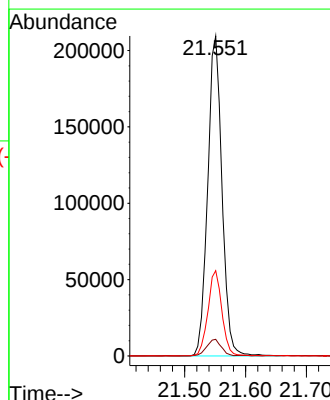
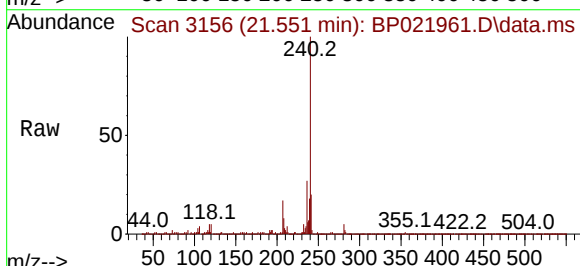
Tgt Ion:240 Resp: 341835

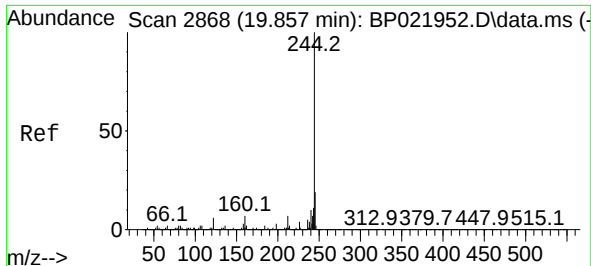
Ion Ratio Lower Upper

240 100

120 5.2 5.1 7.7

236 26.7 20.7 31.1

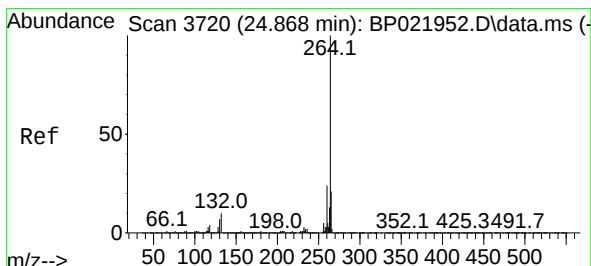
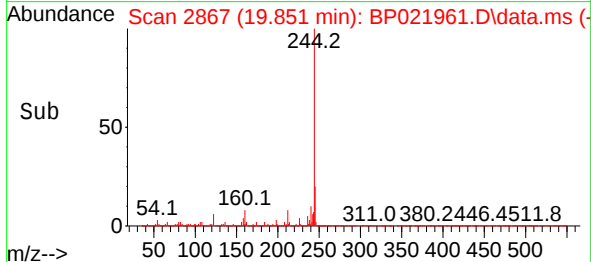
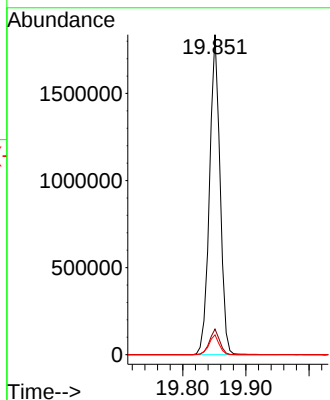
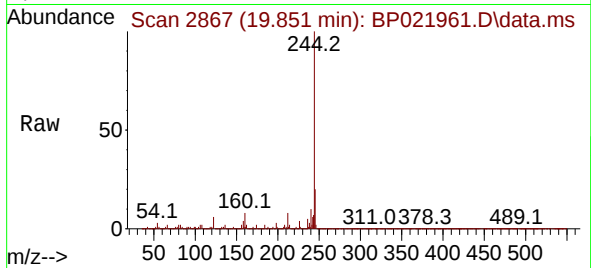




#79
 Terphenyl-d14
 Concen: 116.419 ng
 RT: 19.851 min Scan# 2118
 Delta R.T. -0.006 min
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 Acq: 20 Sep 2024 10:28

Instrument :
 BNA_P
 ClientSampleId :
 PB163110BL

Tgt Ion:244 Resp: 2118525
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.833 min Scan# 3714
 Delta R.T. -0.035 min
 Lab File: BP021961.D
 Acq: 20 Sep 2024 10:28

Tgt Ion:264 Resp: 416585
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 22.0 17.5 26.3

