

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024569.D
 Acq On : 08 May 2025 15:26
 Operator : RC/JU
 Sample : PB167904BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167904BL

Quant Time: May 08 15:46:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	197835	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	736878	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	410163	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	728812	20.000	ng	0.00
76) Chrysene-d12	21.580	240	697724	20.000	ng	-0.01
86) Perylene-d12	24.921	264	845260	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1541430	128.829	ng	-0.01
7) Phenol-d6	6.893	99	1806733	110.279	ng	-0.02
23) Nitrobenzene-d5	8.852	82	1140879	88.284	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	827418	145.805	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	2556924	95.448	ng	-0.02
79) Terphenyl-d14	19.857	244	3306800	95.529	ng	-0.02

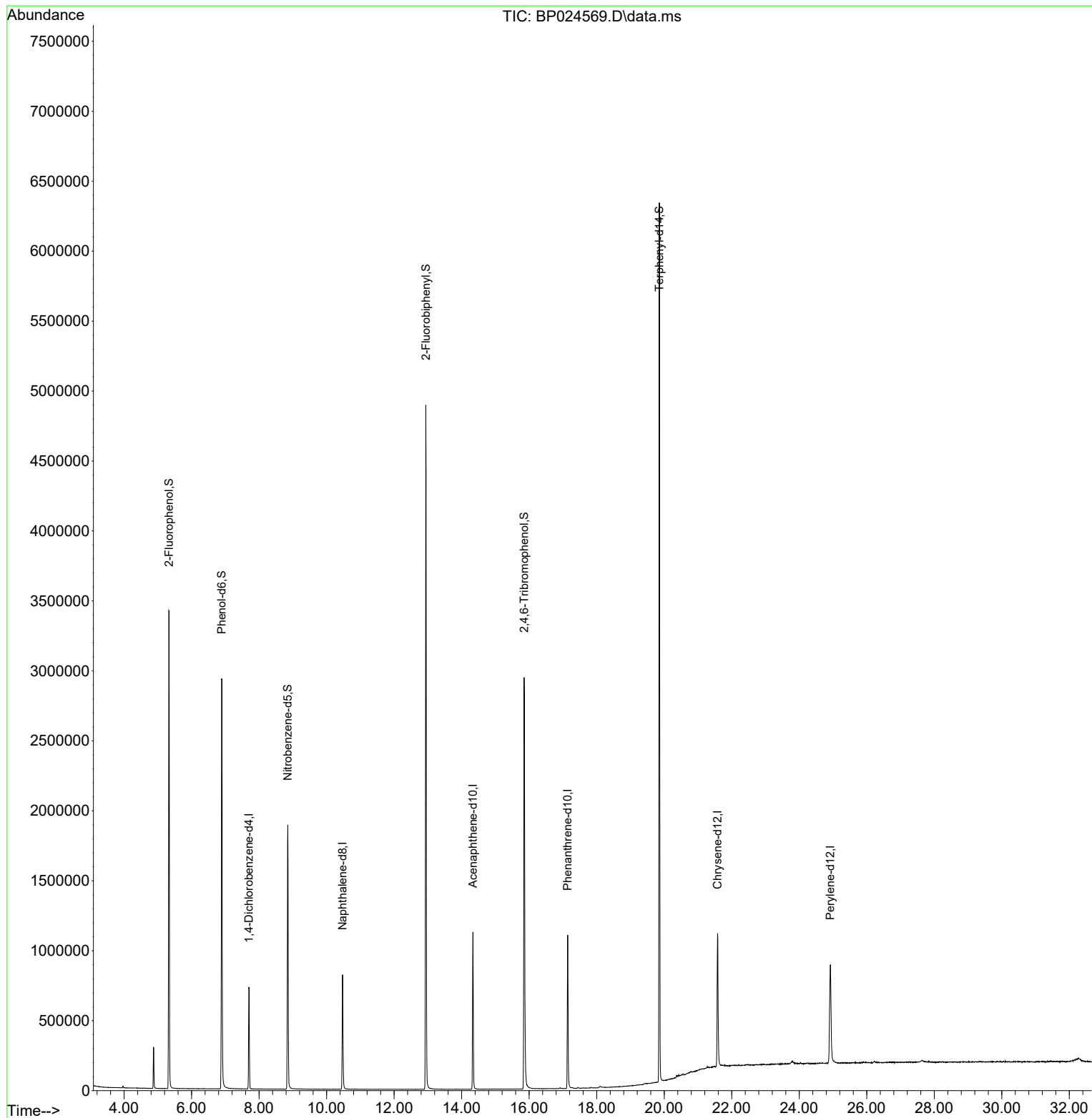
Target Compounds	Qvalue

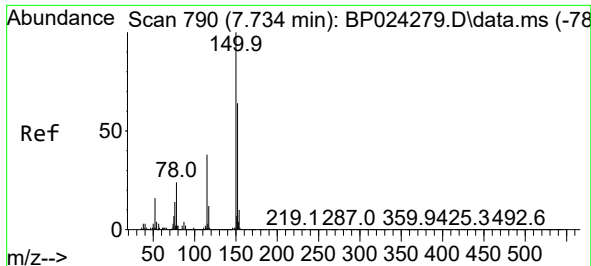
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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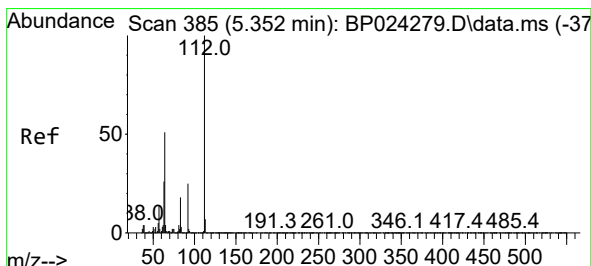
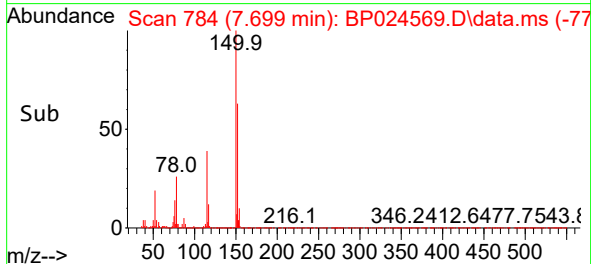
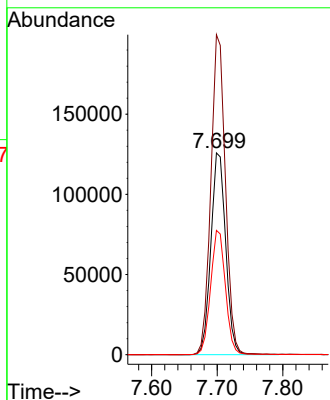
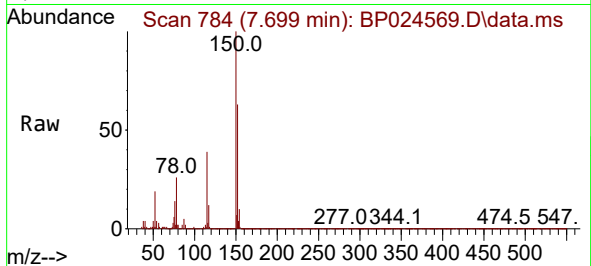




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP024569.D
Acq: 08 May 2025 15:26

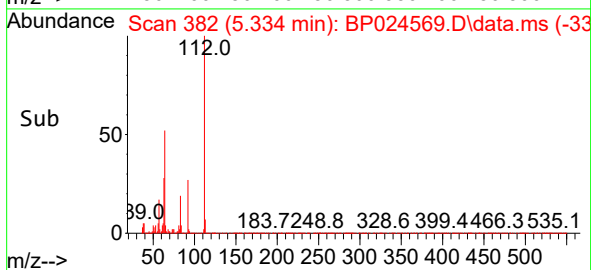
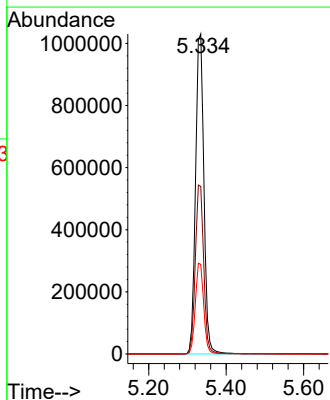
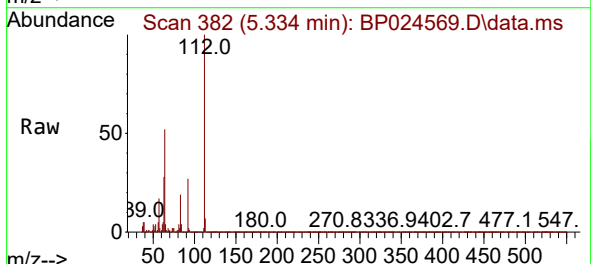
Instrument :
BNA_P
ClientSampleId :
PB167904BL

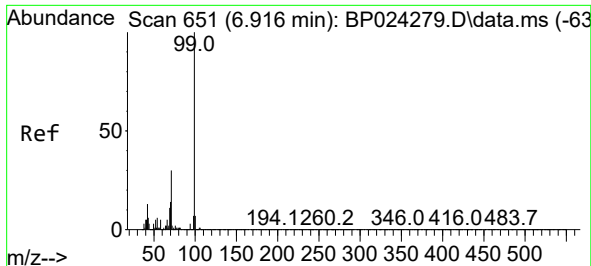
Tgt Ion:152 Resp: 197835
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 128.829 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024569.D
Acq: 08 May 2025 15:26

Tgt Ion:112 Resp: 1541430
Ion Ratio Lower Upper
112 100
64 52.3 41.1 61.7
63 28.0 20.6 30.8

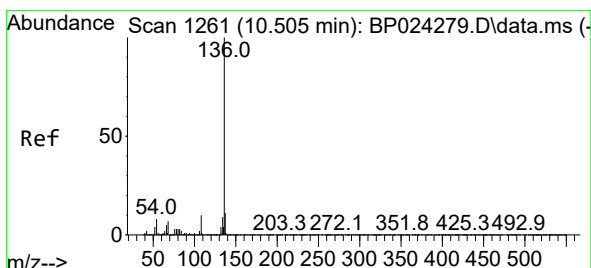
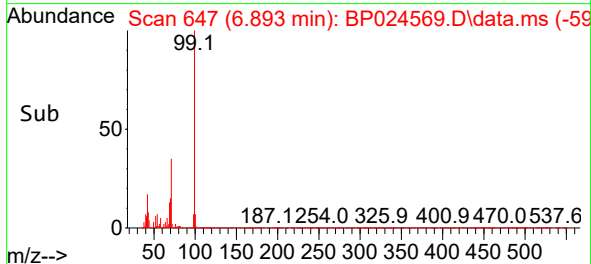
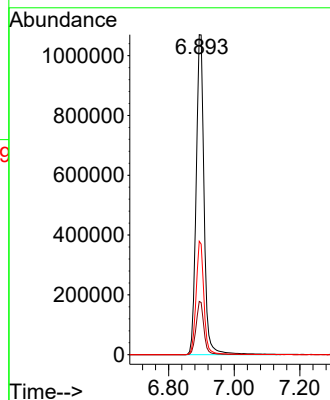
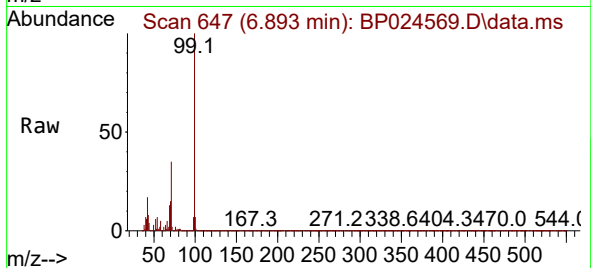




#7
Phenol-d6
Concen: 110.279 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.017 min
Lab File: BP024569.D
Acq: 08 May 2025 15:26

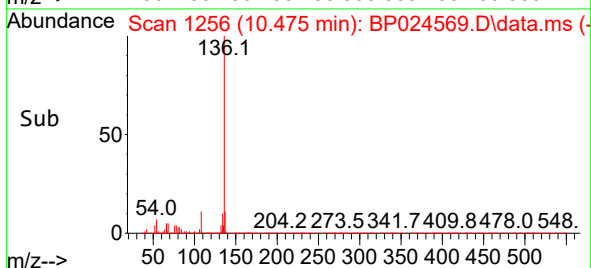
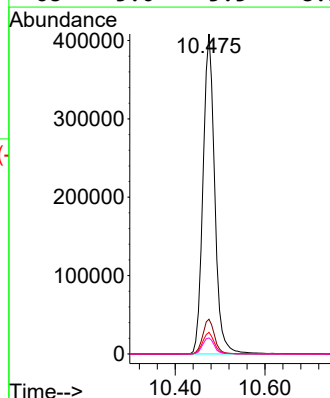
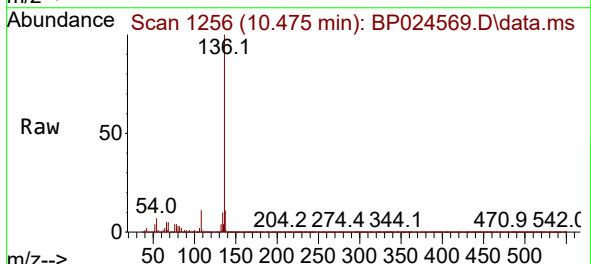
Instrument :
BNA_P
ClientSampleId :
PB167904BL

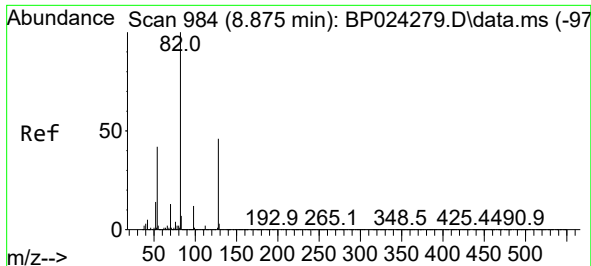
Tgt Ion: 99 Resp: 1806733
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024569.D
Acq: 08 May 2025 15:26

Tgt Ion:136 Resp: 736878
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.8 6.0 9.0
68 5.0 5.5 8.3#

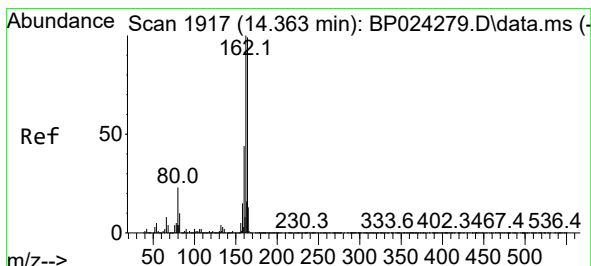
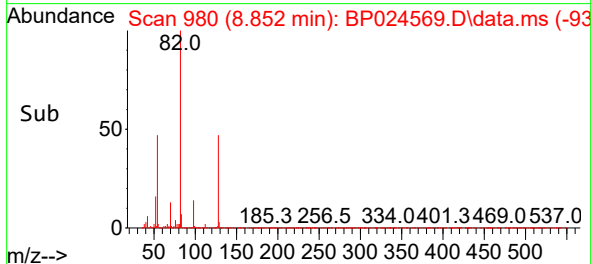
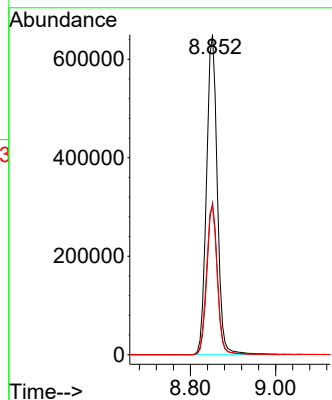
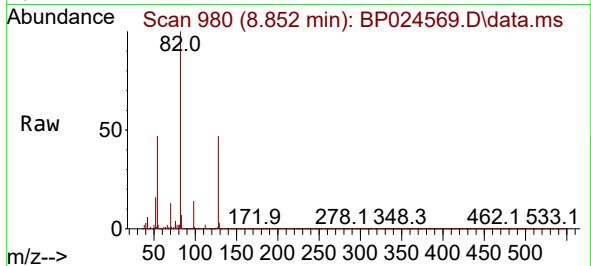




#23
Nitrobenzene-d5
Concen: 88.284 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024569.D
Acq: 08 May 2025 15:26

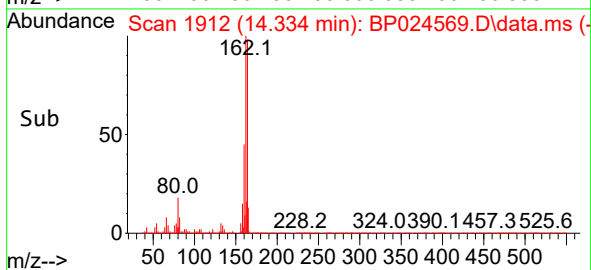
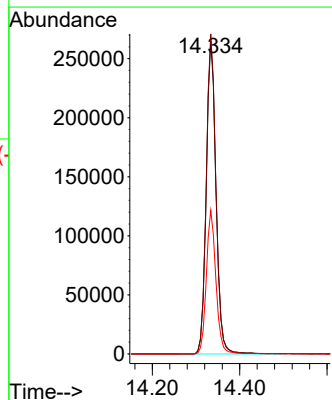
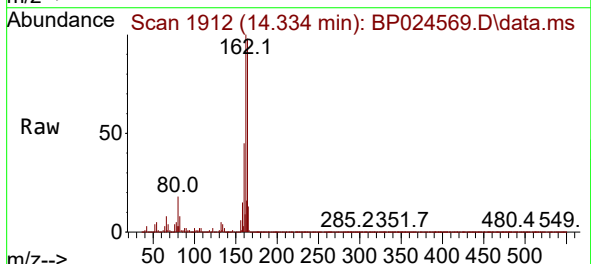
Instrument :
BNA_P
ClientSampleId :
PB167904BL

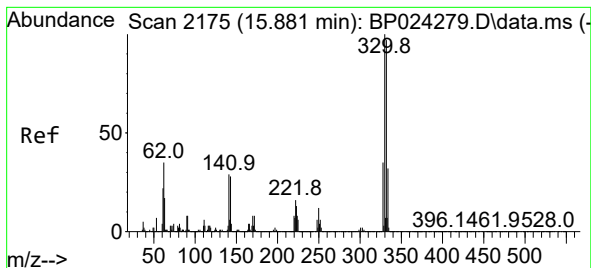
Tgt Ion: 82 Resp: 1140879
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 46.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024569.D
Acq: 08 May 2025 15:26

Tgt Ion: 164 Resp: 410163
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 145.805 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024569.D

Acq: 08 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

PB167904BL

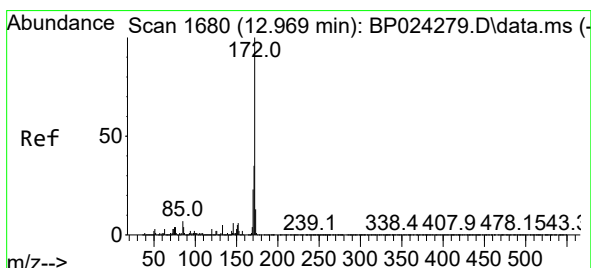
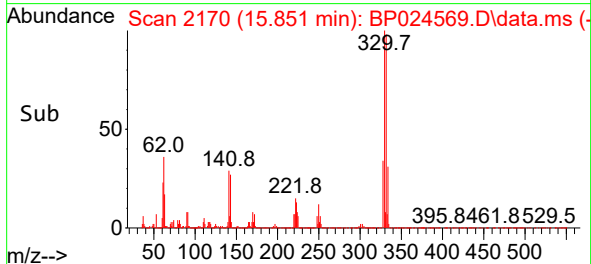
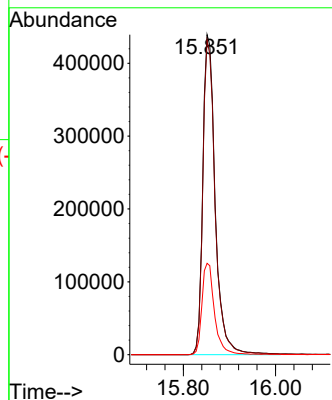
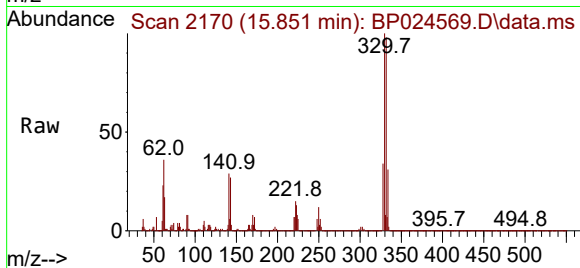
Tgt Ion:330 Resp: 827418

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 28.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 95.448 ng

RT: 12.940 min Scan# 1675

Delta R.T. -0.023 min

Lab File: BP024569.D

Acq: 08 May 2025 15:26

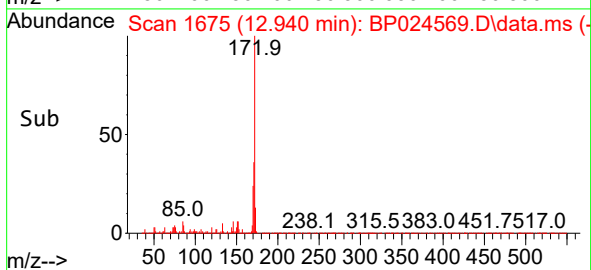
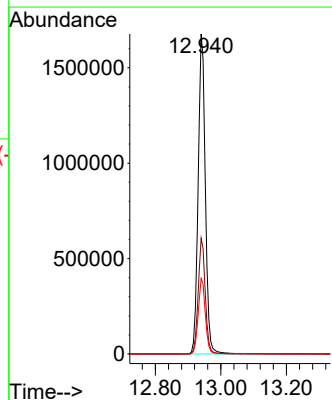
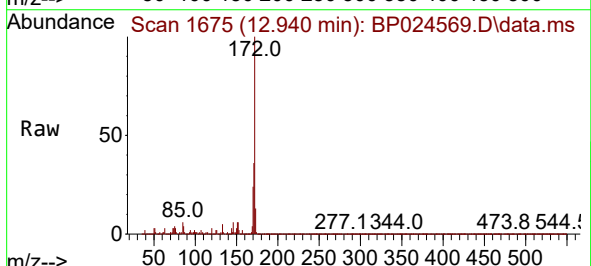
Tgt Ion:172 Resp: 2556924

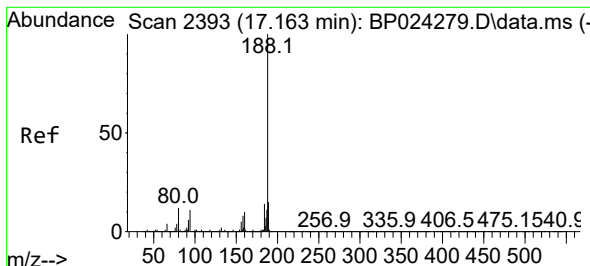
Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.2

170 23.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024569.D

Acq: 08 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

PB167904BL

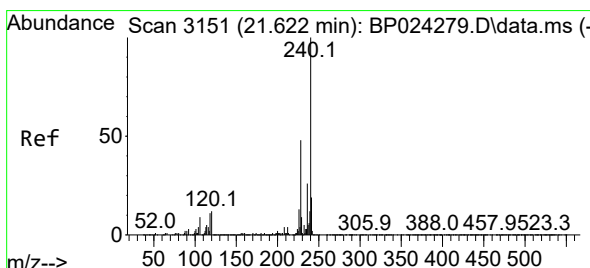
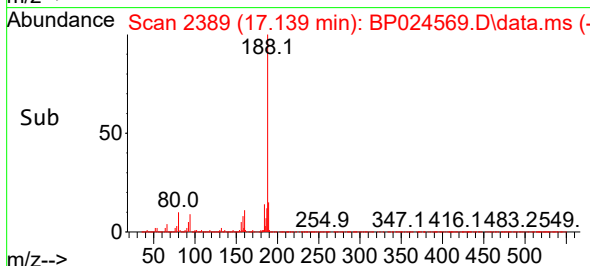
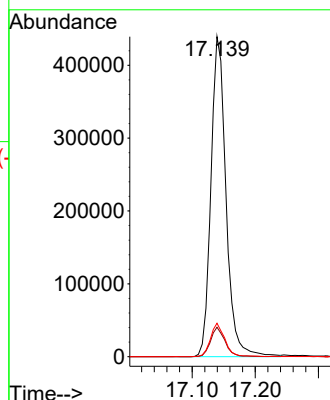
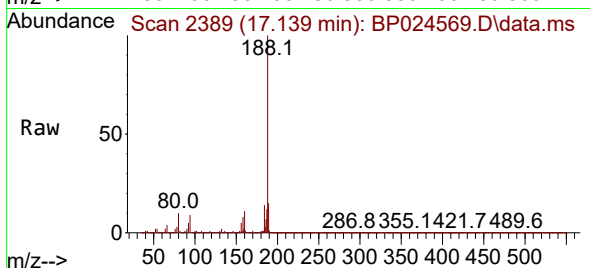
Tgt Ion:188 Resp: 728812

Ion Ratio Lower Upper

188 100

94 9.2 8.6 13.0

80 10.5 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3144

Delta R.T. -0.012 min

Lab File: BP024569.D

Acq: 08 May 2025 15:26

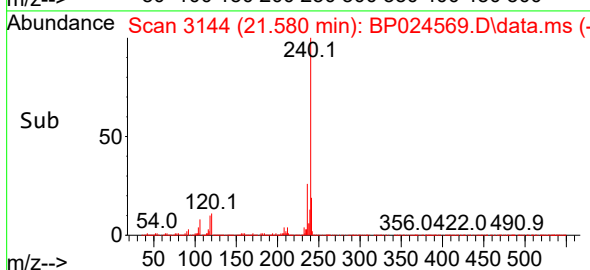
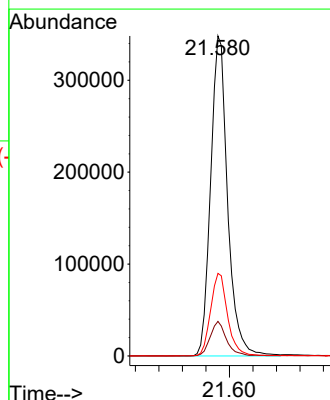
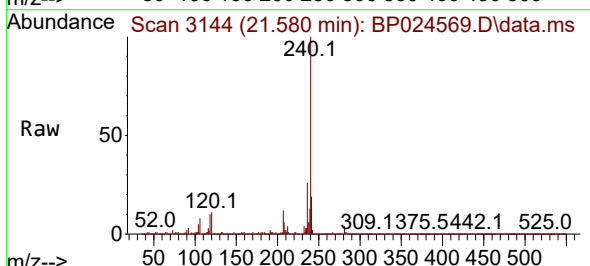
Tgt Ion:240 Resp: 697724

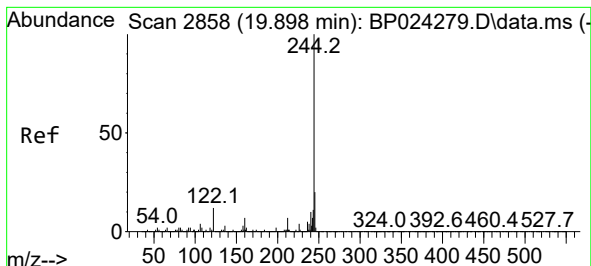
Ion Ratio Lower Upper

240 100

120 10.8 9.8 14.8

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 95.529 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024569.D

Acq: 08 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

PB167904BL

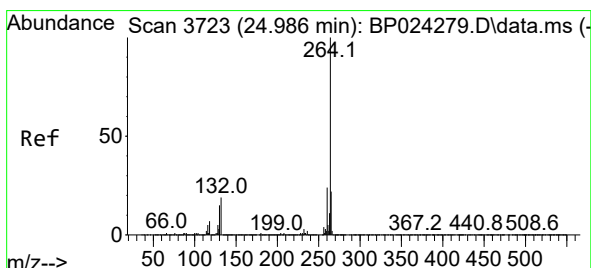
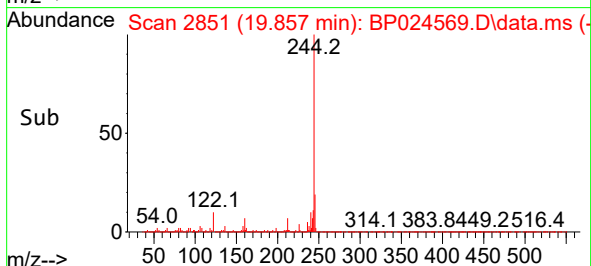
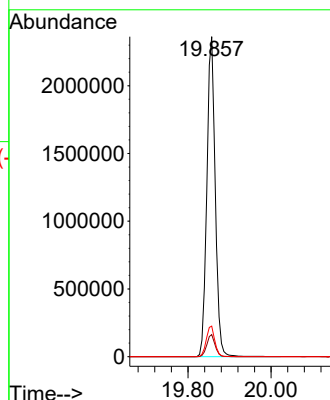
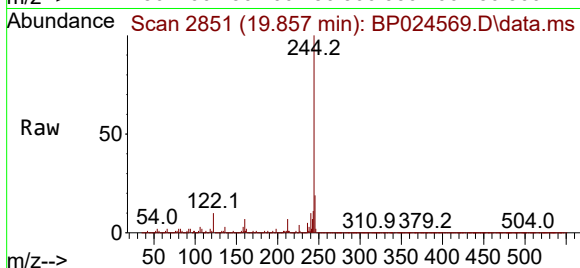
Tgt Ion:244 Resp: 3306800

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024569.D

Acq: 08 May 2025 15:26

Tgt Ion:264 Resp: 845260

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.4 17.8 26.6

