

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021983.D
 Acq On : 23 Sep 2024 15:28
 Operator : RC/JU
 Sample : PB163571BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163571BL

Quant Time: Sep 23 16:25:38 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	7.669	152	83830	20.000	ng	-0.05
21) Naphthalene-d8	10.439	136	288413	20.000	ng	-0.04
39) Acenaphthene-d10	14.310	164	180364	20.000	ng	-0.02
64) Phenanthrene-d10	17.127	188	445041	20.000	ng	-0.01
76) Chrysene-d12	21.557	240	556101	20.000	ng	0.00
86) Perylene-d12	24.856	264	660809	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	620510	139.104	ng	-0.04
7) Phenol-d6	6.851	99	744883	128.630	ng	-0.05
23) Nitrobenzene-d5	8.810	82	499970	91.726	ng	-0.05
42) 2,4,6-Tribromophenol	15.833	330	525825	157.256	ng	-0.02
45) 2-Fluorobiphenyl	12.922	172	1189514	96.273	ng	-0.02
79) Terphenyl-d14	19.851	244	2997559	101.256	ng	0.00

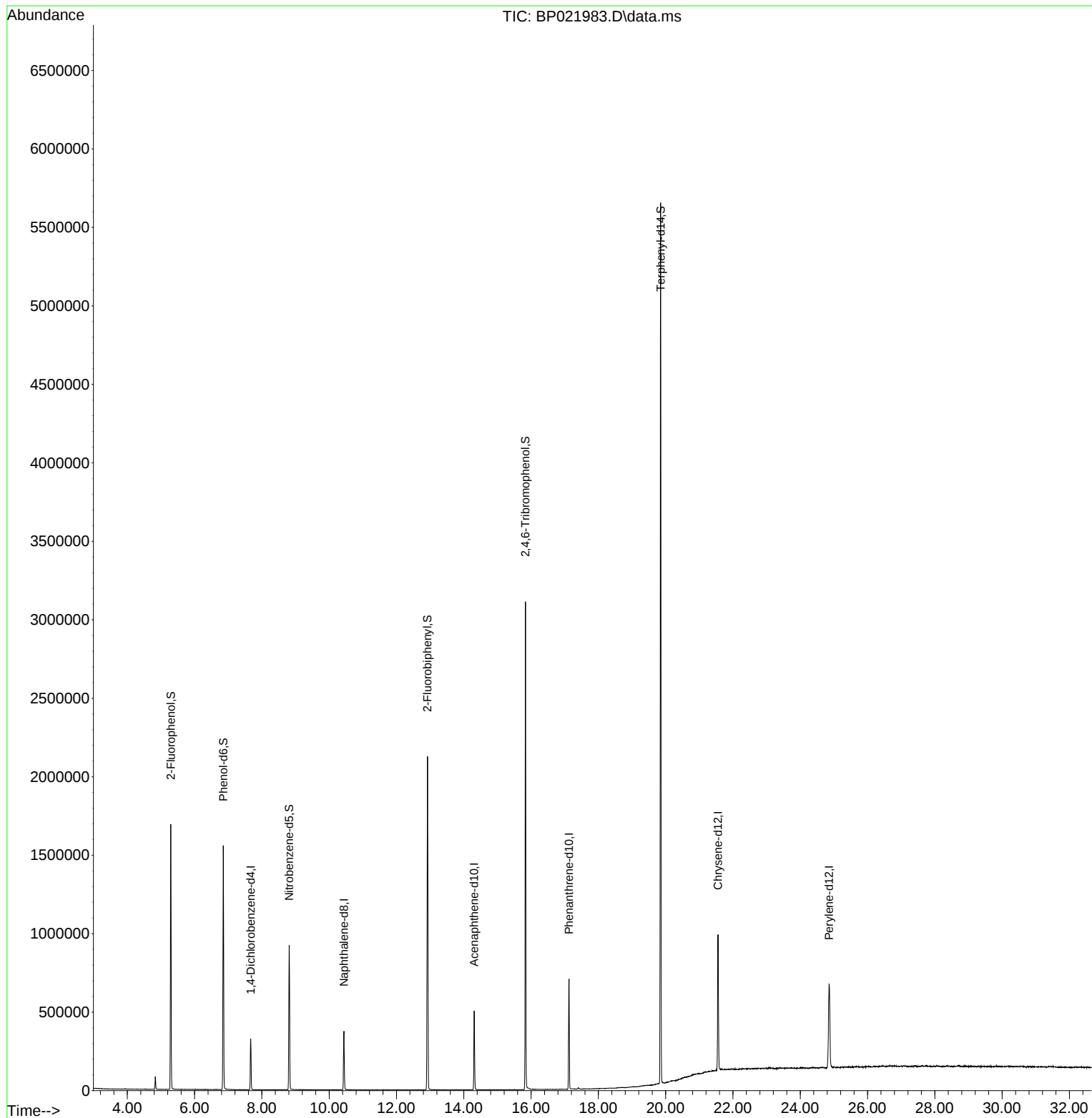
Target Compounds	Qvalue

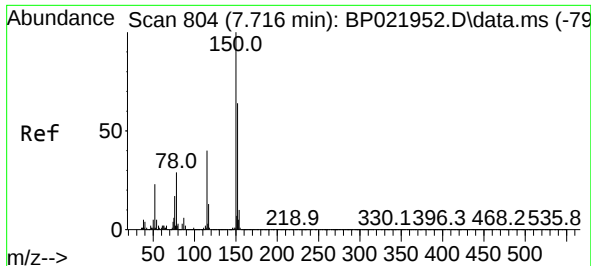
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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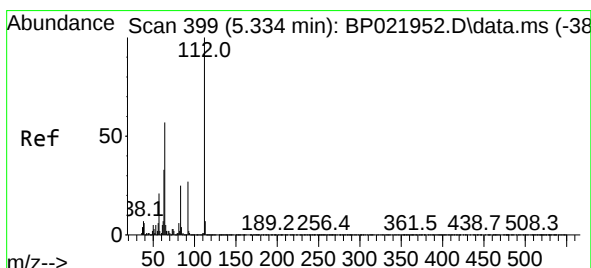
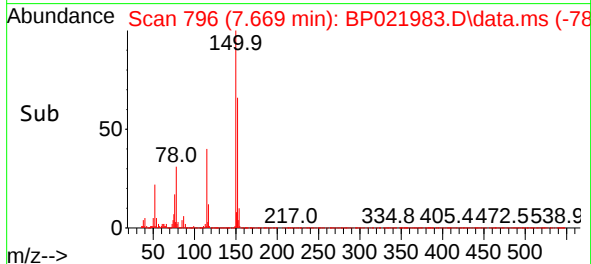
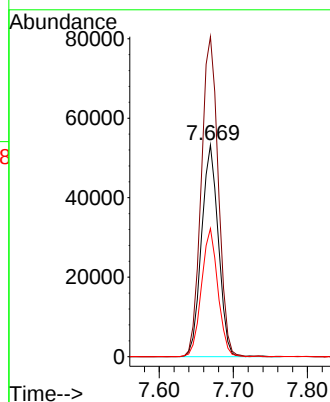
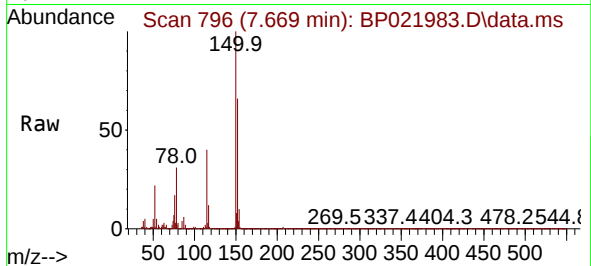




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.047 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

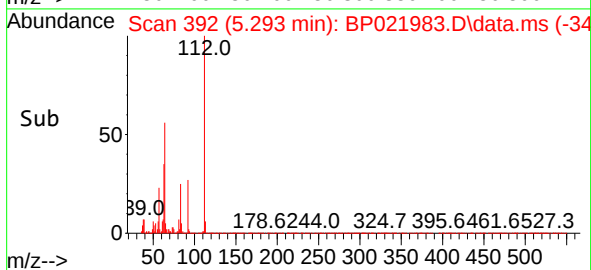
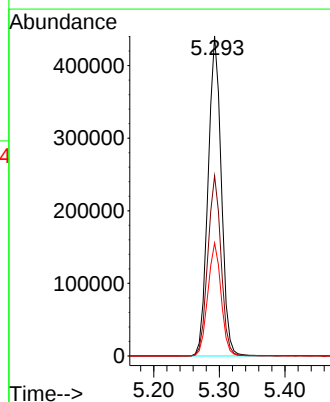
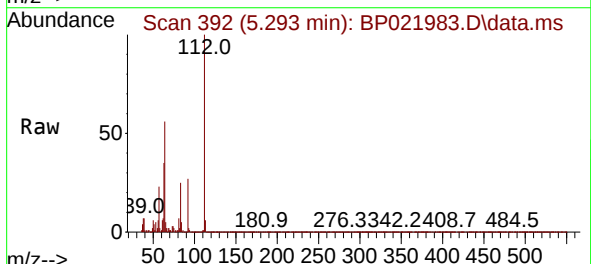
Instrument :
BNA_P
ClientSampleId :
PB163571BL

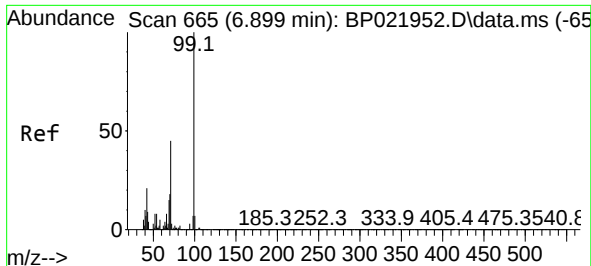
Tgt Ion:152 Resp: 83830
Ion Ratio Lower Upper
152 100
150 151.2 124.2 186.2
115 60.5 49.2 73.8



#5
2-Fluorophenol
Concen: 139.104 ng
RT: 5.293 min Scan# 392
Delta R.T. -0.041 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

Tgt Ion:112 Resp: 620510
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.0
63 35.3 26.6 39.8

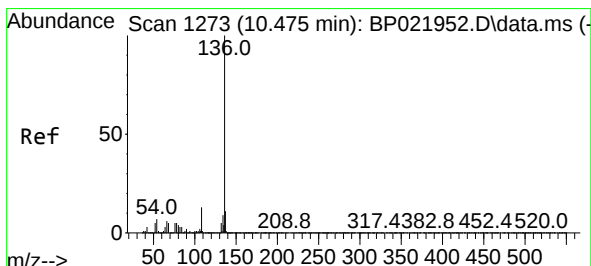
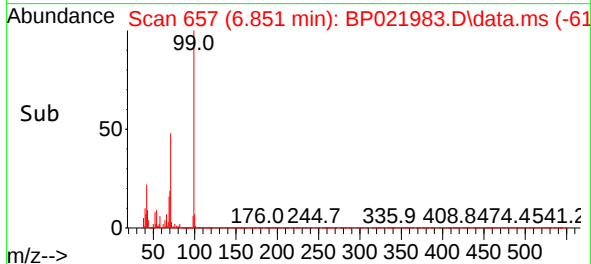
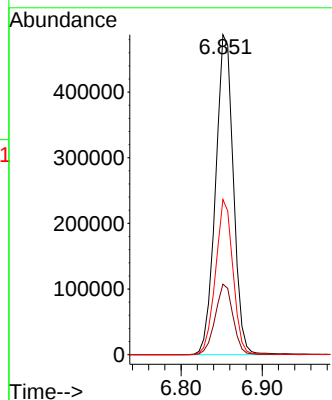
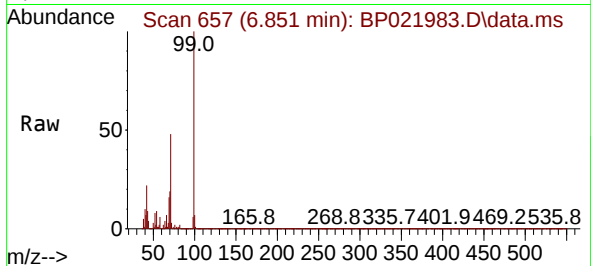




#7
Phenol-d6
Concen: 128.630 ng
RT: 6.851 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

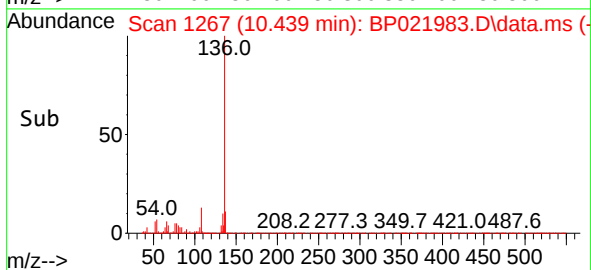
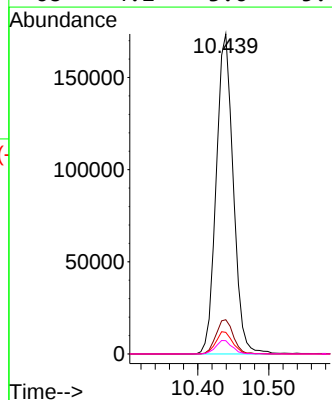
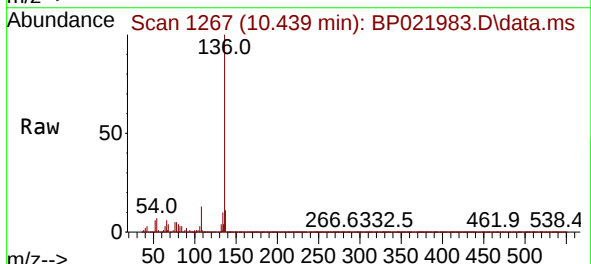
Instrument :
BNA_P
ClientSampleId :
PB163571BL

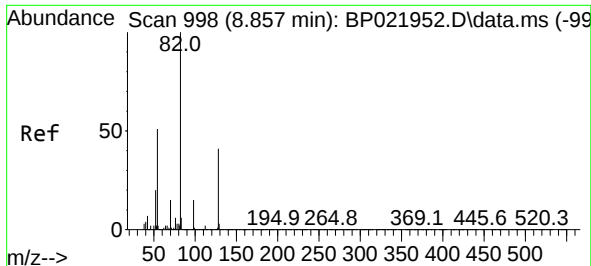
Tgt Ion: 99 Resp: 744883
Ion Ratio Lower Upper
99 100
42 22.1 16.8 25.2
71 48.5 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.035 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

Tgt Ion:136 Resp: 288413
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 5.5 8.3
68 4.2 3.6 5.4

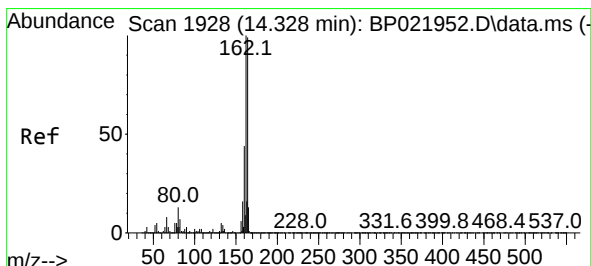
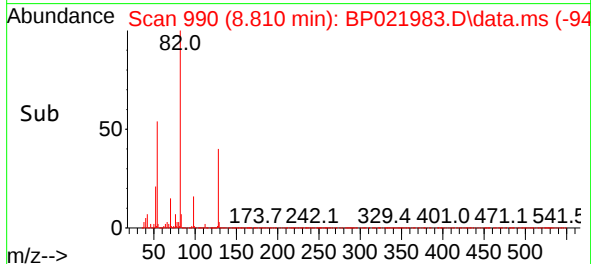
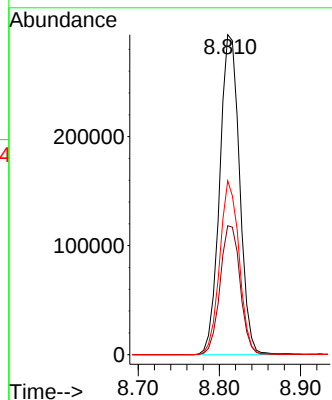
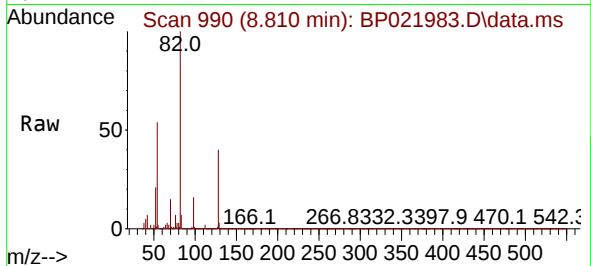




#23
Nitrobenzene-d5
Concen: 91.726 ng
RT: 8.810 min Scan# 998
Delta R.T. -0.047 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

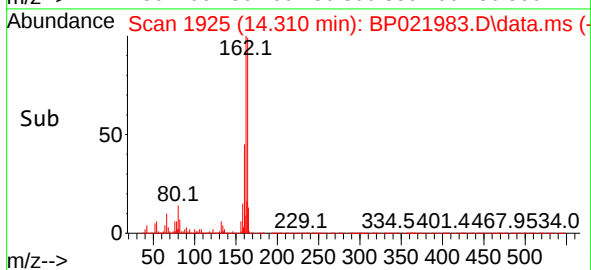
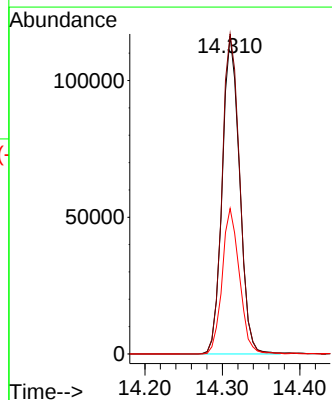
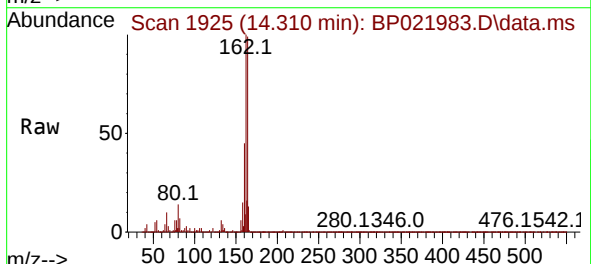
Instrument :
BNA_P
ClientSampleId :
PB163571BL

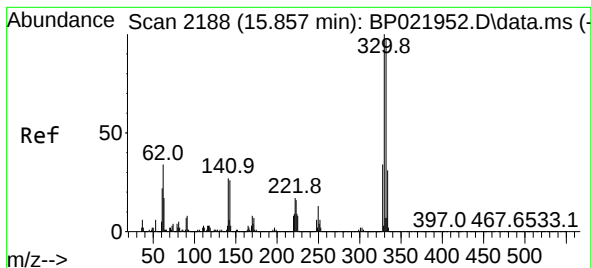
Tgt Ion: 82 Resp: 499970
Ion Ratio Lower Upper
82 100
128 40.3 33.1 49.7
54 54.3 40.3 60.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

Tgt Ion:164 Resp: 180364
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 157.256 ng

RT: 15.833 min Scan# 2188

Delta R.T. -0.024 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

PB163571BL

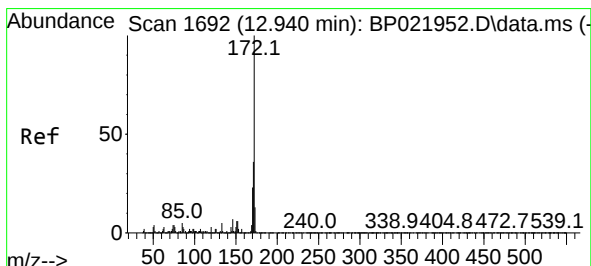
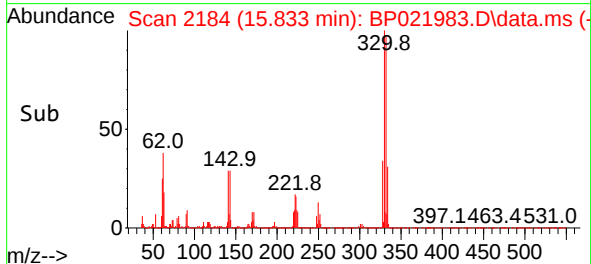
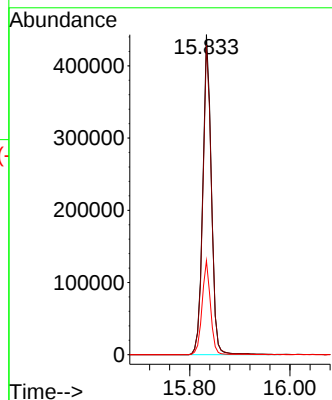
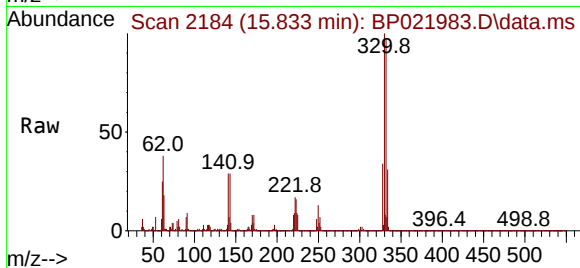
Tgt Ion:330 Resp: 525825

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 28.7 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 96.273 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.018 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

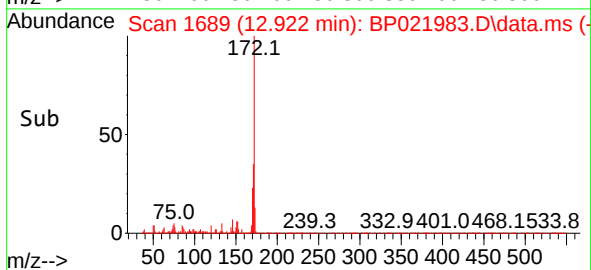
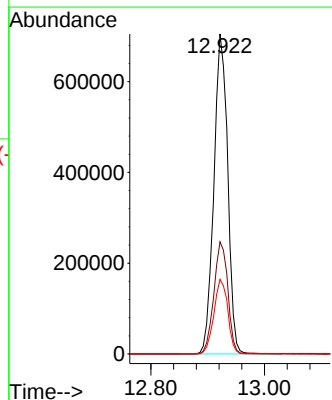
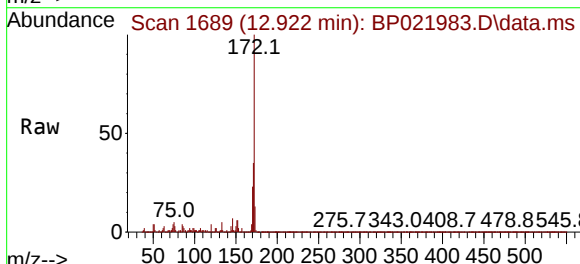
Tgt Ion:172 Resp: 1189514

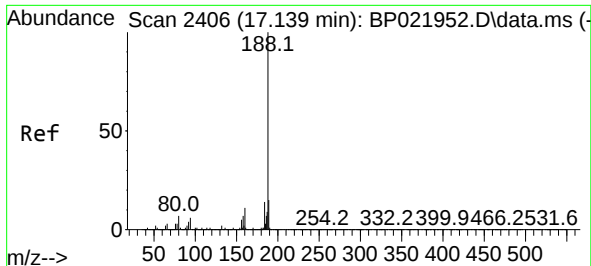
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.3 18.8 28.2

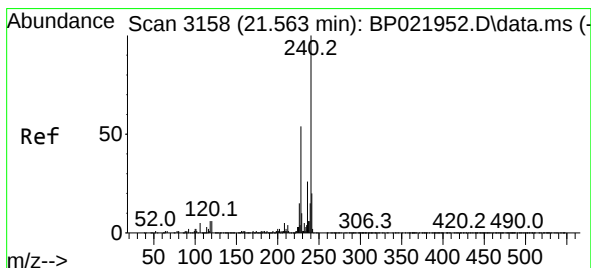
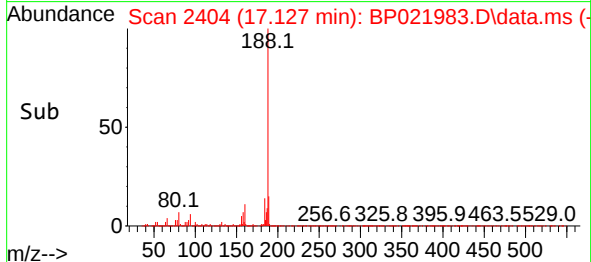
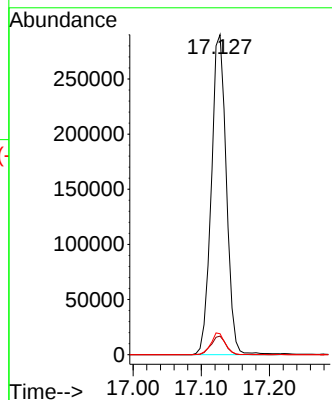
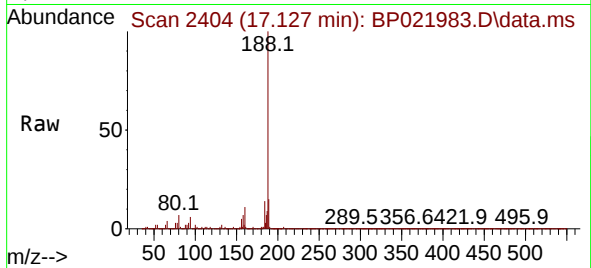




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

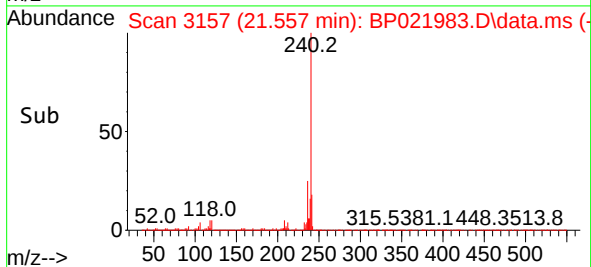
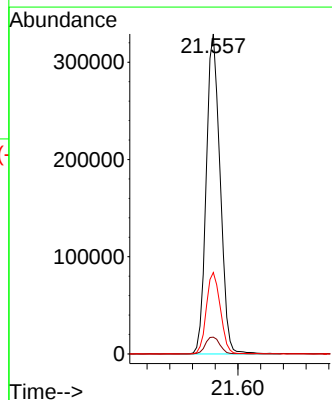
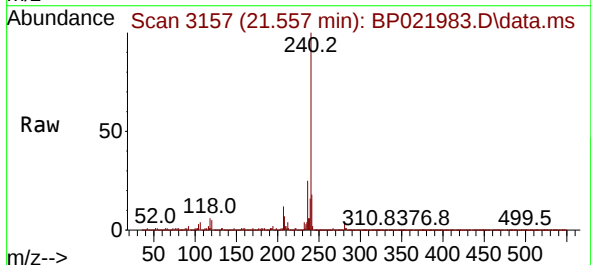
Instrument :
BNA_P
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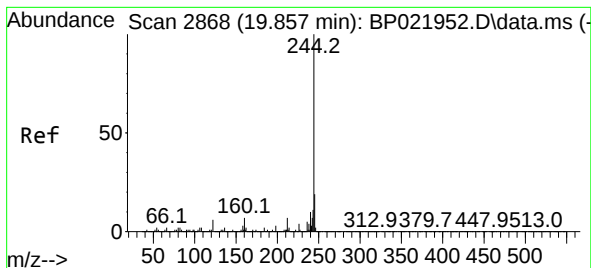
Tgt Ion:188 Resp: 445041
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 6.6 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

Tgt Ion:240 Resp: 556101
Ion Ratio Lower Upper
240 100
120 5.2 5.1 7.7
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 101.256 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

PB163571BL

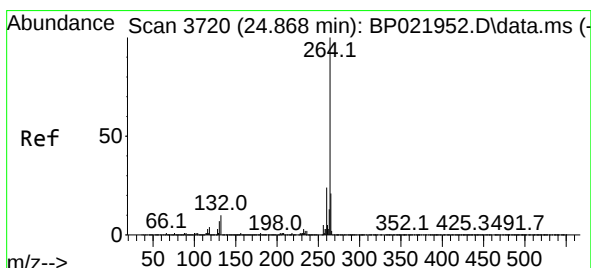
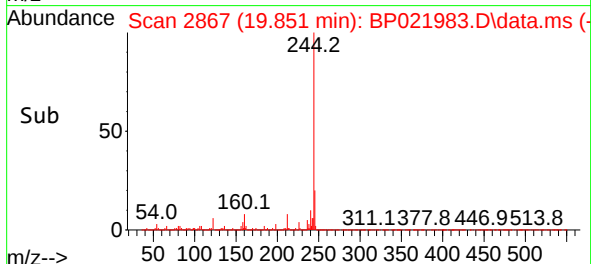
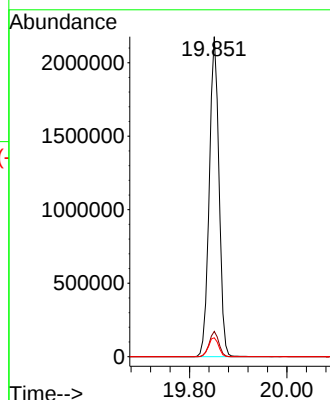
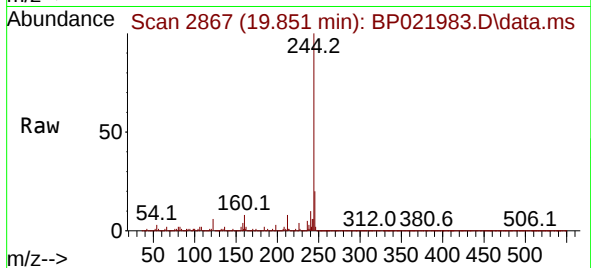
Tgt Ion:244 Resp: 2997559

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 5.9 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.856 min Scan# 3718

Delta R.T. -0.012 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

Tgt Ion:264 Resp: 660809

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 22.8 17.5 26.3

