

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024640.D
 Acq On : 15 May 2025 16:40
 Operator : RC/JU
 Sample : Q1984-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-33-050725

Quant Time: May 15 17:46:20 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	7.658	152	153150	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	652972	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	400586	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	820674	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	966886	20.000	ng	0.00
86) Perylene-d12	24.804	264	1054497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	929927	103.854	ng	0.00
7) Phenol-d6	6.852	99	1189214	104.061	ng	0.00
23) Nitrobenzene-d5	8.811	82	665326	51.482	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	660516	97.262	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1737500	56.825	ng	0.00
79) Terphenyl-d14	19.810	244	3391751	60.150	ng	0.00

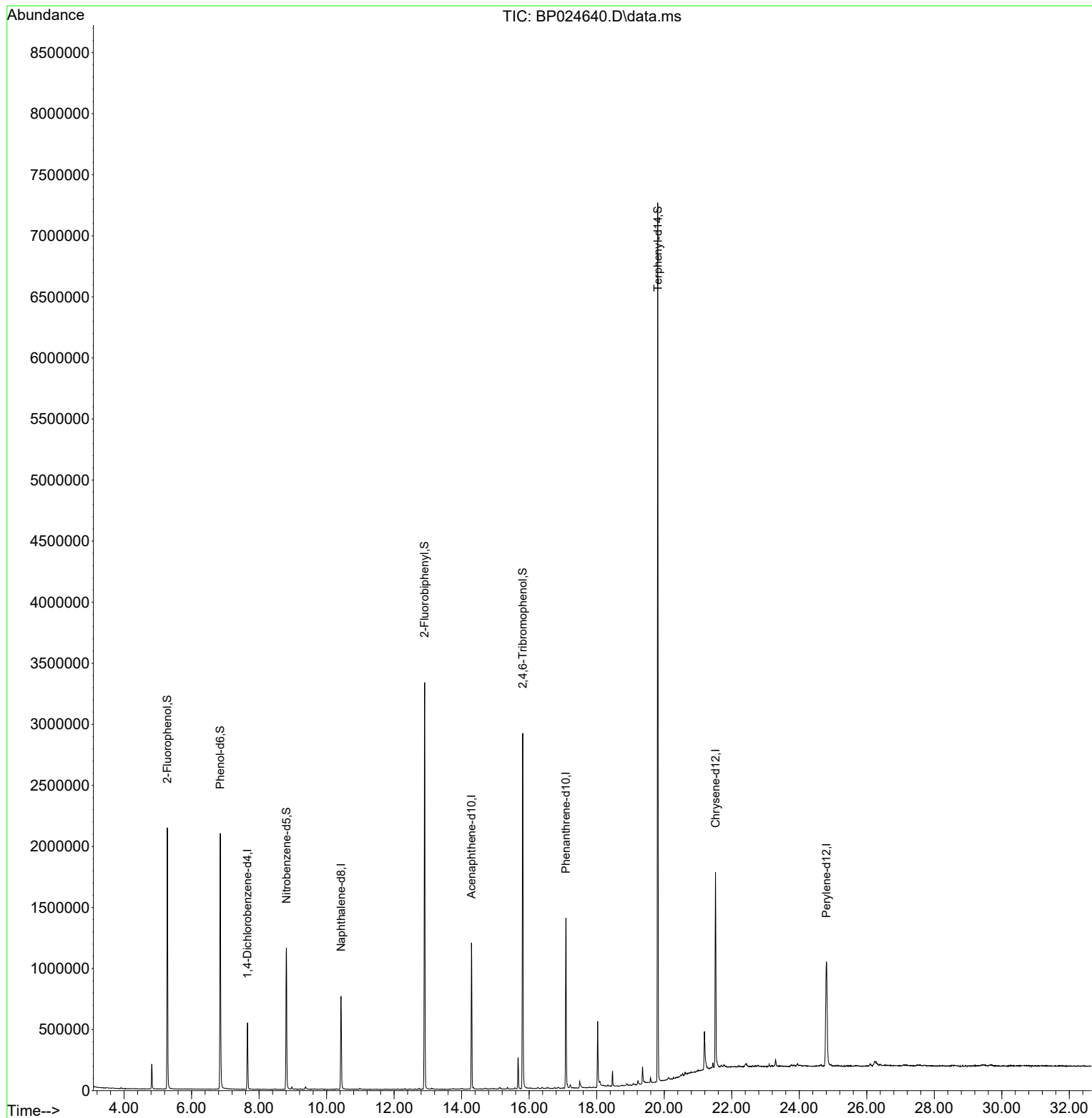
Target Compounds	Qvalue

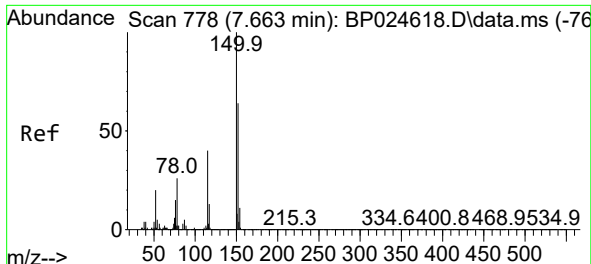
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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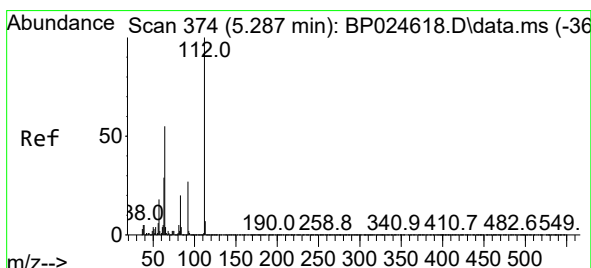
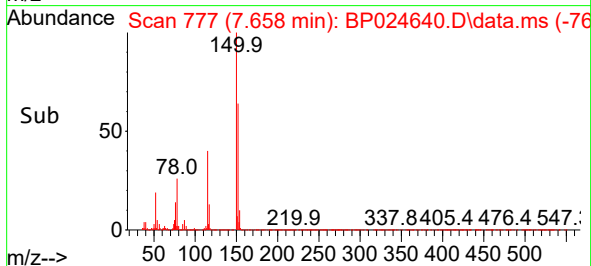
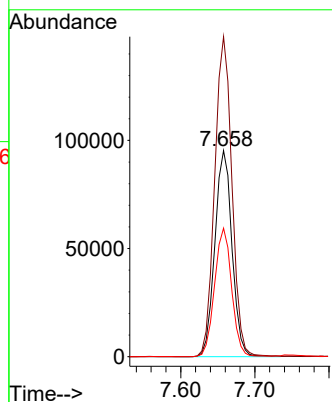
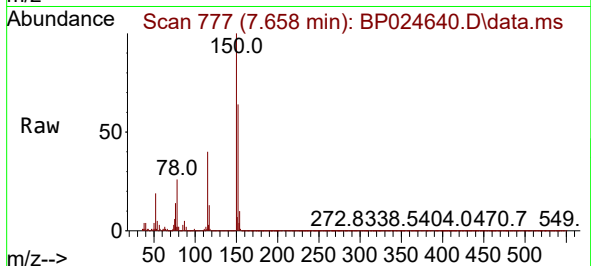




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024640.D
Acq: 15 May 2025 16:40

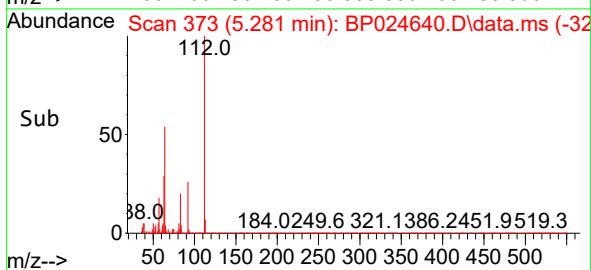
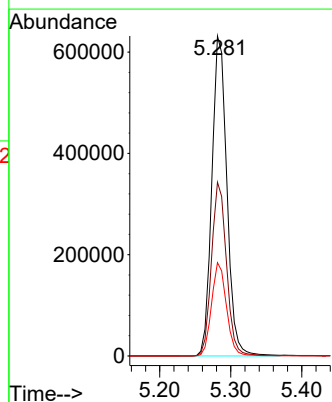
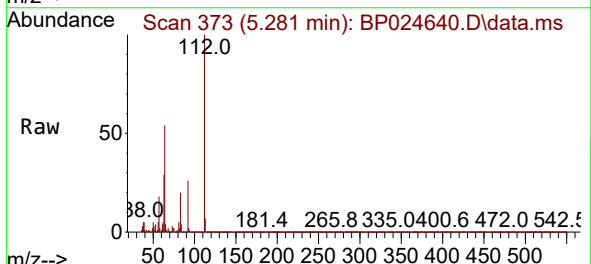
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-33-050725

Tgt Ion:152 Resp: 153150
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 62.4 50.1 75.1



#5
2-Fluorophenol
Concen: 103.854 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024640.D
Acq: 15 May 2025 16:40

Tgt Ion:112 Resp: 929927
Ion Ratio Lower Upper
112 100
64 54.3 44.1 66.1
63 29.2 23.5 35.3



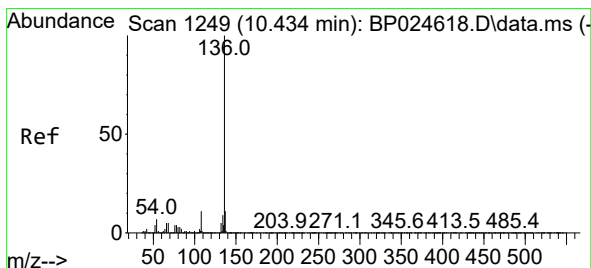
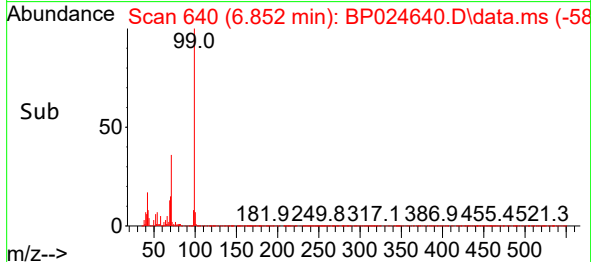
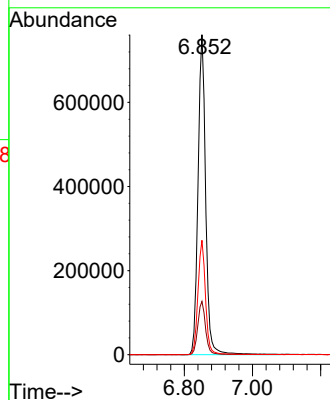
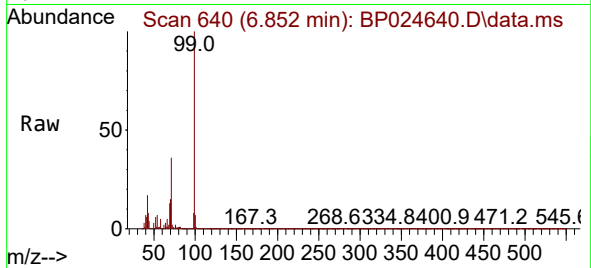


#7
Phenol-d6
Concen: 104.061 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024640.D
Acq: 15 May 2025 16:40

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-33-050725

Tgt Ion: 99 Resp: 1189214

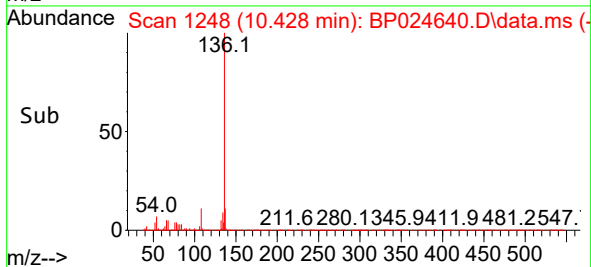
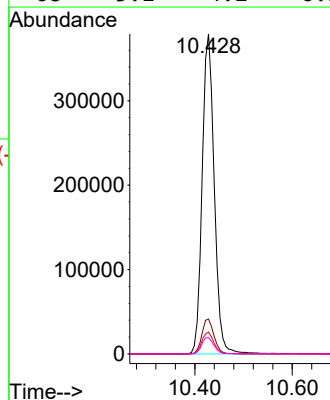
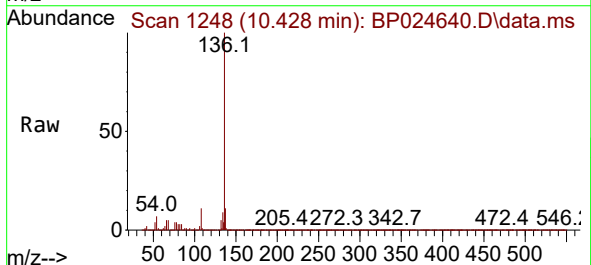
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.4	21.6
71	35.7	29.2	43.8

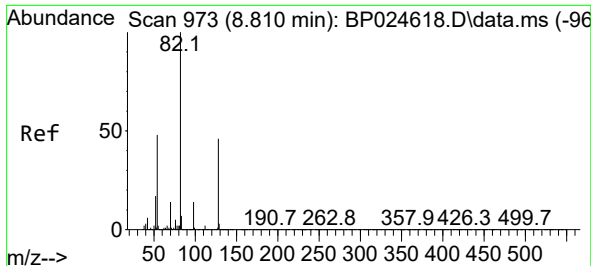


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024640.D
Acq: 15 May 2025 16:40

Tgt Ion: 136 Resp: 652972

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.5	8.3
68	5.1	4.2	6.2

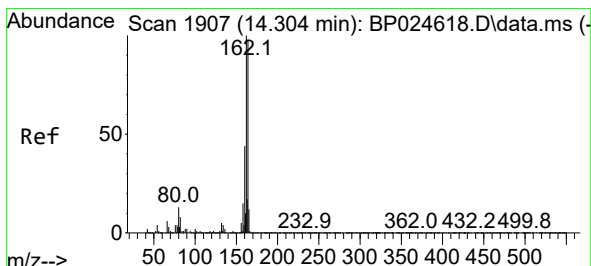
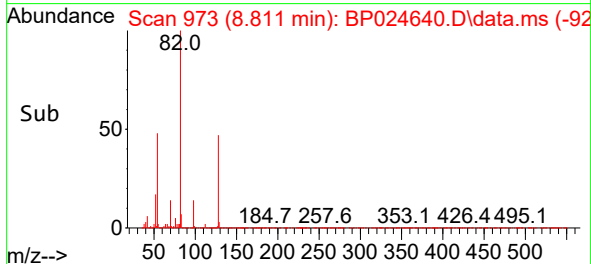
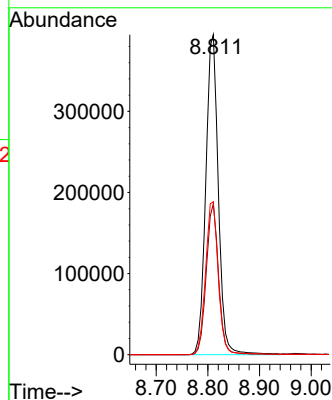
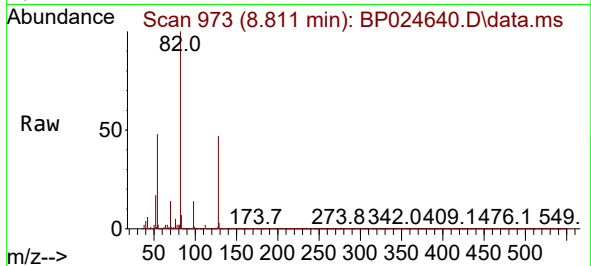




#23
Nitrobenzene-d5
Concen: 51.482 ng
RT: 8.811 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024640.D
Acq: 15 May 2025 16:40

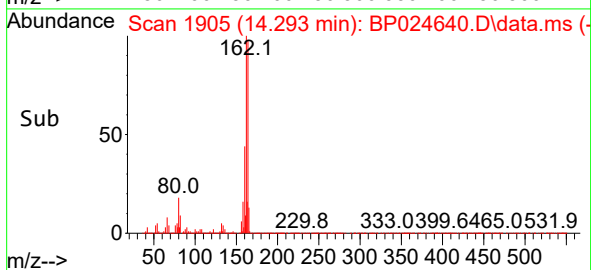
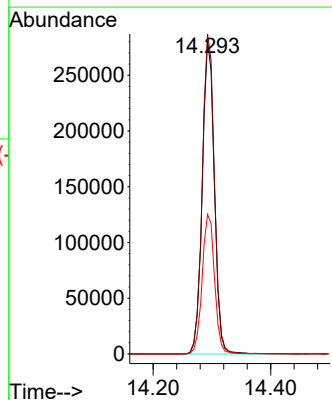
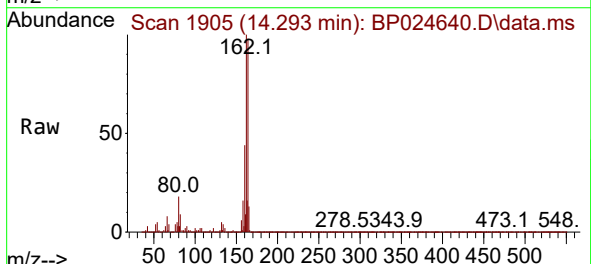
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-33-050725

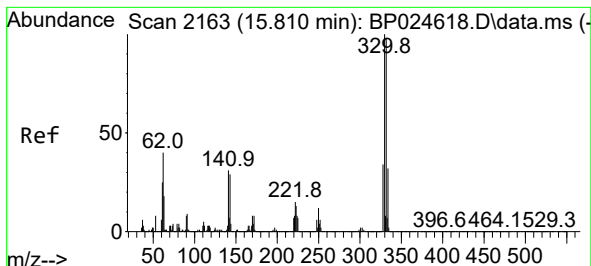
Tgt Ion: 82 Resp: 665326
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 47.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024640.D
Acq: 15 May 2025 16:40

Tgt Ion:164 Resp: 400586
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 97.262 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024640.D

Acq: 15 May 2025 16:40

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-33-050725

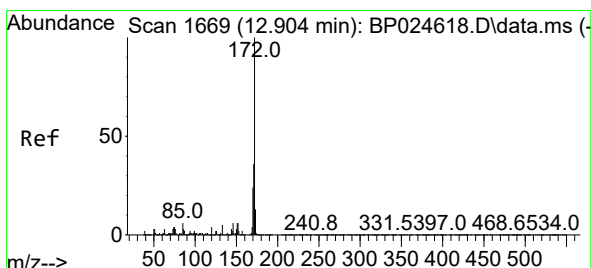
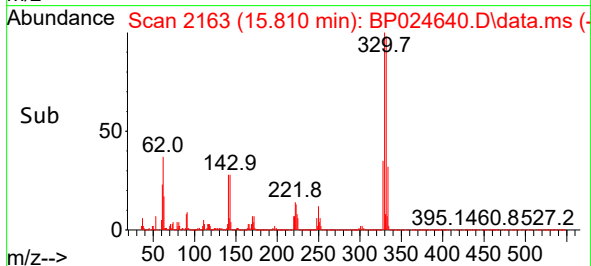
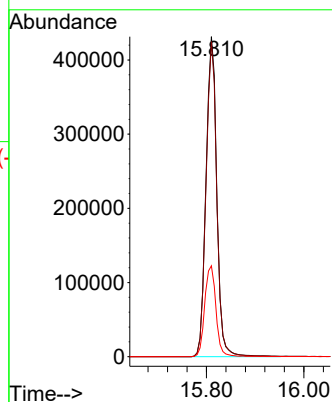
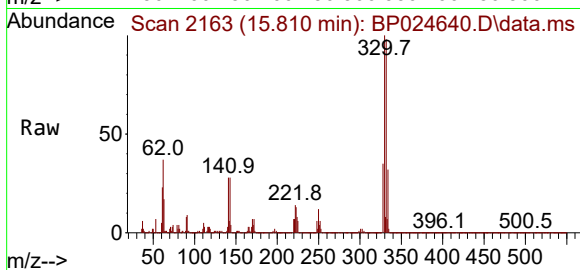
Tgt Ion:330 Resp: 660516

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 29.8 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 56.825 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP024640.D

Acq: 15 May 2025 16:40

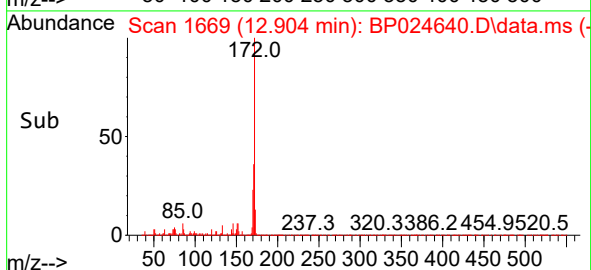
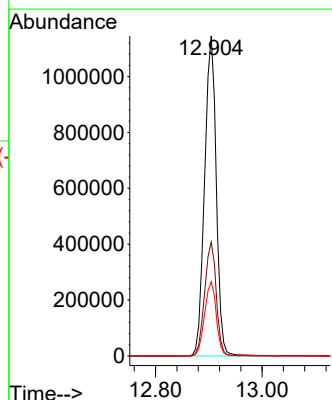
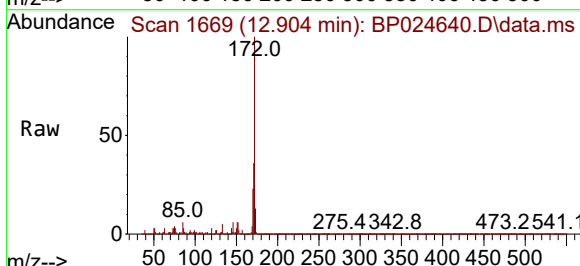
Tgt Ion:172 Resp: 1737500

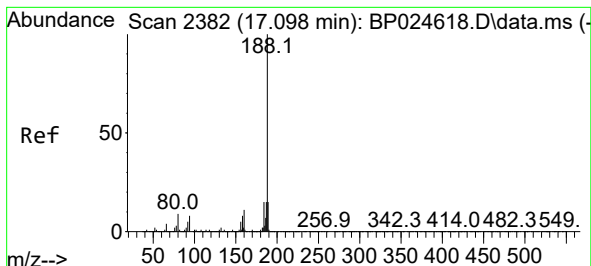
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024640.D

Acq: 15 May 2025 16:40

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-33-050725

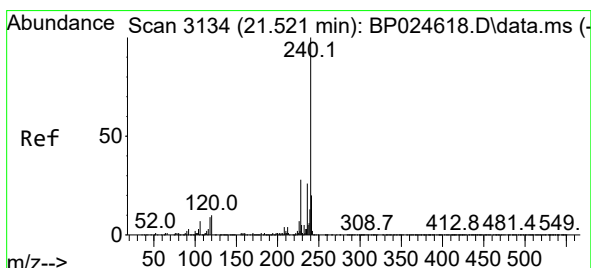
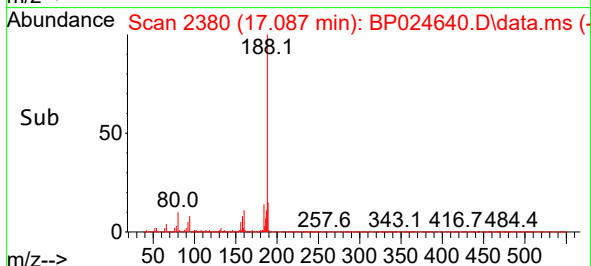
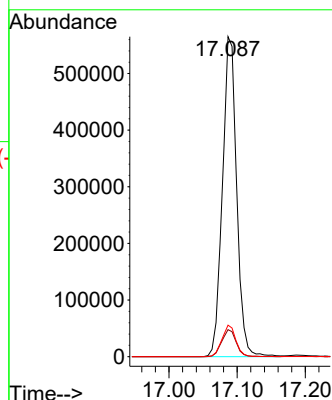
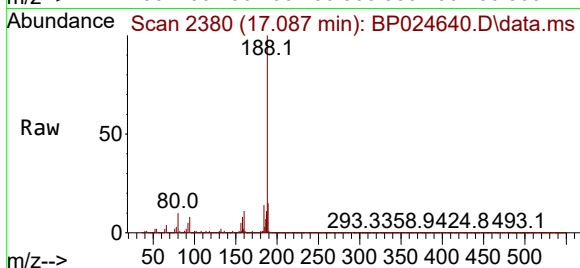
Tgt Ion:188 Resp: 820674

Ion Ratio Lower Upper

188 100

94 8.4 6.5 9.7

80 9.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024640.D

Acq: 15 May 2025 16:40

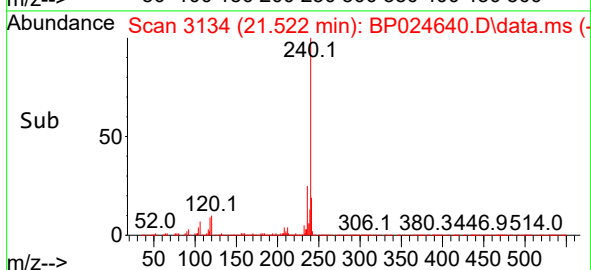
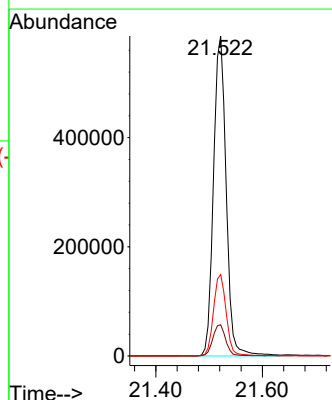
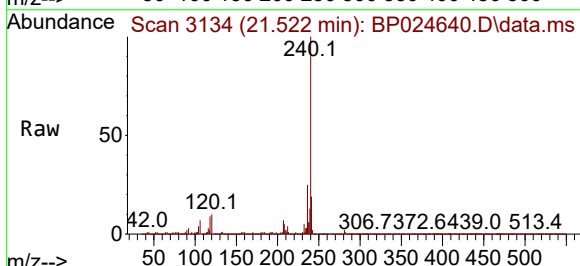
Tgt Ion:240 Resp: 966886

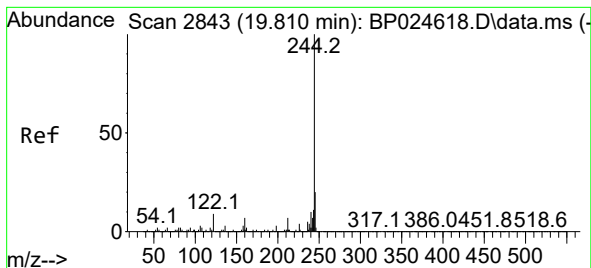
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 60.150 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024640.D

Acq: 15 May 2025 16:40

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-33-050725

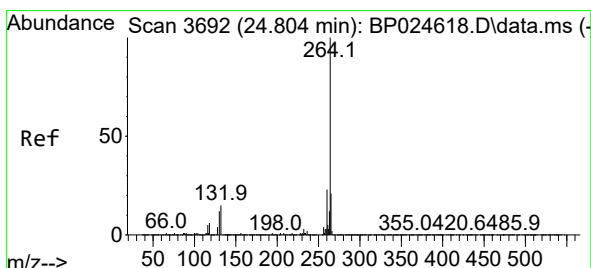
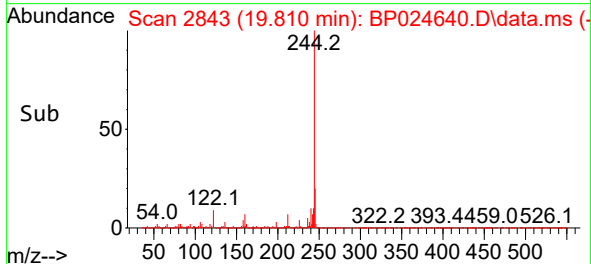
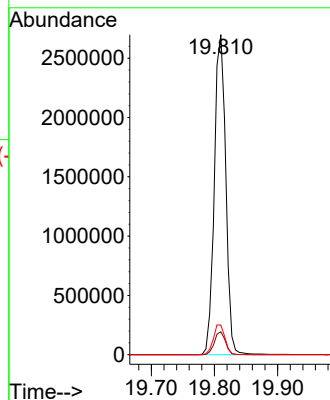
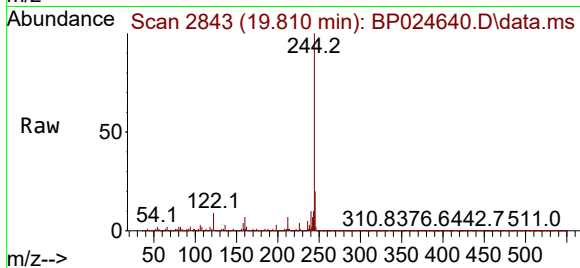
Tgt Ion:244 Resp: 3391751

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP024640.D

Acq: 15 May 2025 16:40

Tgt Ion:264 Resp: 1054497

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 17.0 25.6

