

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024592.D
 Acq On : 09 May 2025 15:46
 Operator : RC/JU
 Sample : Q1968-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-M

Quant Time: May 09 16:28:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	118424	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	445558	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	260832	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	542499	20.000	ng	# 0.00
76) Chrysene-d12	21.569	240	704694	20.000	ng	# 0.00
86) Perylene-d12	24.892	264	803227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	895054	124.969	ng	0.00
7) Phenol-d6	6.893	99	996480	101.608	ng	0.00
23) Nitrobenzene-d5	8.846	82	742480	95.020	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	635983	176.234	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1642675	96.427	ng	0.00
79) Terphenyl-d14	19.845	244	3312385	94.744	ng	0.00

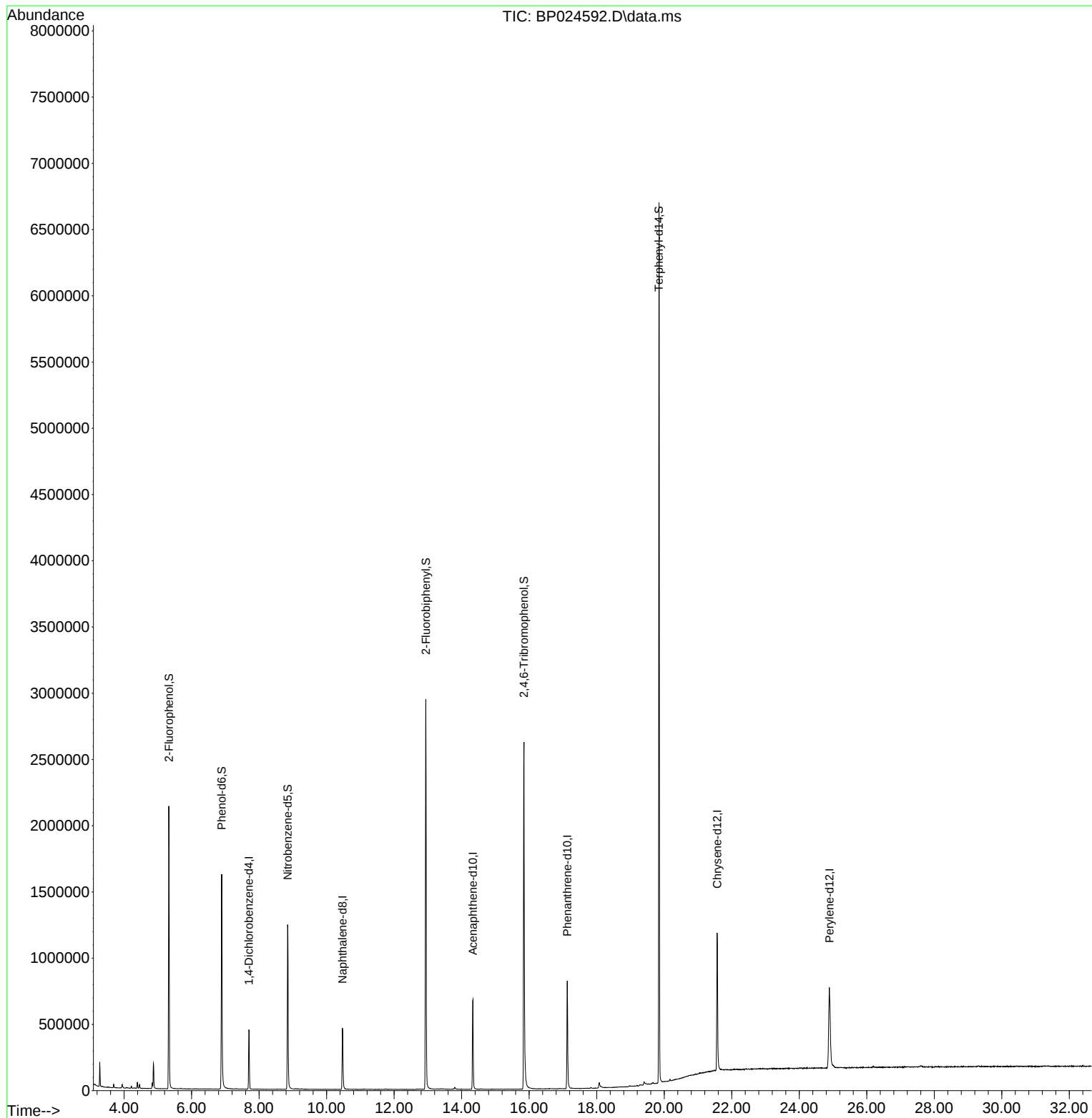
Target Compounds	Qvalue

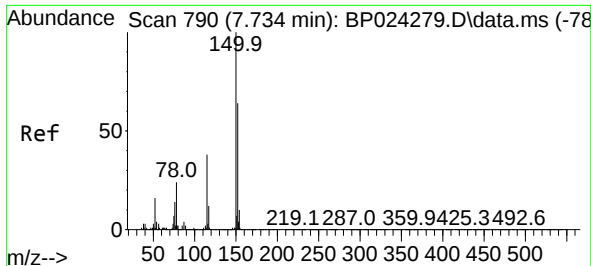
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
Data File : BP024592.D
Acq On : 09 May 2025 15:46
Operator : RC/JU
Sample : Q1968-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-M

Quant Time: May 09 16:28:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 09 12:07:46 2025
Response via : Initial Calibration

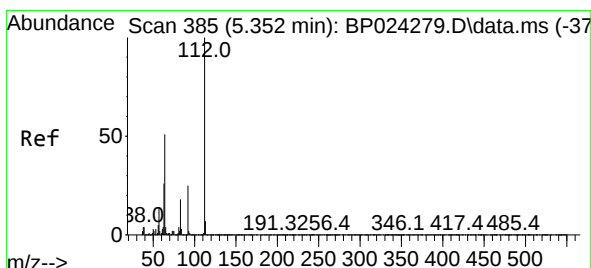
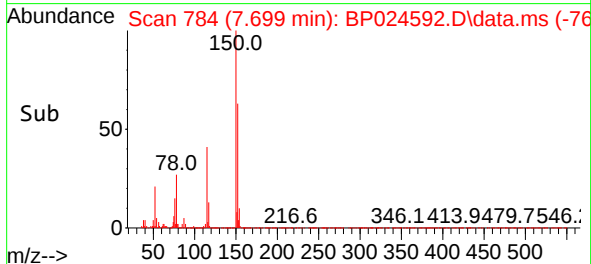
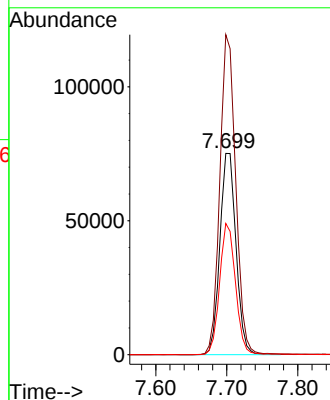
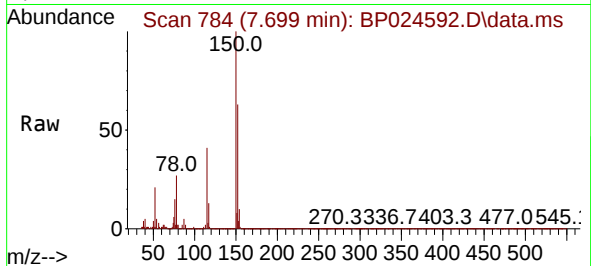




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

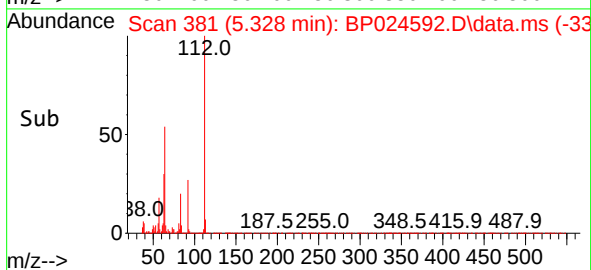
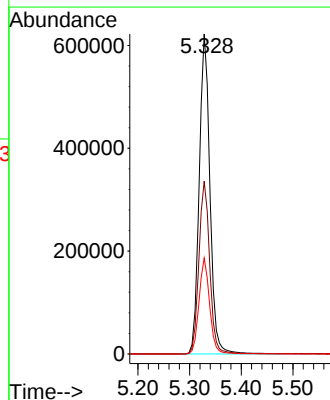
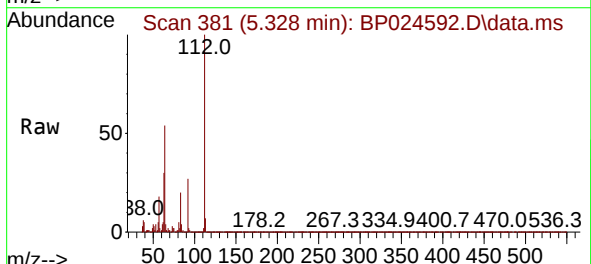
Instrument :
BNA_P
ClientSampleId :
MH-M

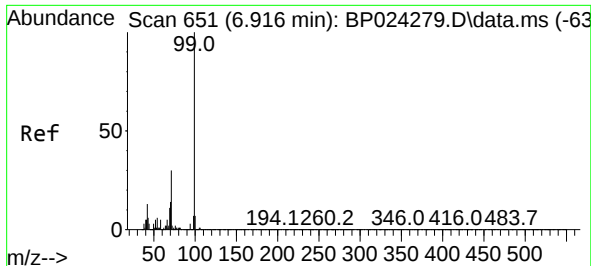
Tgt Ion:152 Resp: 118424
Ion Ratio Lower Upper
152 100
150 159.0 124.9 187.3
115 65.2 47.7 71.5



#5
2-Fluorophenol
Concen: 124.969 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:112 Resp: 895054
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 29.9 20.6 30.8

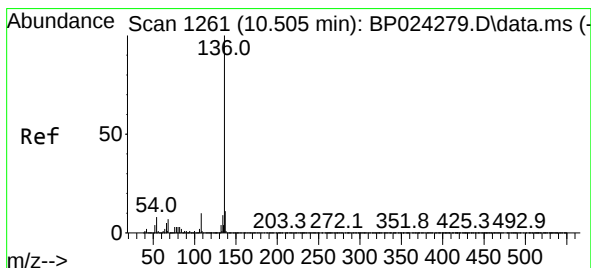
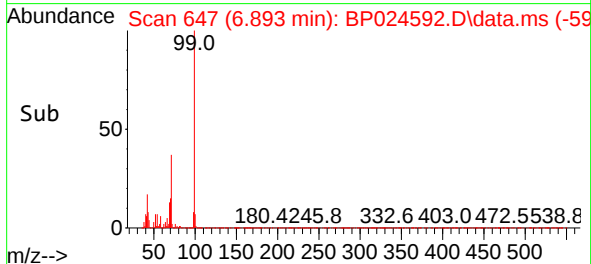
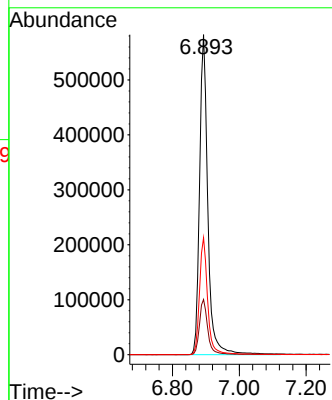
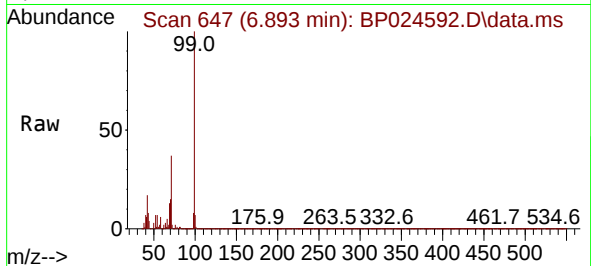




#7
Phenol-d6
Concen: 101.608 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

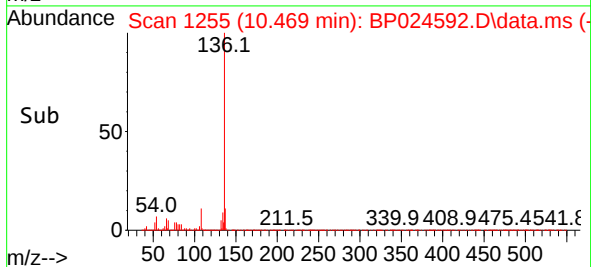
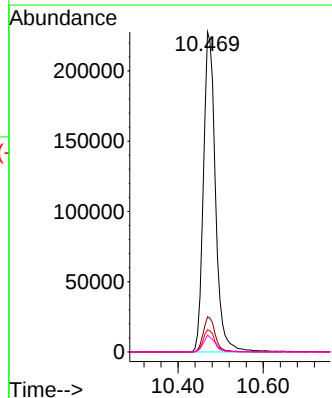
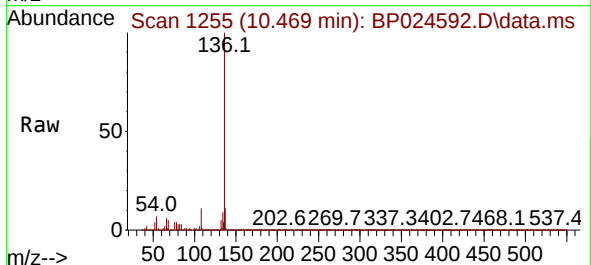
Instrument :
BNA_P
ClientSampleId :
MH-M

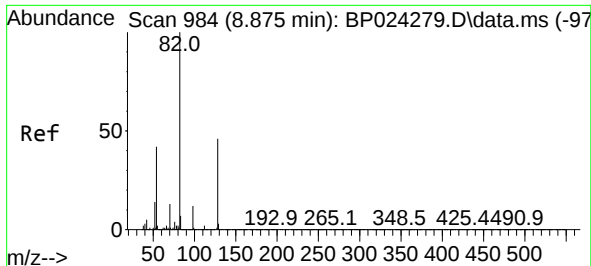
Tgt Ion: 99 Resp: 996480
Ion Ratio Lower Upper
99 100
42 17.3 10.6 16.0#
71 36.6 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:136 Resp: 445558
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 5.2 5.5 8.3#

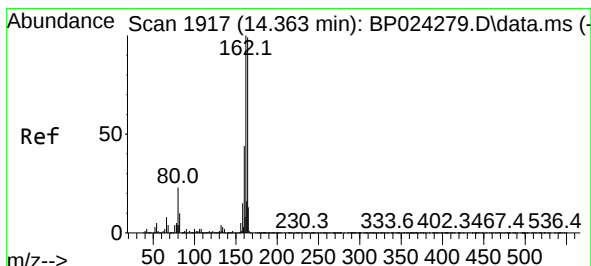
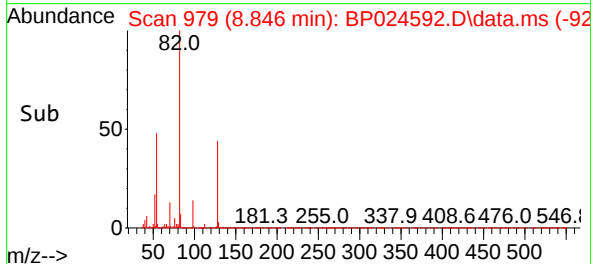
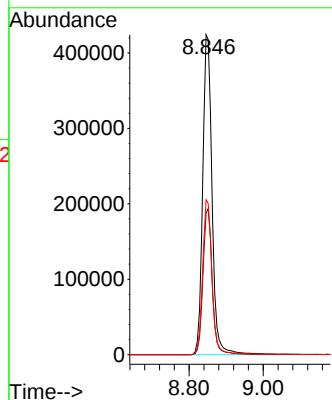
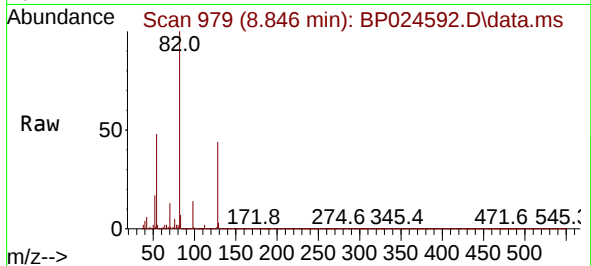




#23
Nitrobenzene-d5
Concen: 95.020 ng
RT: 8.846 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

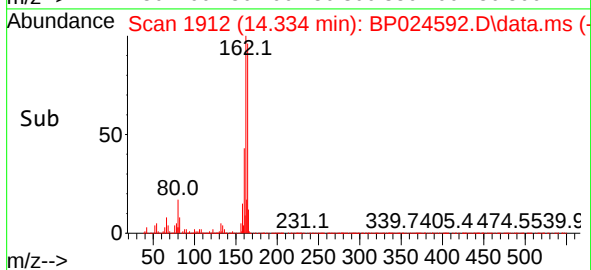
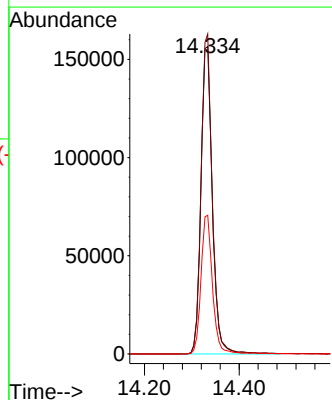
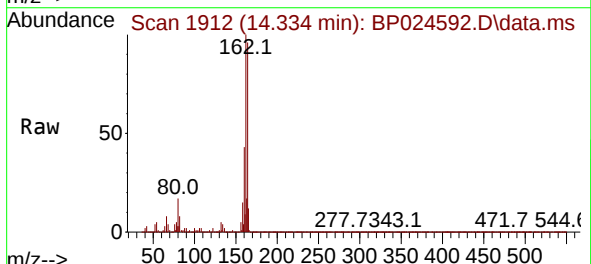
Instrument :
BNA_P
ClientSampleId :
MH-M

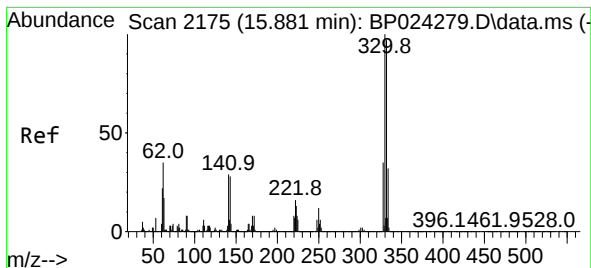
Tgt Ion: 82 Resp: 742480
Ion Ratio Lower Upper
82 100
128 44.2 36.5 54.7
54 48.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion: 164 Resp: 260832
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 45.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 176.234 ng

RT: 15.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024592.D

Acq: 09 May 2025 15:46

Instrument :

BNA_P

ClientSampleId :

MH-M

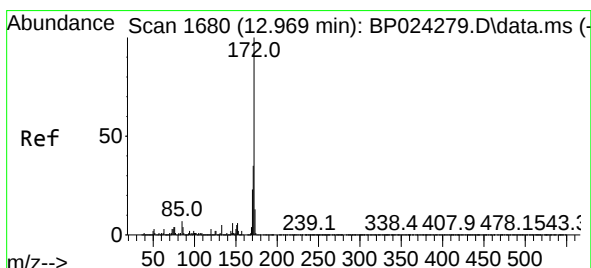
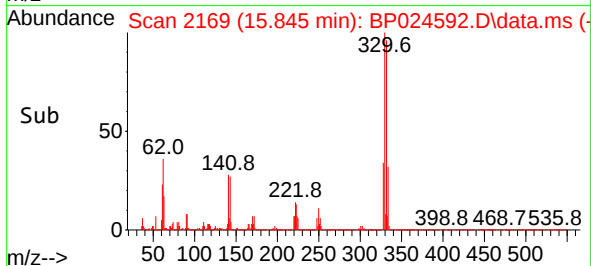
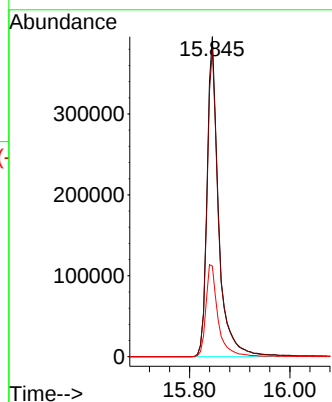
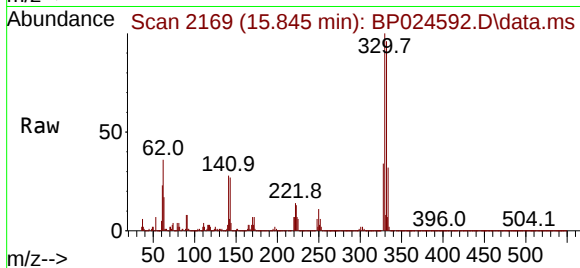
Tgt Ion:330 Resp: 635983

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 96.427 ng

RT: 12.940 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BP024592.D

Acq: 09 May 2025 15:46

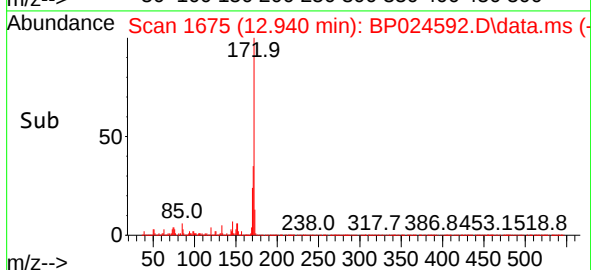
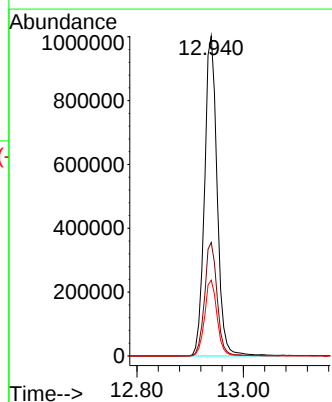
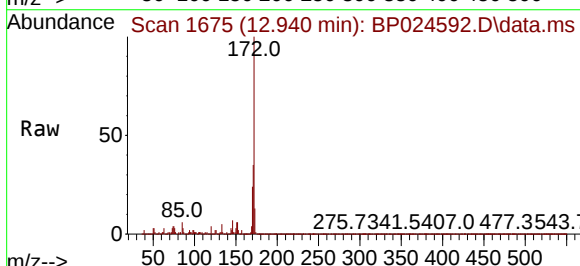
Tgt Ion:172 Resp: 1642675

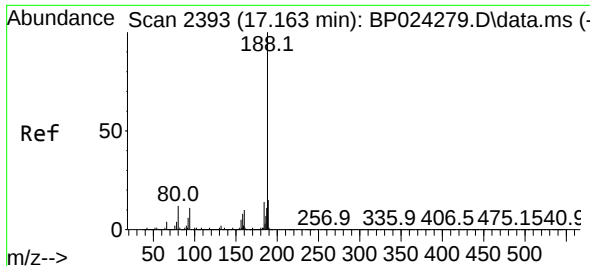
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.7 18.6 27.8

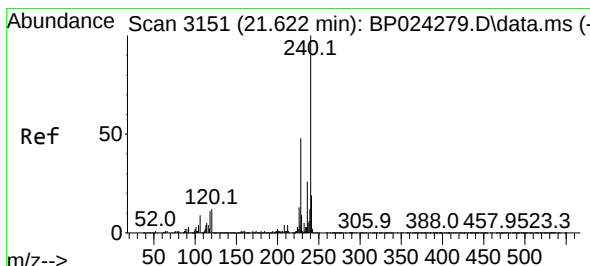
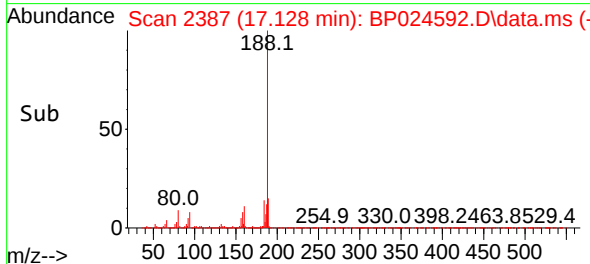
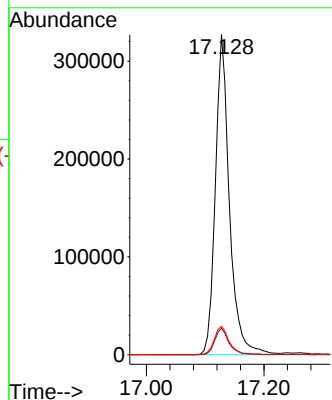
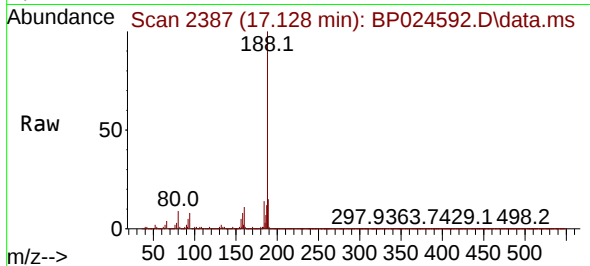




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

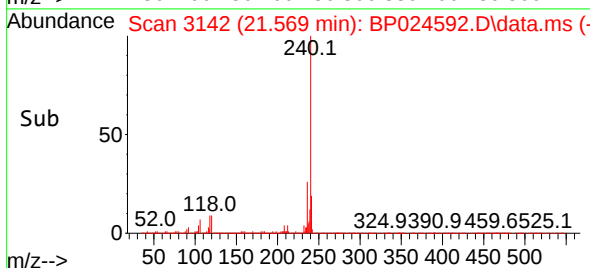
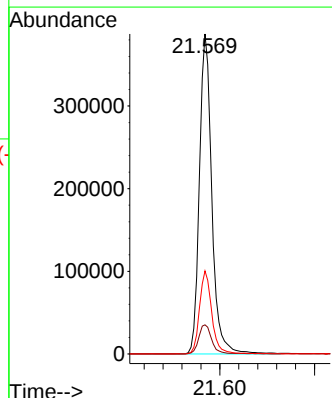
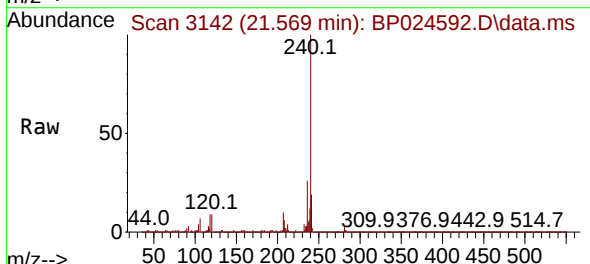
Instrument :
BNA_P
ClientSampleId :
MH-M

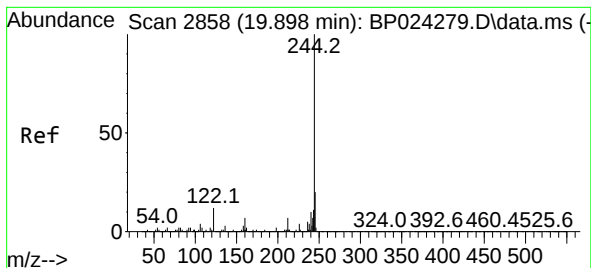
Tgt Ion:188 Resp: 542499
Ion Ratio Lower Upper
188 100
94 8.3 8.6 13.0#
80 8.8 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:240 Resp: 704694
Ion Ratio Lower Upper
240 100
120 9.1 9.8 14.8#
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 94.744 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024592.D

Acq: 09 May 2025 15:46

Instrument :

BNA_P

ClientSampleId :

MH-M

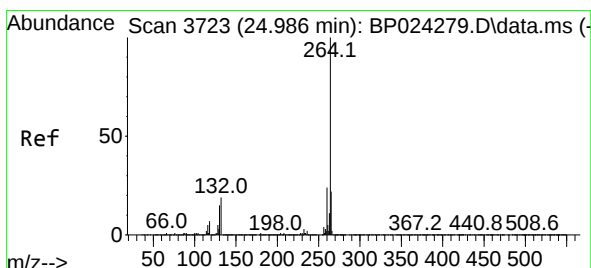
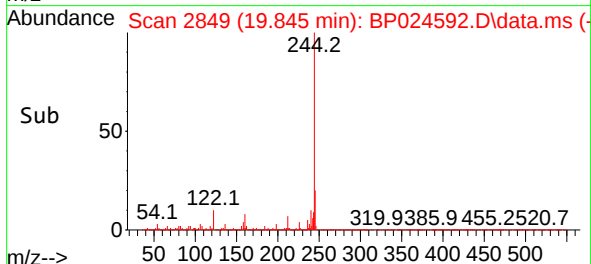
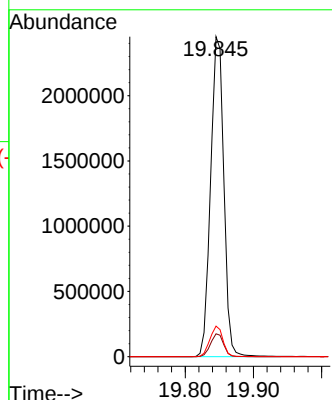
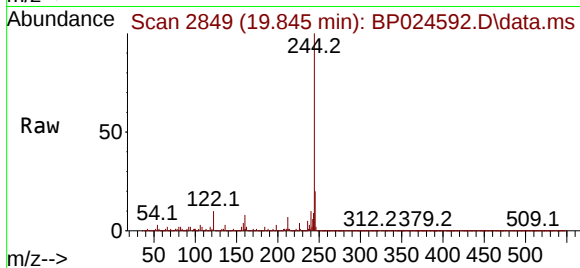
Tgt Ion:244 Resp: 3312385

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.892 min Scan# 3707

Delta R.T. 0.006 min

Lab File: BP024592.D

Acq: 09 May 2025 15:46

Tgt Ion:264 Resp: 803227

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.7 17.8 26.6

