

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024642.D
 Acq On : 15 May 2025 18:01
 Operator : RC/JU
 Sample : Q1984-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-35-050725

Quant Time: May 15 18:22:32 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	7.663	152	173289	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	651725	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	363870	20.000	ng	-0.01
64) Phenanthrene-d10	17.098	188	628267	20.000	ng	0.00
76) Chrysene-d12	21.521	240	642463	20.000	ng	0.00
86) Perylene-d12	24.809	264	827790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	862777	85.156	ng	0.00
7) Phenol-d6	6.851	99	1047651	81.020	ng	0.00
23) Nitrobenzene-d5	8.810	82	632070	49.003	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	475112	77.020	ng	0.01
45) 2-Fluorobiphenyl	12.898	172	1539495	55.430	ng	0.00
79) Terphenyl-d14	19.815	244	2043872	54.550	ng	0.00

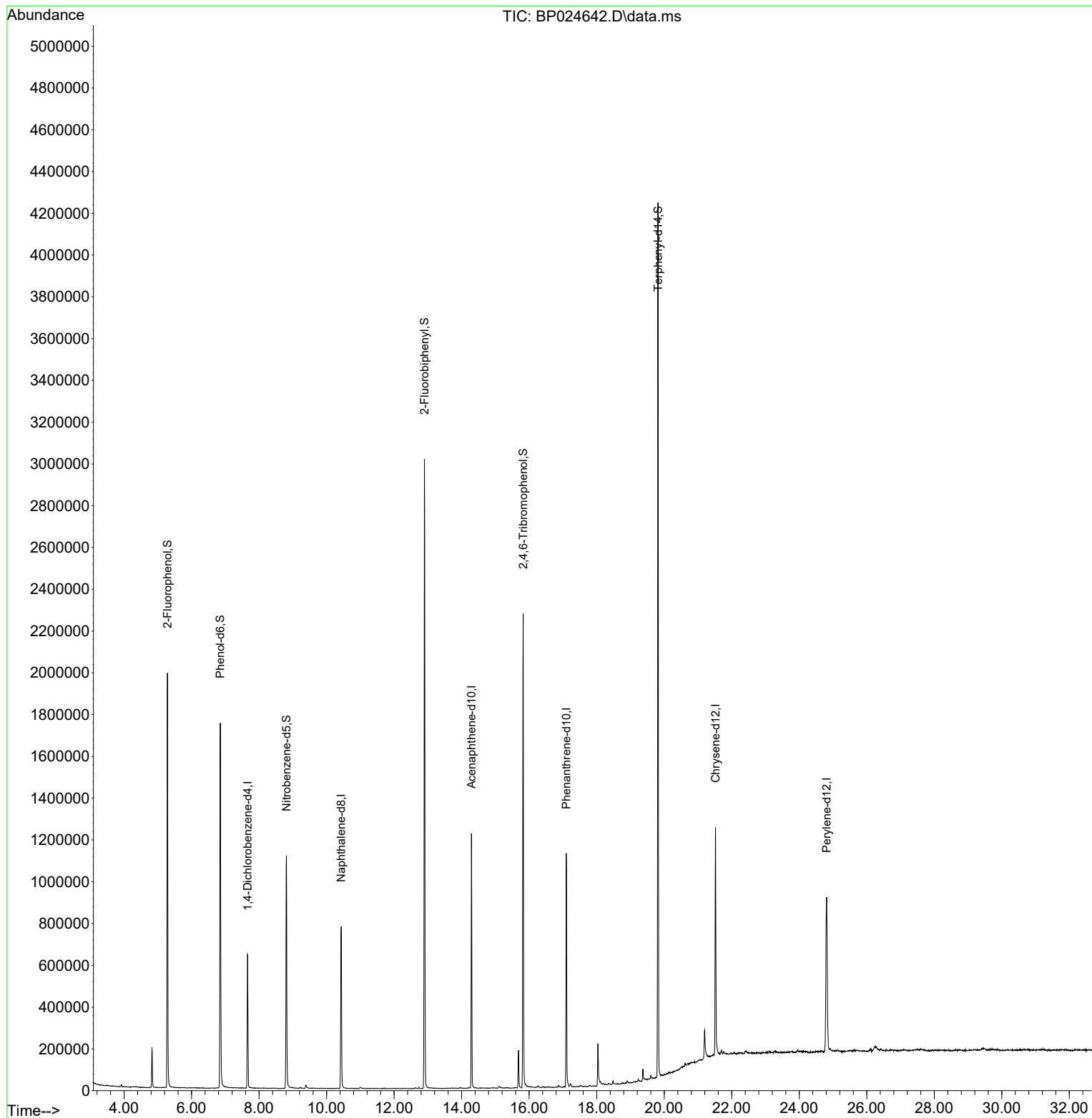
Target Compounds	Qvalue

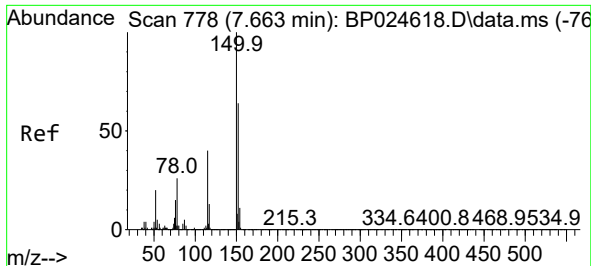
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024642.D
Acq On : 15 May 2025 18:01
Operator : RC/JU
Sample : Q1984-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-35-050725

Quant Time: May 15 18:22:32 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

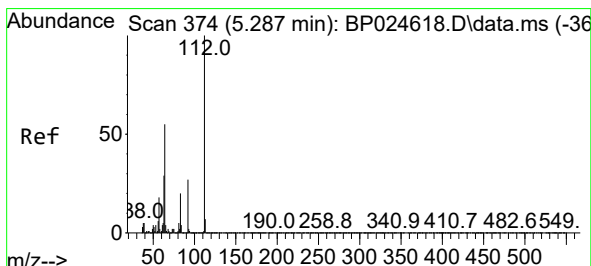
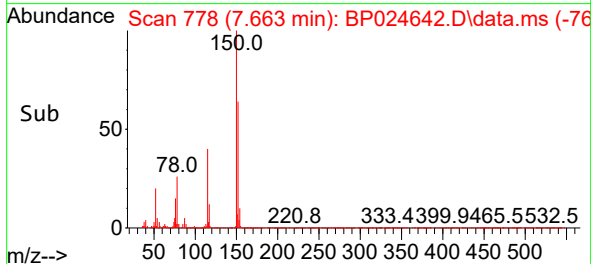
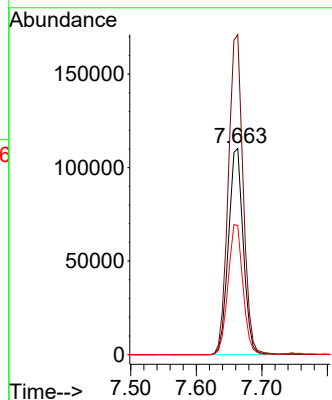
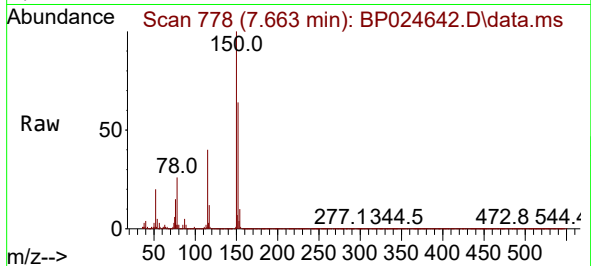




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024642.D
Acq: 15 May 2025 18:01

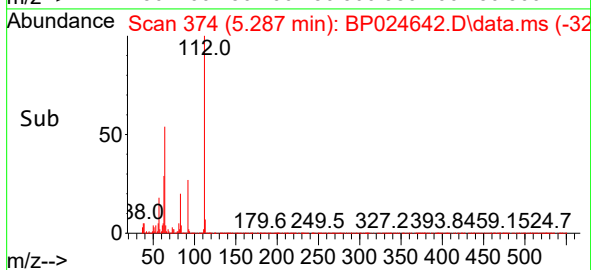
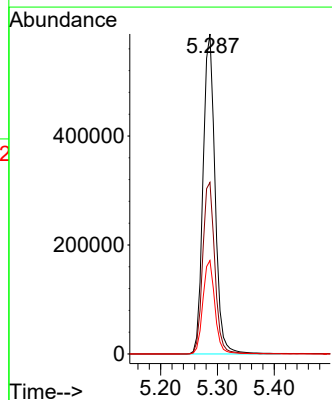
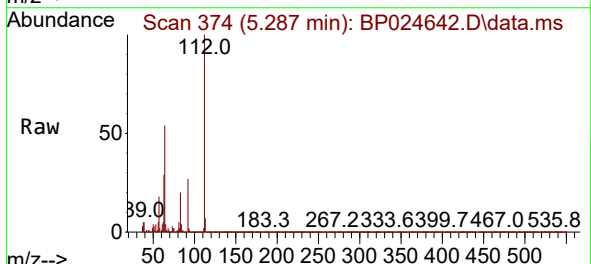
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-35-050725

Tgt Ion:152 Resp: 173289
Ion Ratio Lower Upper
152 100
150 155.1 125.9 188.9
115 62.6 50.1 75.1



#5
2-Fluorophenol
Concen: 85.156 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024642.D
Acq: 15 May 2025 18:01

Tgt Ion:112 Resp: 862777
Ion Ratio Lower Upper
112 100
64 53.6 44.1 66.1
63 29.2 23.5 35.3



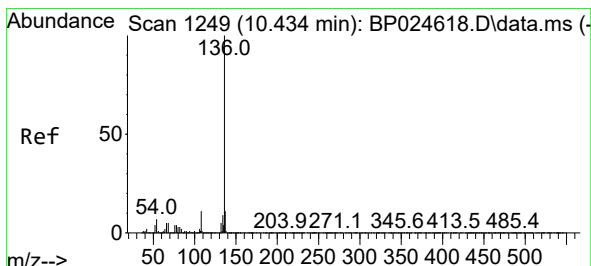
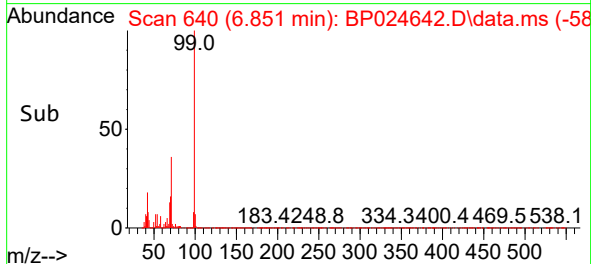
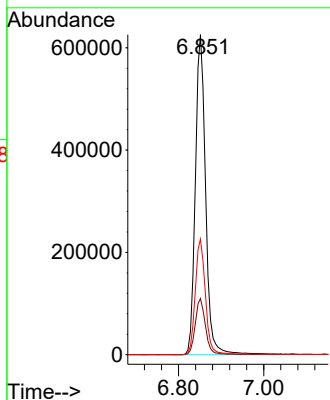
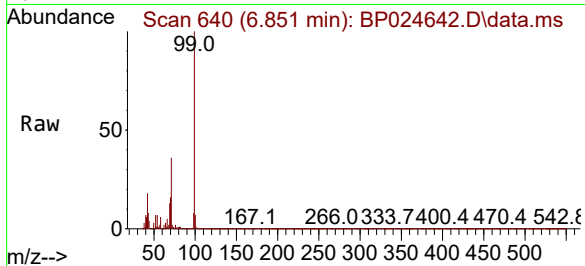


#7
Phenol-d6
Concen: 81.020 ng
RT: 6.851 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024642.D
Acq: 15 May 2025 18:01

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-35-050725

Tgt Ion: 99 Resp: 1047651

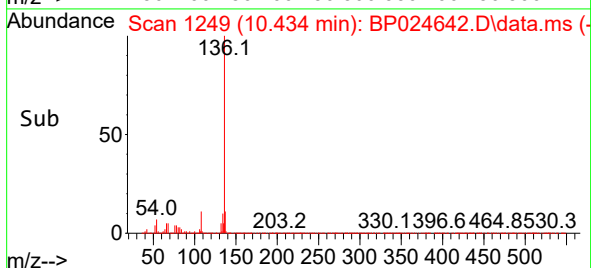
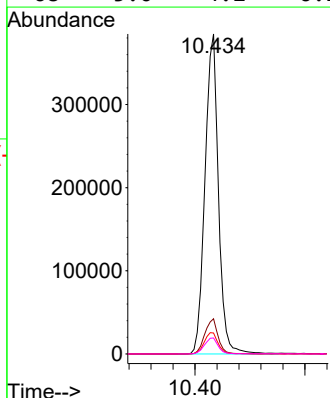
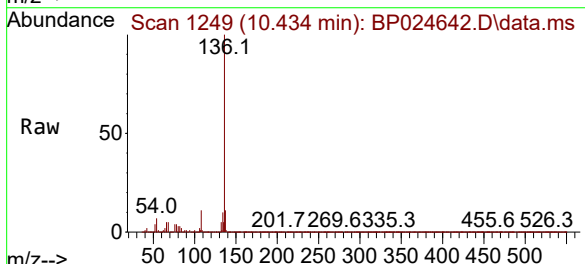
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.4	21.6
71	36.1	29.2	43.8

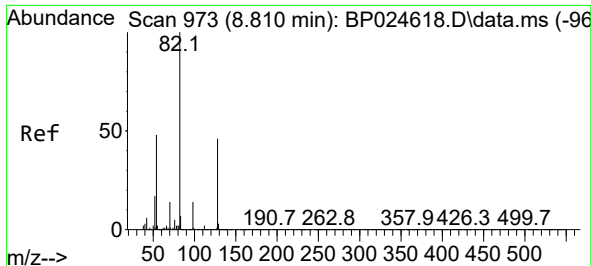


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024642.D
Acq: 15 May 2025 18:01

Tgt Ion: 136 Resp: 651725

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.5	8.3
68	5.0	4.2	6.2

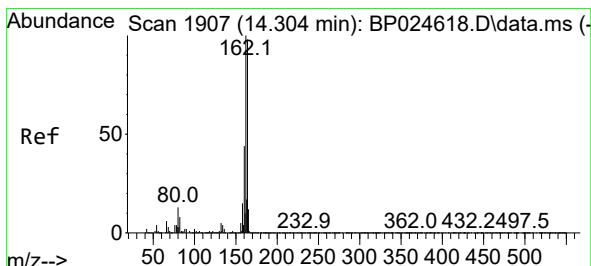
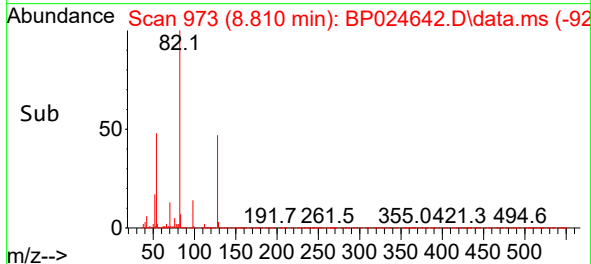
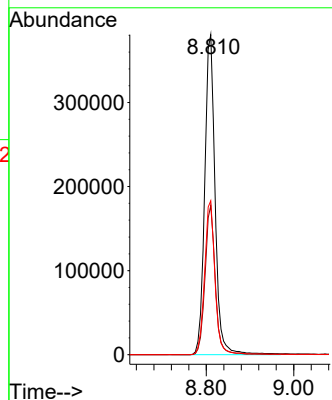
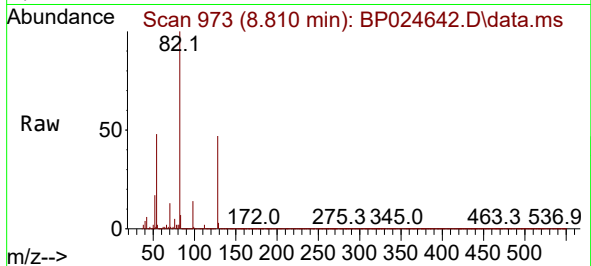




#23
Nitrobenzene-d5
Concen: 49.003 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024642.D
Acq: 15 May 2025 18:01

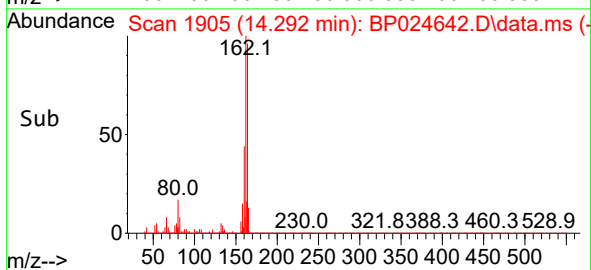
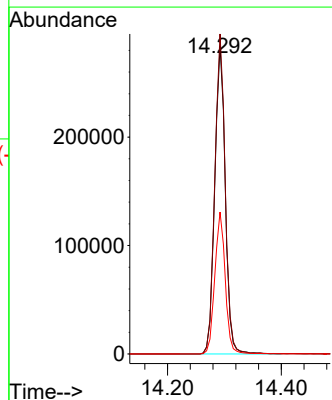
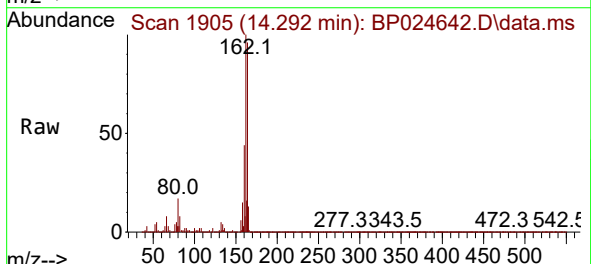
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-35-050725

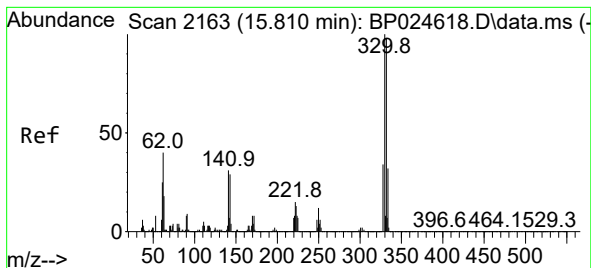
Tgt Ion: 82 Resp: 632070
Ion Ratio Lower Upper
82 100
128 46.6 37.0 55.4
54 48.1 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024642.D
Acq: 15 May 2025 18:01

Tgt Ion:164 Resp: 363870
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 46.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 77.020 ng

RT: 15.822 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BP024642.D

Acq: 15 May 2025 18:01

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-35-050725

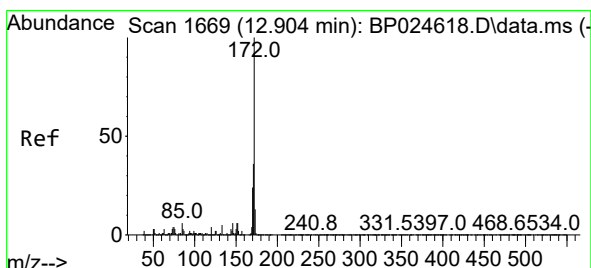
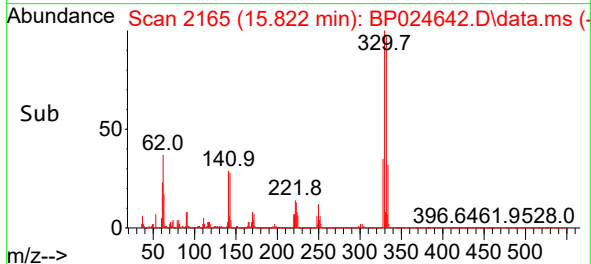
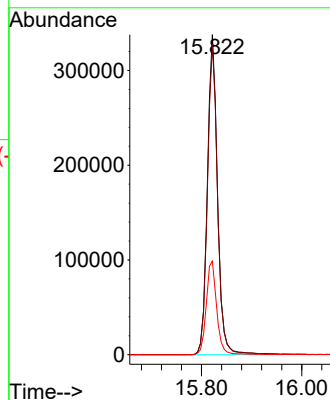
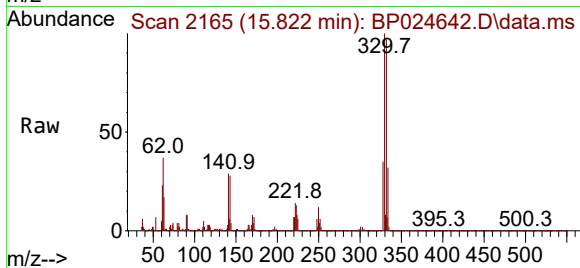
Tgt Ion:330 Resp: 475112

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 30.2 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 55.430 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024642.D

Acq: 15 May 2025 18:01

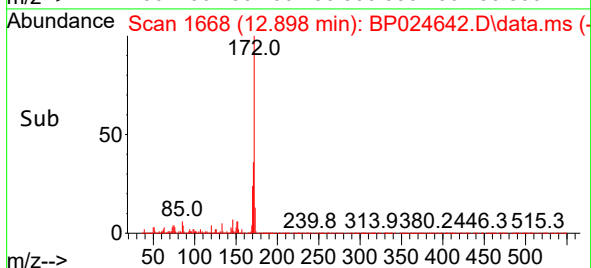
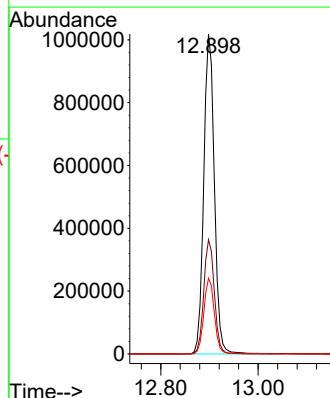
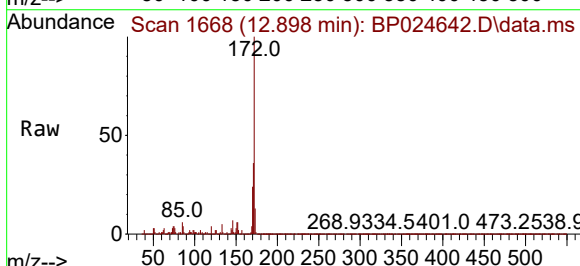
Tgt Ion:172 Resp: 1539495

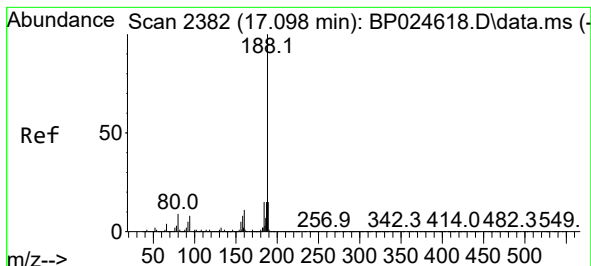
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024642.D

Acq: 15 May 2025 18:01

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-35-050725

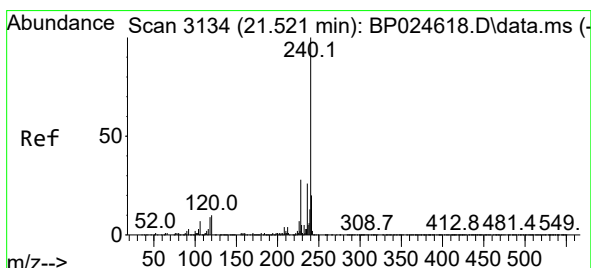
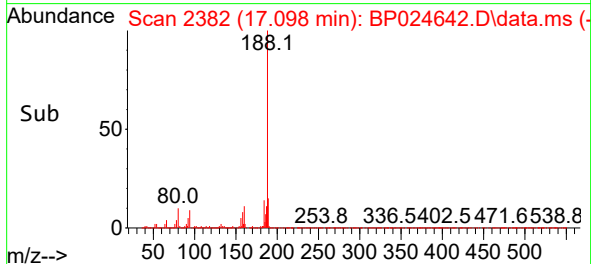
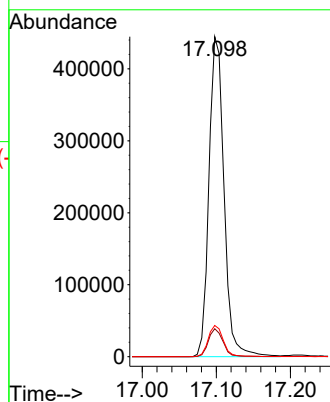
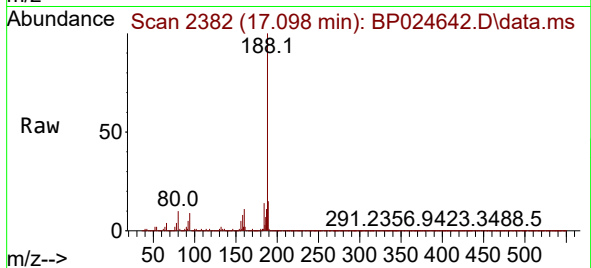
Tgt Ion:188 Resp: 628267

Ion Ratio Lower Upper

188 100

94 8.8 6.5 9.7

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP024642.D

Acq: 15 May 2025 18:01

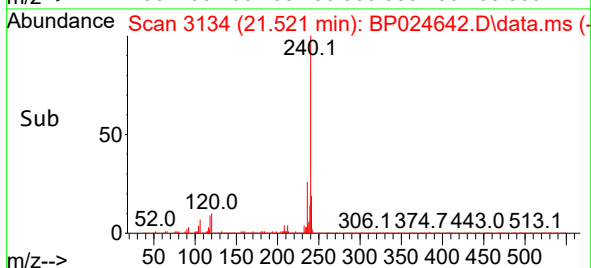
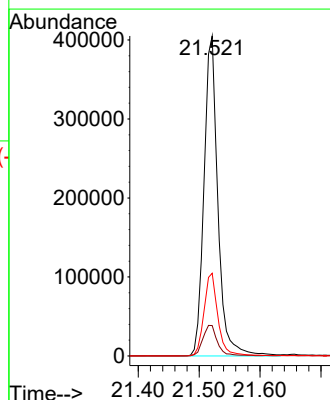
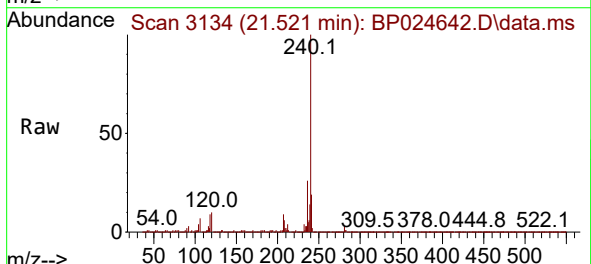
Tgt Ion:240 Resp: 642463

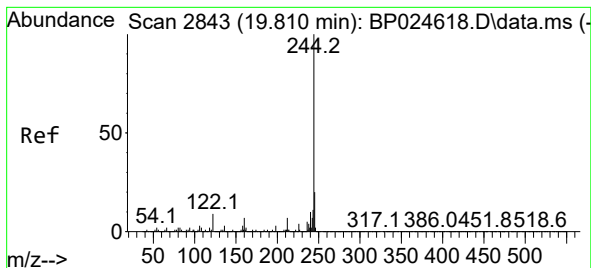
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 54.550 ng

RT: 19.815 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024642.D

Acq: 15 May 2025 18:01

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-35-050725

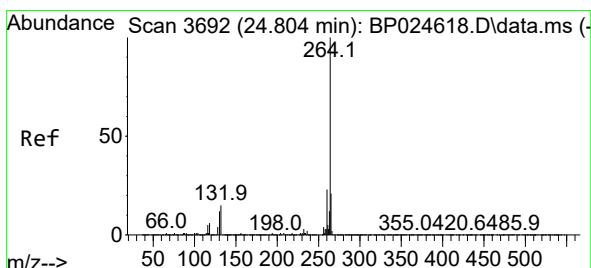
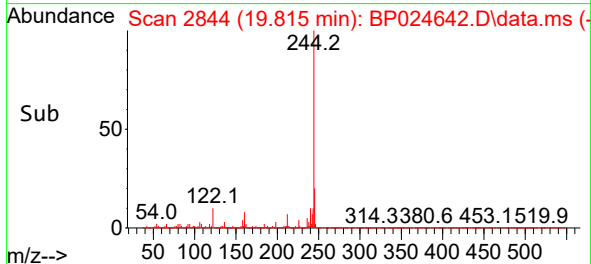
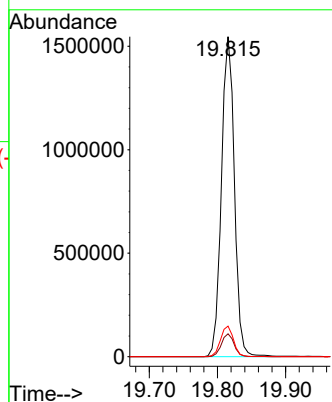
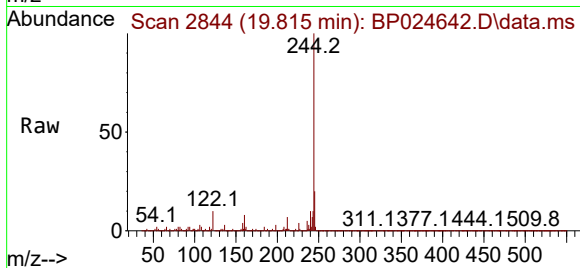
Tgt Ion:244 Resp: 2043872

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.6 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024642.D

Acq: 15 May 2025 18:01

Tgt Ion:264 Resp: 827790

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 17.0 25.6

