

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024725.D
 Acq On : 21 May 2025 04:10
 Operator : RC/JU
 Sample : Q1984-13RX
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-27-050725RX

Quant Time: May 21 05:23:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	153158	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	636408	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	397224	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	726572	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	787708	20.000	ng	-0.01
86) Perylene-d12	24.786	264	957235	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	662189	73.949	ng	0.00
7) Phenol-d6	6.863	99	858393	75.109	ng	0.01
23) Nitrobenzene-d5	8.804	82	537349	42.662	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	533522	79.227	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1269911	41.884	ng	0.00
79) Terphenyl-d14	19.804	244	1849860	40.268	ng	0.00

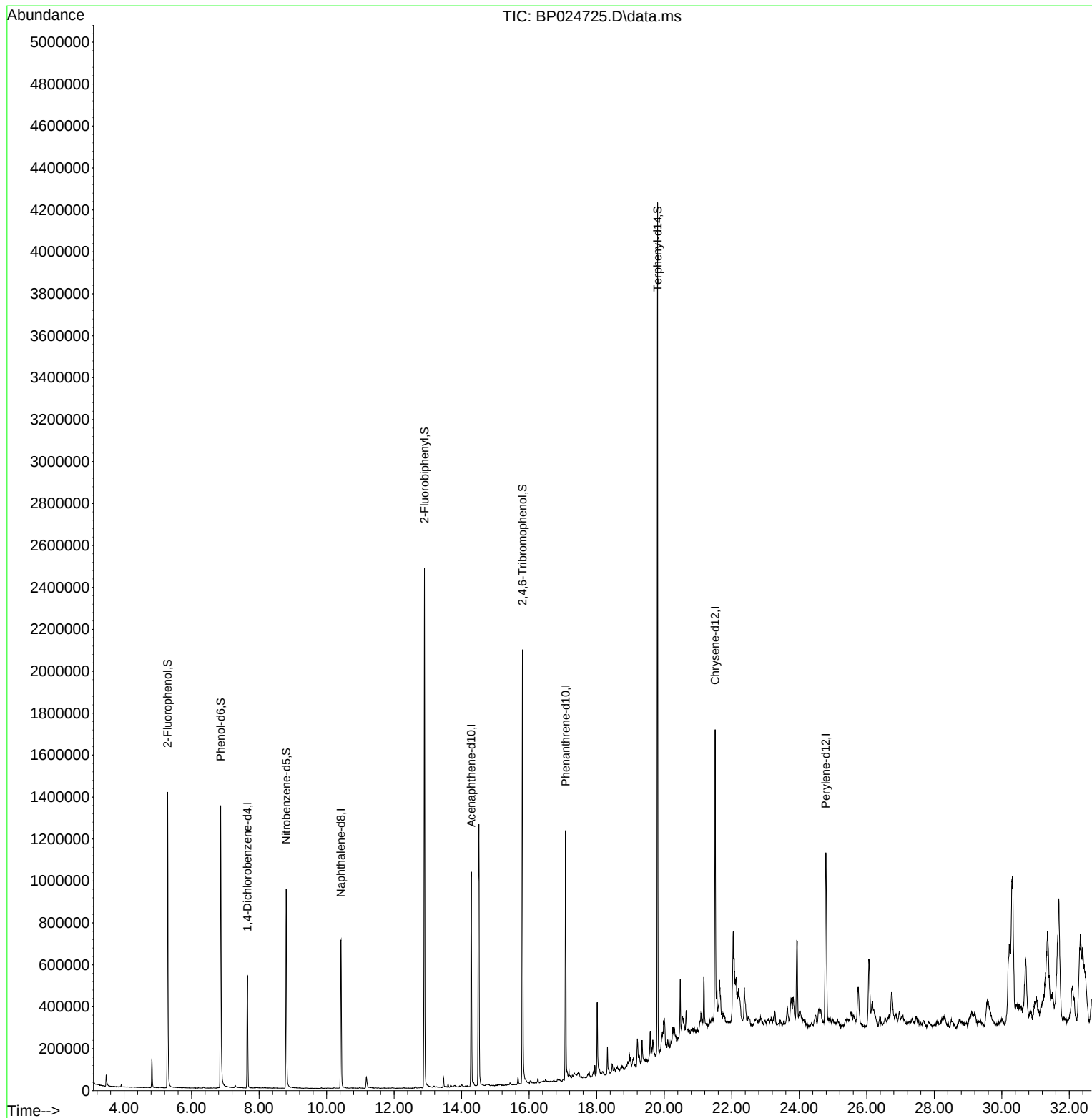
Target Compounds	Qvalue

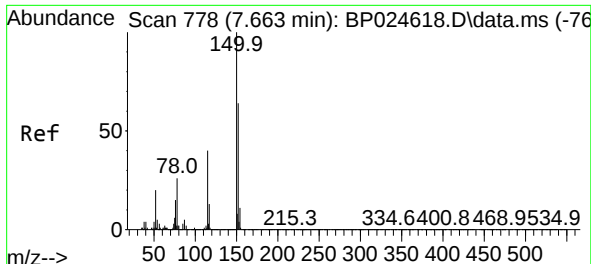
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024725.D
Acq On : 21 May 2025 04:10
Operator : RC/JU
Sample : Q1984-13RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-27-050725RX

Quant Time: May 21 05:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

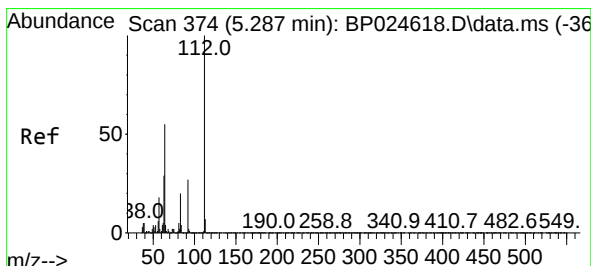
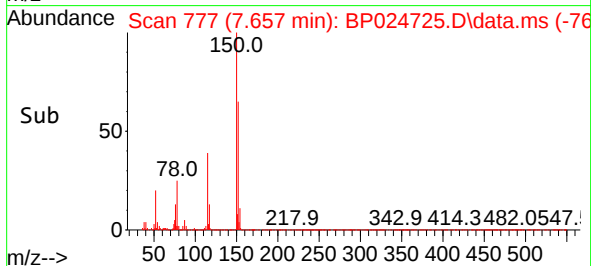
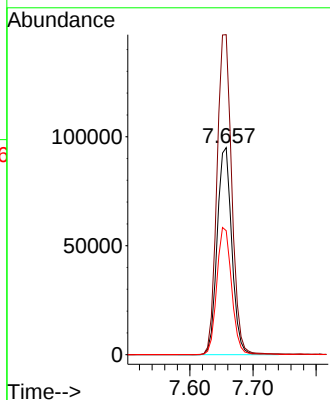
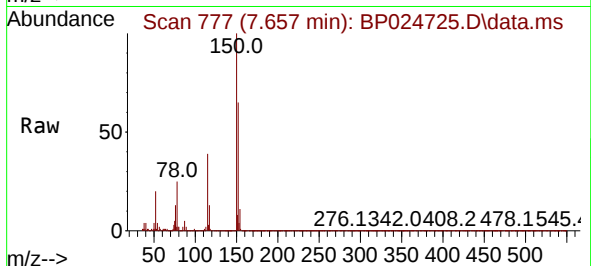




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024725.D
Acq: 21 May 2025 04:10

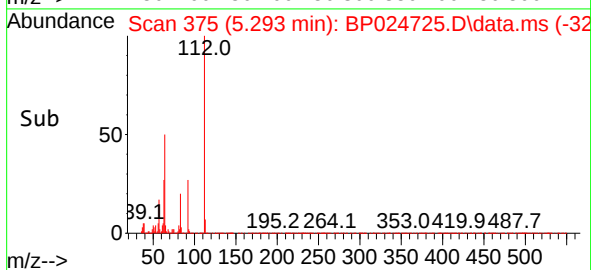
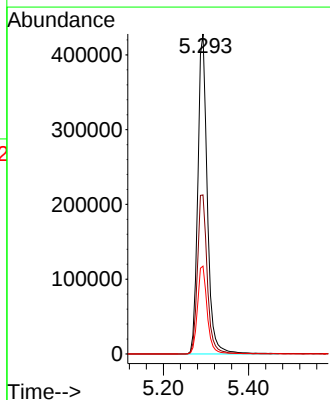
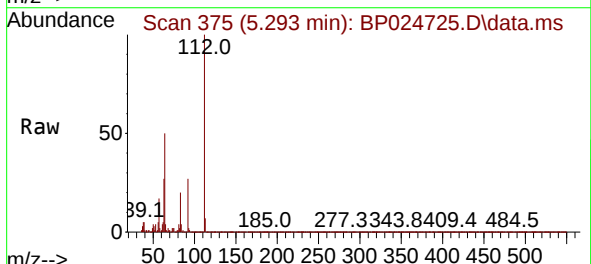
Instrument :
BNA_P
ClientSampleId :
OU4-TS-27-050725RX

Tgt Ion:152 Resp: 153158
Ion Ratio Lower Upper
152 100
150 154.6 125.9 188.9
115 59.9 50.1 75.1



#5
2-Fluorophenol
Concen: 73.949 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024725.D
Acq: 21 May 2025 04:10

Tgt Ion:112 Resp: 662189
Ion Ratio Lower Upper
112 100
64 49.7 44.1 66.1
63 27.4 23.5 35.3

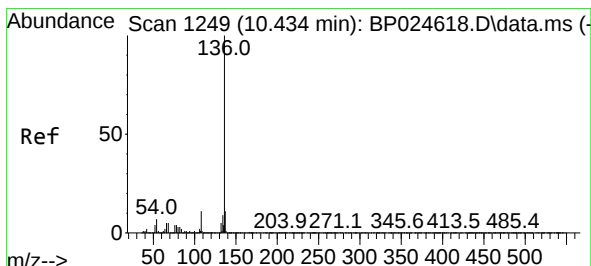
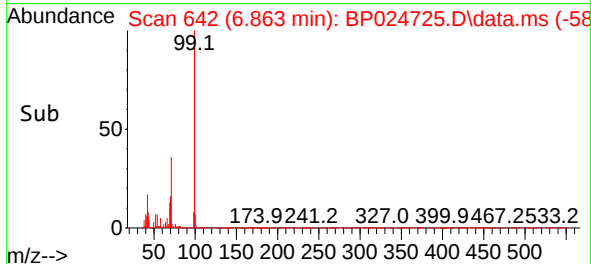
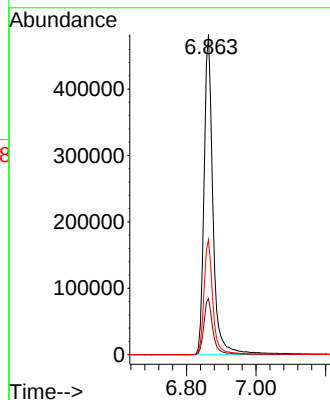
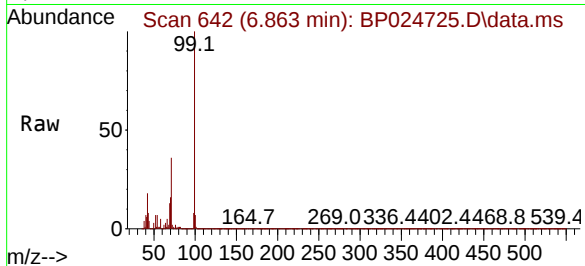




#7
Phenol-d6
Concen: 75.109 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024725.D
Acq: 21 May 2025 04:10

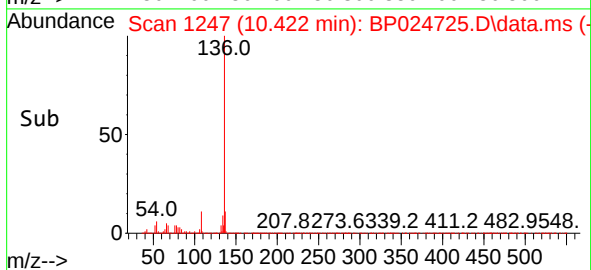
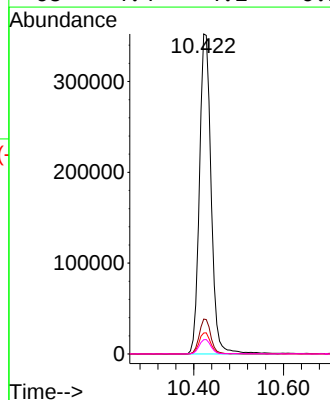
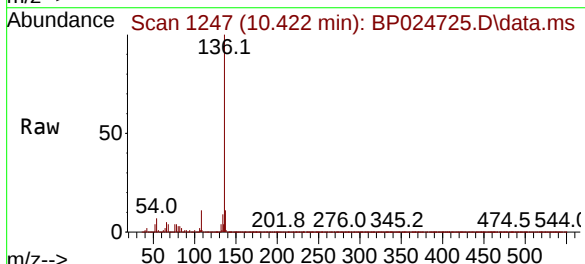
Instrument :
BNA_P
ClientSampleId :
OU4-TS-27-050725RX

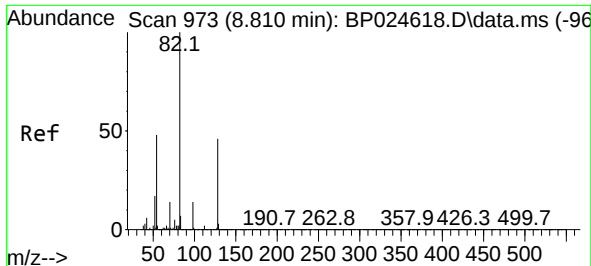
Tgt Ion: 99 Resp: 858393
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024725.D
Acq: 21 May 2025 04:10

Tgt Ion:136 Resp: 636408
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.5 8.3
68 4.4 4.2 6.2

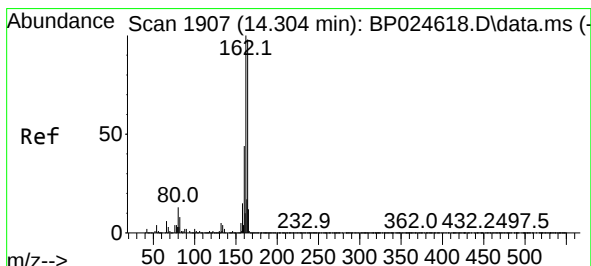
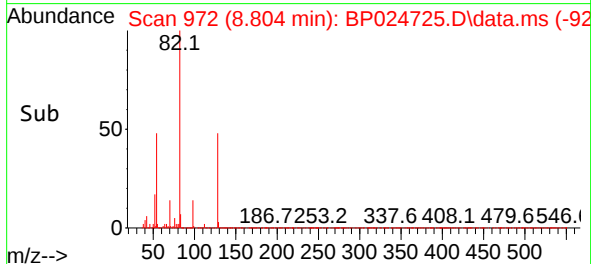
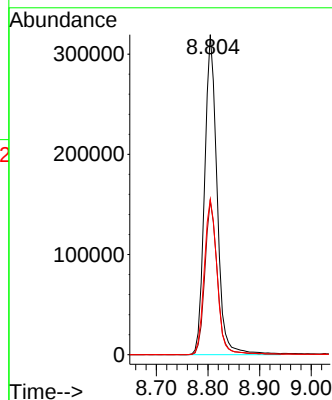
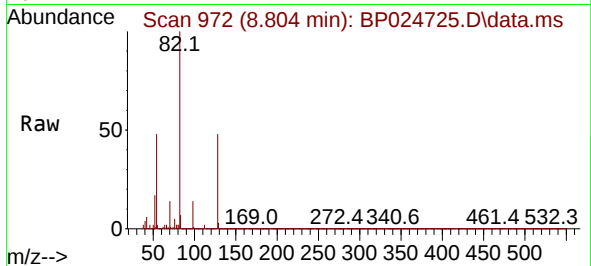




#23
Nitrobenzene-d5
Concen: 42.662 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024725.D
Acq: 21 May 2025 04:10

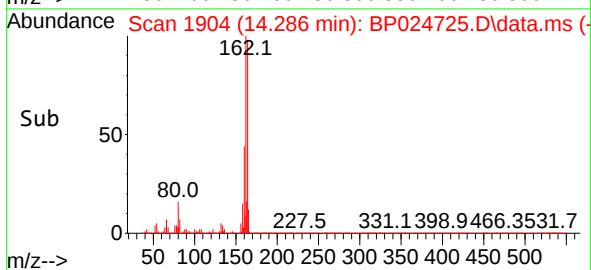
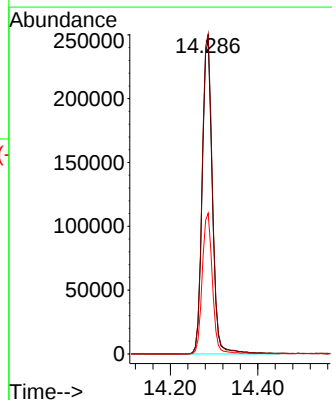
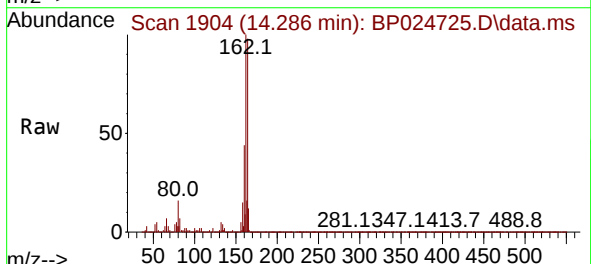
Instrument :
BNA_P
ClientSampleId :
OU4-TS-27-050725RX

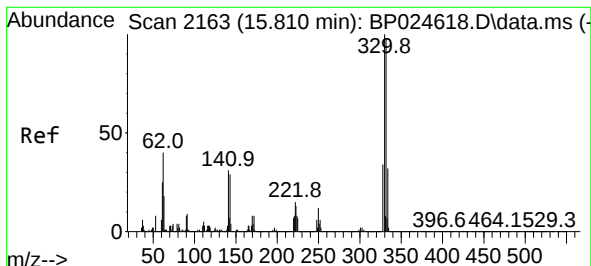
Tgt Ion: 82 Resp: 537349
Ion Ratio Lower Upper
82 100
128 48.2 37.0 55.4
54 48.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024725.D
Acq: 21 May 2025 04:10

Tgt Ion:164 Resp: 397224
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.6
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 79.227 ng

RT: 15.804 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-27-050725RX

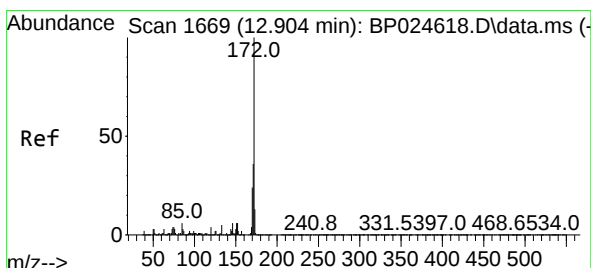
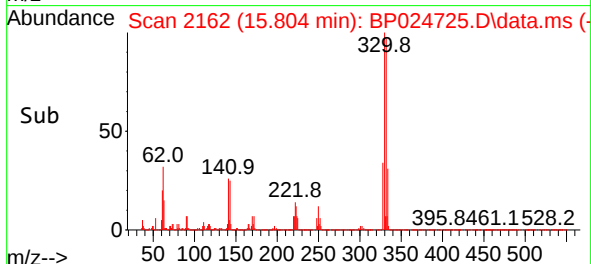
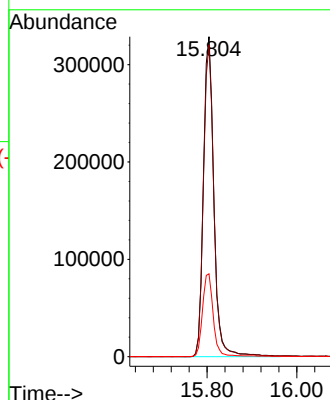
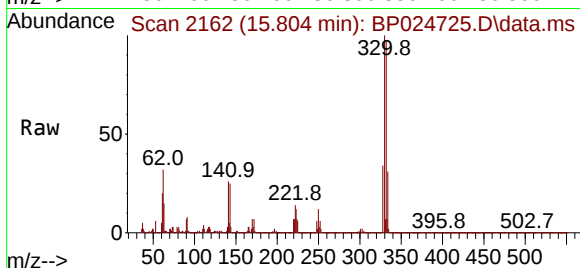
Tgt Ion:330 Resp: 533522

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 26.4 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 41.884 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

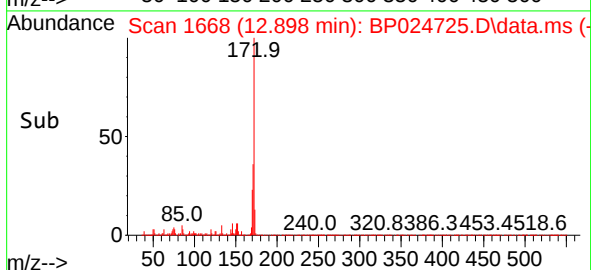
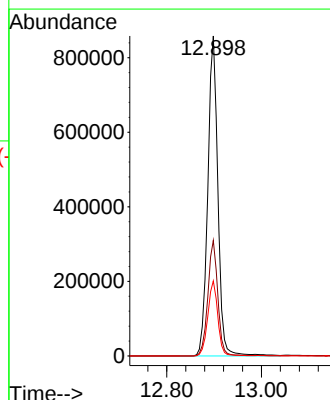
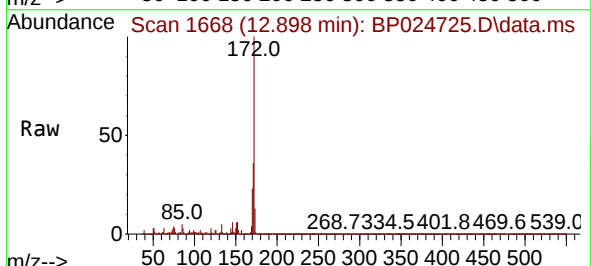
Tgt Ion:172 Resp: 1269911

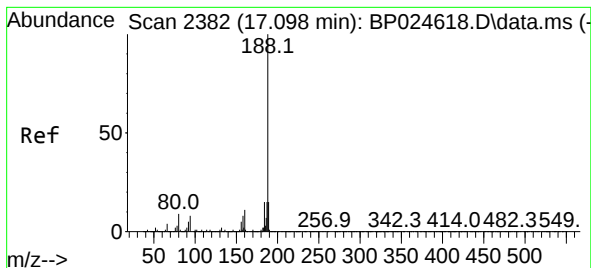
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-27-050725RX

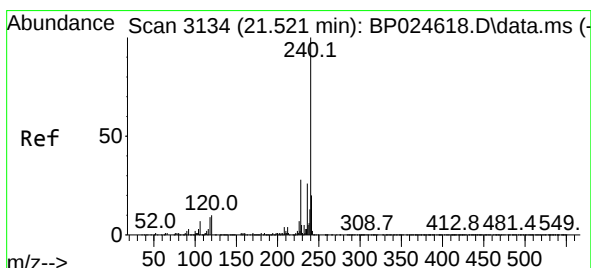
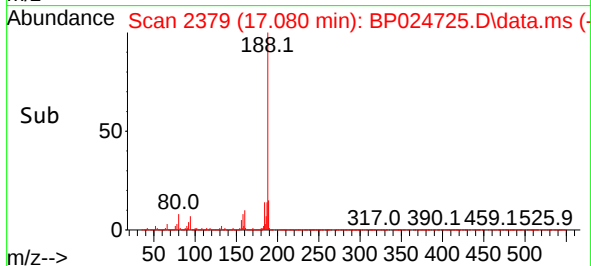
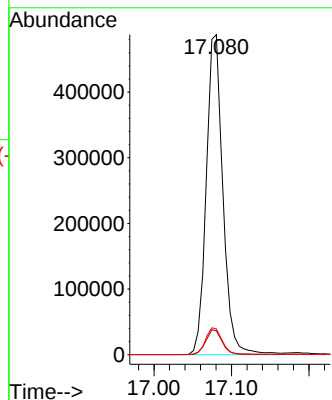
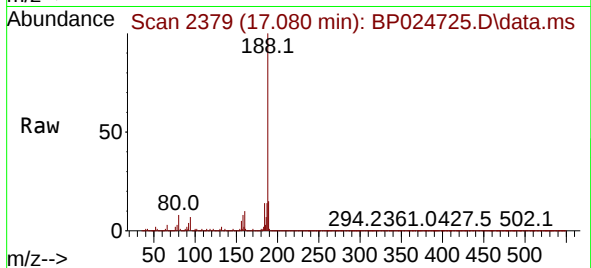
Tgt Ion:188 Resp: 726572

Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 8.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

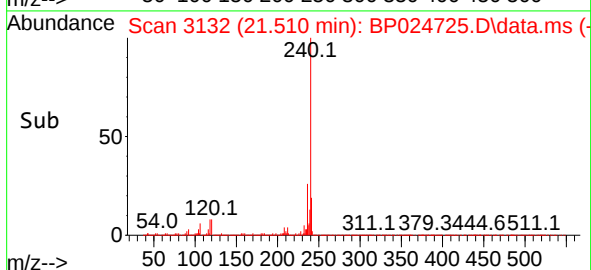
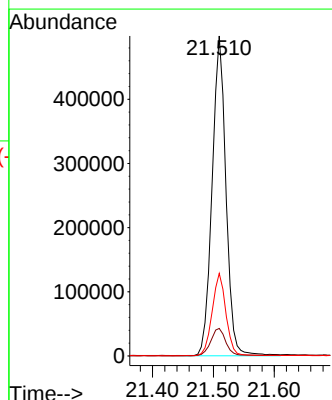
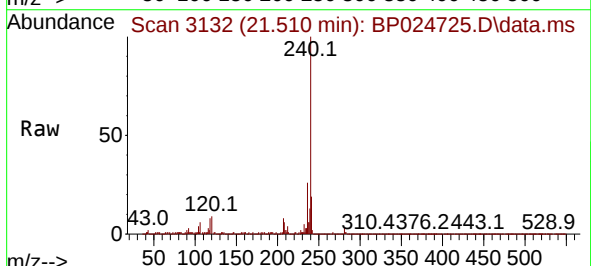
Tgt Ion:240 Resp: 787708

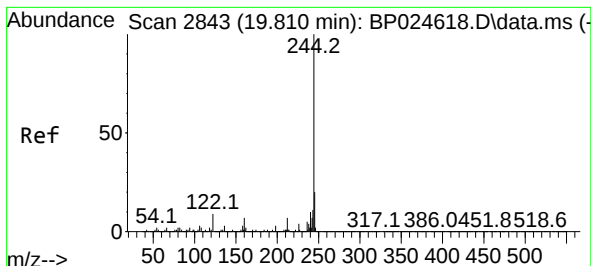
Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 40.268 ng

RT: 19.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-27-050725RX

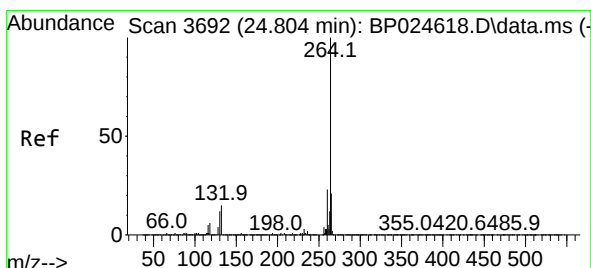
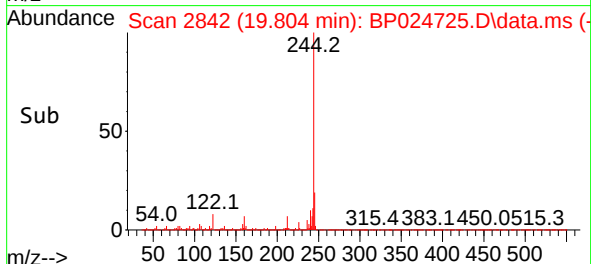
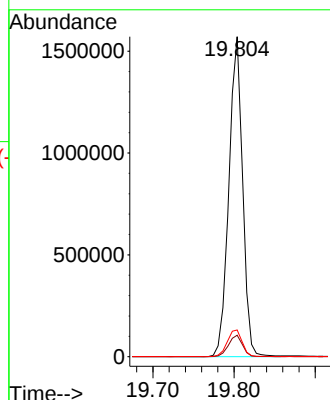
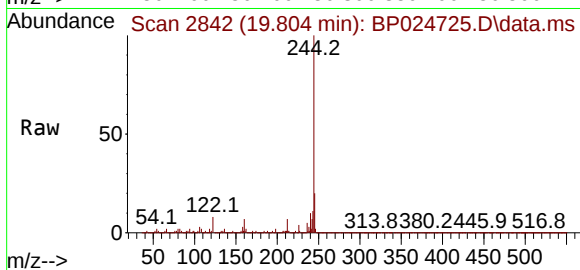
Tgt Ion:244 Resp: 1849860

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.4 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.786 min Scan# 3689

Delta R.T. -0.018 min

Lab File: BP024725.D

Acq: 21 May 2025 04:10

Tgt Ion:264 Resp: 957235

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.4 17.0 25.6

