

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024648.D
 Acq On : 15 May 2025 22:06
 Operator : RC/JU
 Sample : Q1984-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-24-050725

Quant Time: May 16 01:19:07 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	208034	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	794179	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	459760	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	854275	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	968283	20.000	ng	0.00
86) Perylene-d12	24.798	264	1168790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	936296	76.978	ng	0.00
7) Phenol-d6	6.858	99	1088370	70.111	ng	0.00
23) Nitrobenzene-d5	8.810	82	734988	46.761	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	589276	75.604	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1651068	47.049	ng	0.00
79) Terphenyl-d14	19.810	244	2587308	45.818	ng	0.00

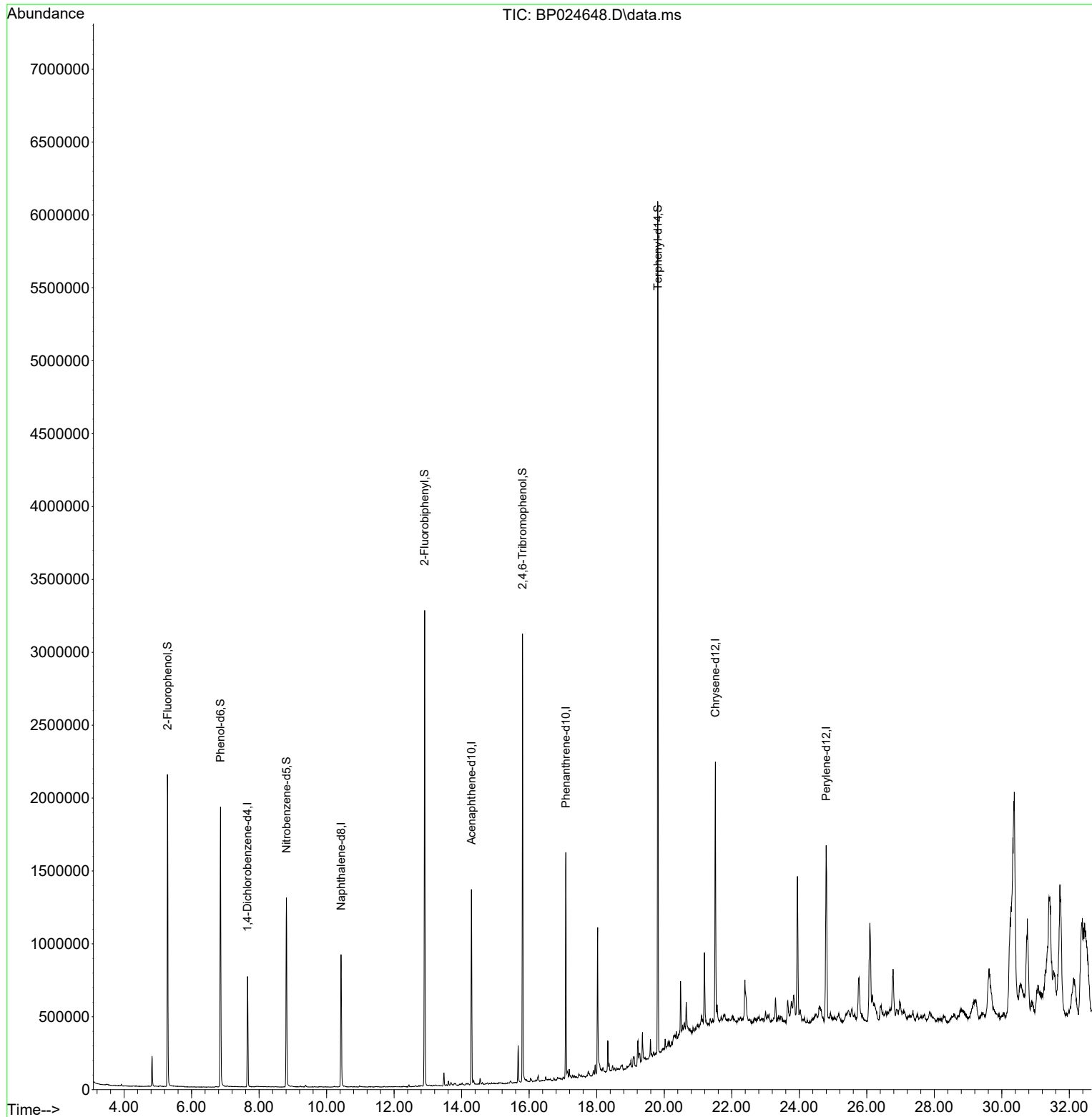
Target Compounds	Qvalue

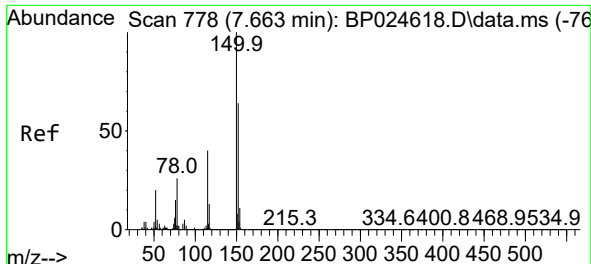
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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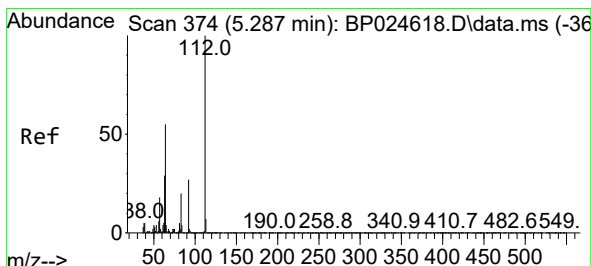
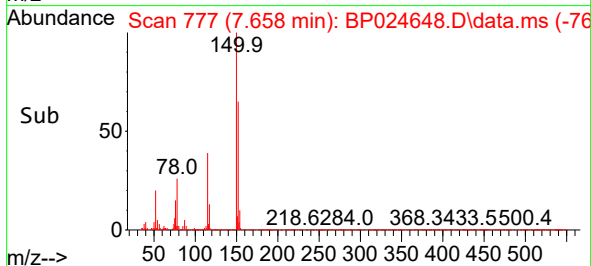
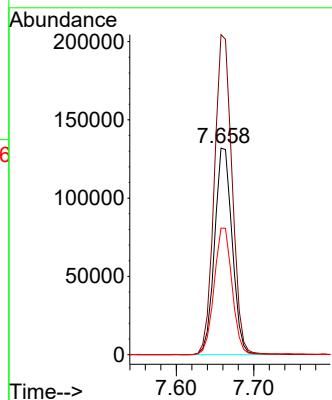
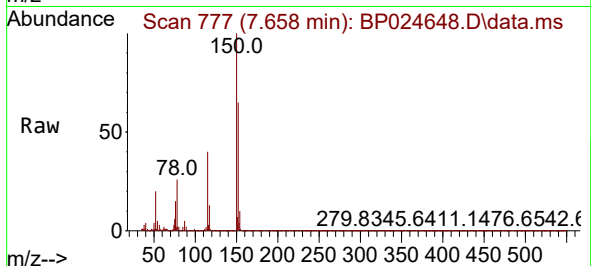




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024648.D
Acq: 15 May 2025 22:06

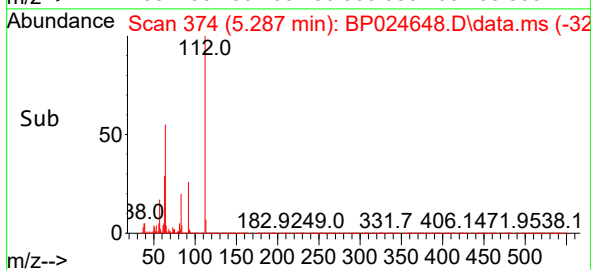
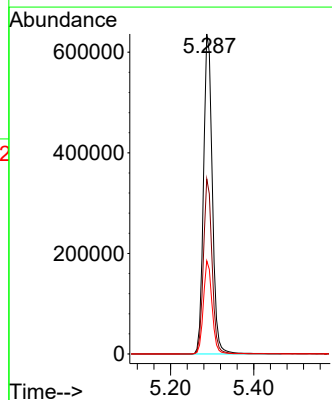
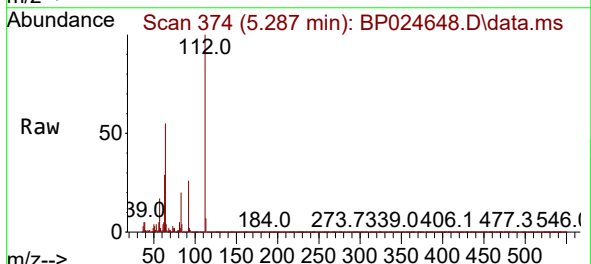
Instrument :
BNA_P
ClientSampleId :
OU4-TS-24-050725

Tgt Ion:152 Resp: 208034
Ion Ratio Lower Upper
152 100
150 154.9 125.9 188.9
115 61.2 50.1 75.1



#5
2-Fluorophenol
Concen: 76.978 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024648.D
Acq: 15 May 2025 22:06

Tgt Ion:112 Resp: 936296
Ion Ratio Lower Upper
112 100
64 54.7 44.1 66.1
63 29.1 23.5 35.3

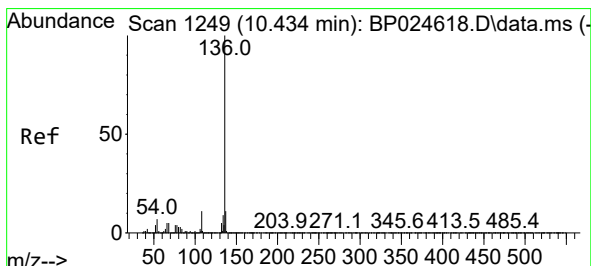
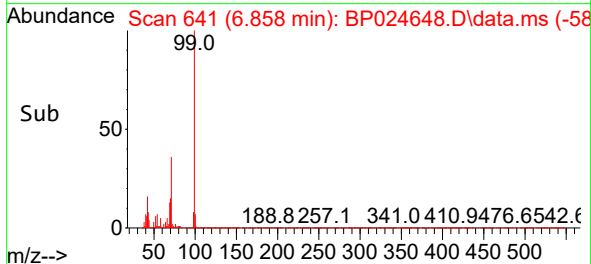
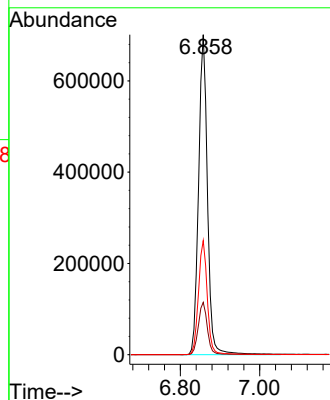
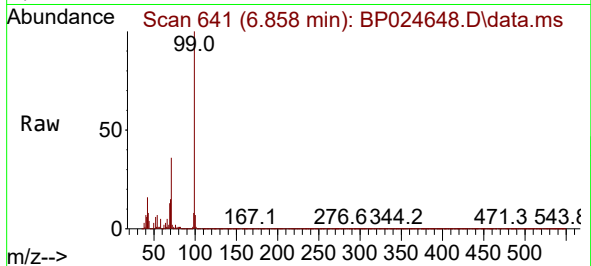




#7
Phenol-d6
Concen: 70.111 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024648.D
Acq: 15 May 2025 22:06

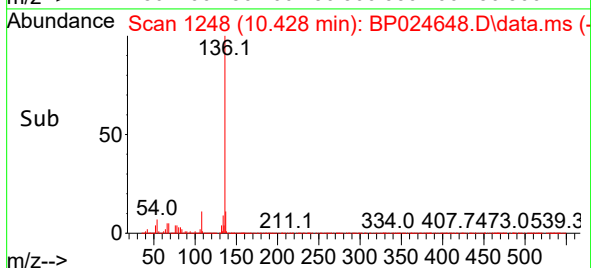
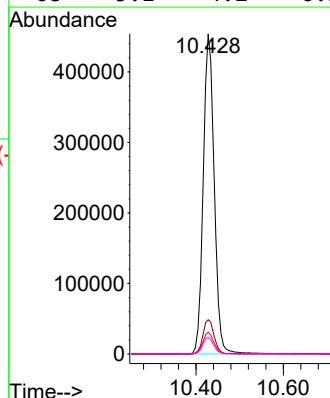
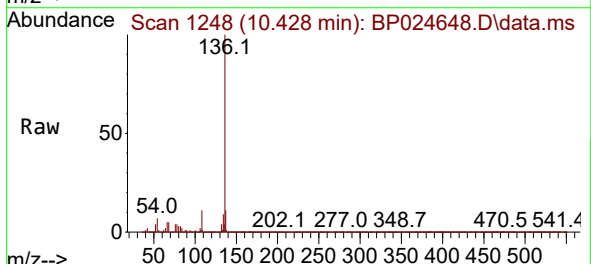
Instrument :
BNA_P
ClientSampleId :
OU4-TS-24-050725

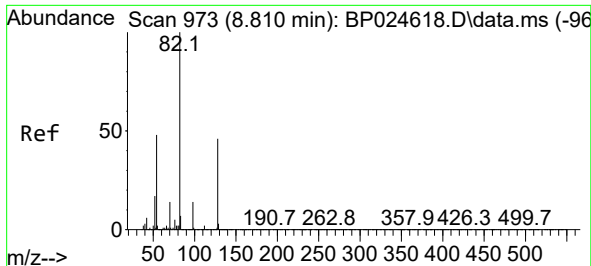
Tgt Ion: 99 Resp: 1088370
Ion Ratio Lower Upper
99 100
42 16.3 14.4 21.6
71 35.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024648.D
Acq: 15 May 2025 22:06

Tgt Ion:136 Resp: 794179
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 5.5 8.3
68 5.1 4.2 6.2

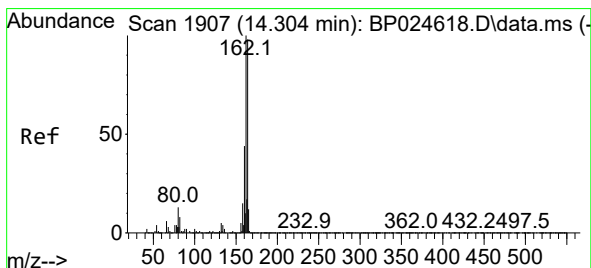
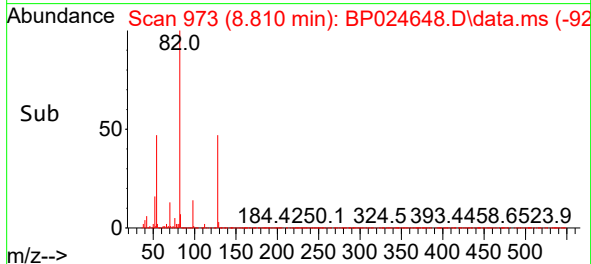
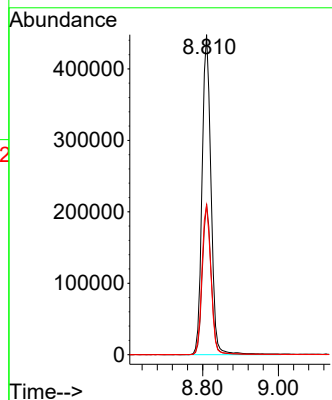
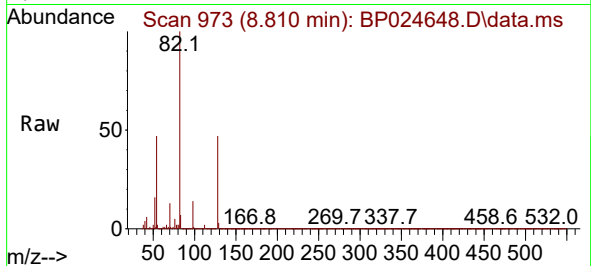




#23
Nitrobenzene-d5
Concen: 46.761 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024648.D
Acq: 15 May 2025 22:06

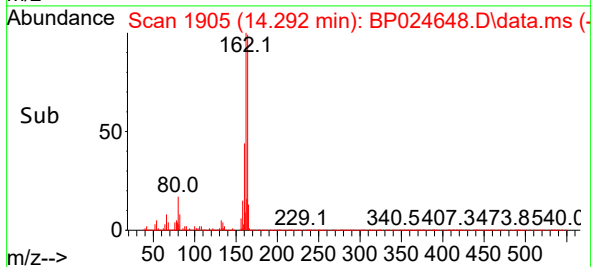
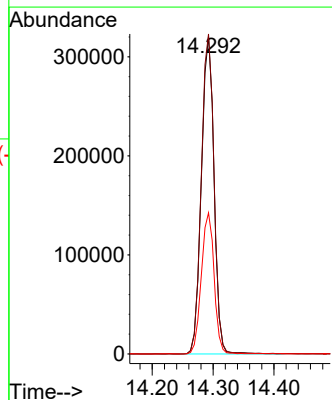
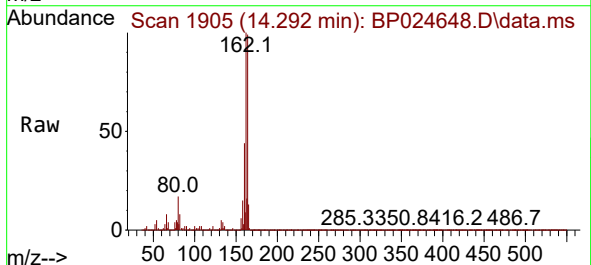
Instrument :
BNA_P
ClientSampleId :
OU4-TS-24-050725

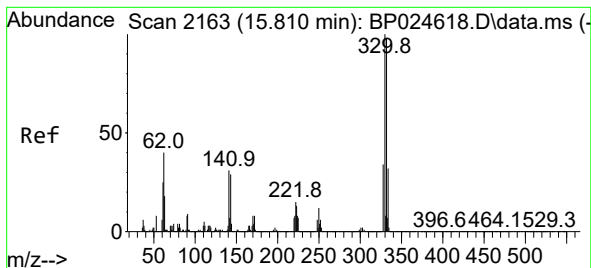
Tgt Ion: 82 Resp: 734988
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 46.6 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024648.D
Acq: 15 May 2025 22:06

Tgt Ion:164 Resp: 459760
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 44.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 75.604 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024648.D

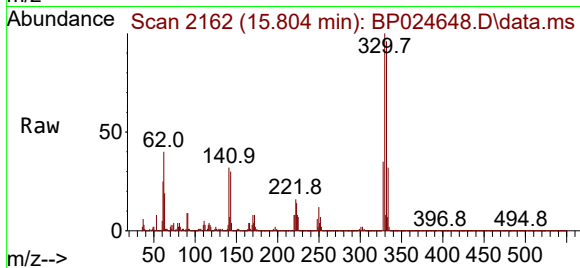
Acq: 15 May 2025 22:06

Instrument :

BNA_P

ClientSampleId :

OU4-TS-24-050725



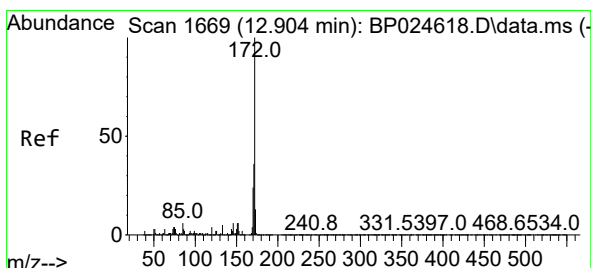
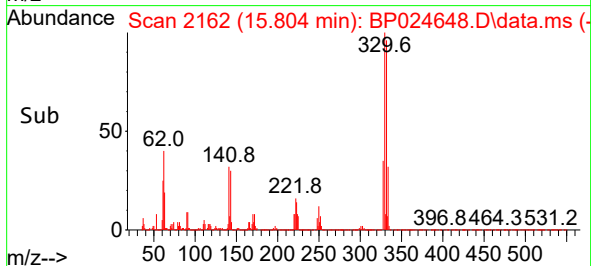
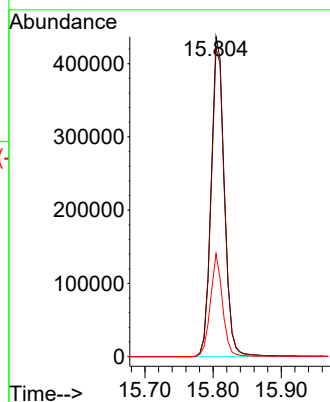
Tgt Ion:330 Resp: 589276

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

141 29.5 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 47.049 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP024648.D

Acq: 15 May 2025 22:06

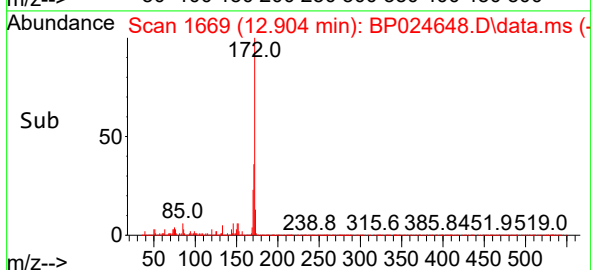
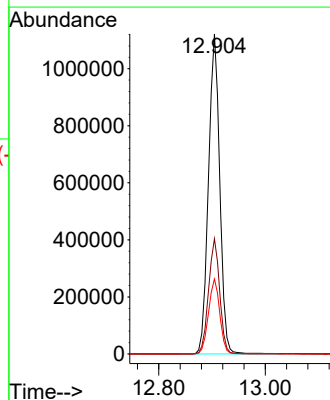
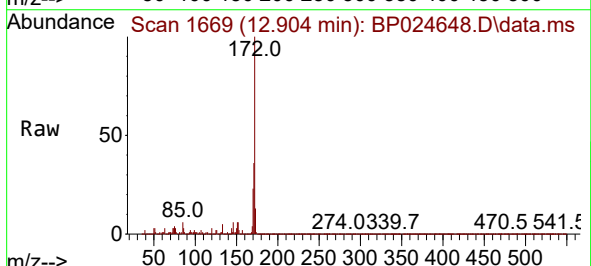
Tgt Ion:172 Resp: 1651068

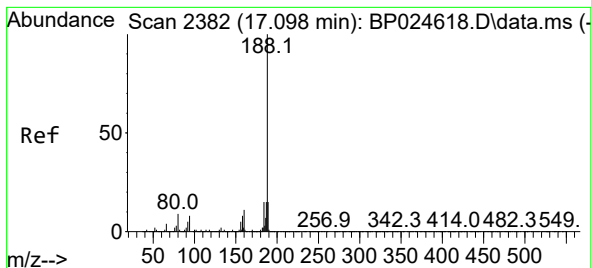
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024648.D

Acq: 15 May 2025 22:06

Instrument :

BNA_P

ClientSampleId :

OU4-TS-24-050725

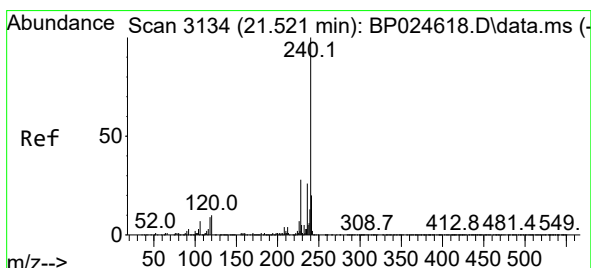
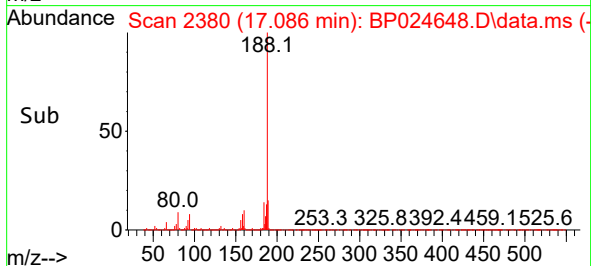
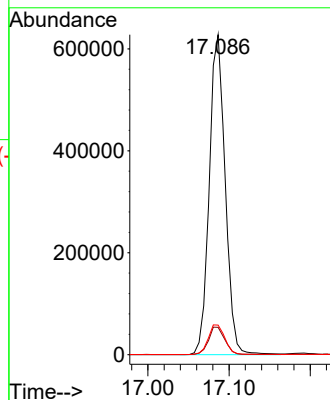
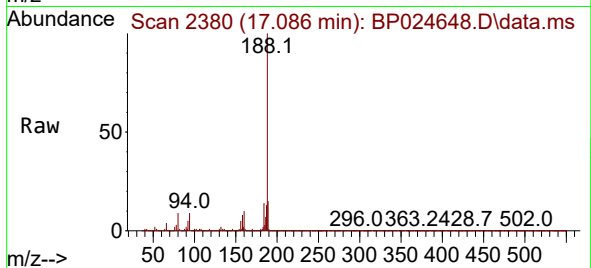
Tgt Ion:188 Resp: 854275

Ion Ratio Lower Upper

188 100

94 8.5 6.5 9.7

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024648.D

Acq: 15 May 2025 22:06

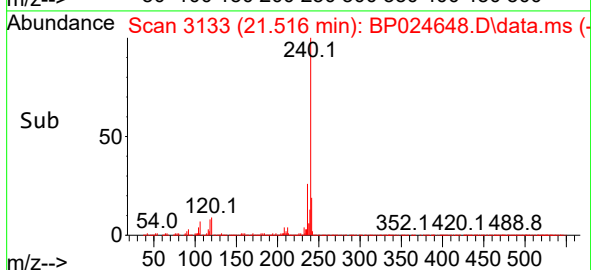
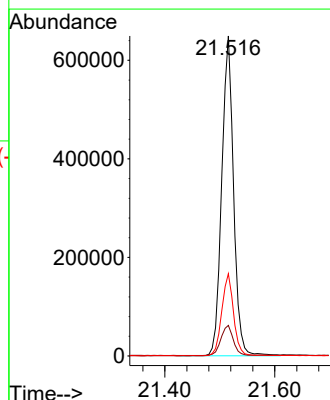
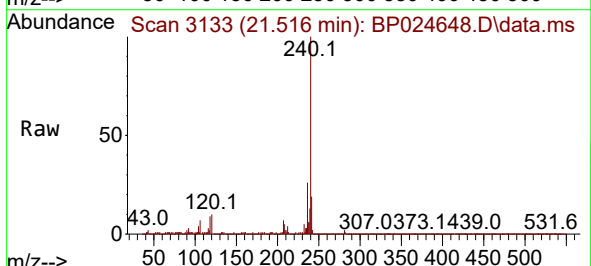
Tgt Ion:240 Resp: 968283

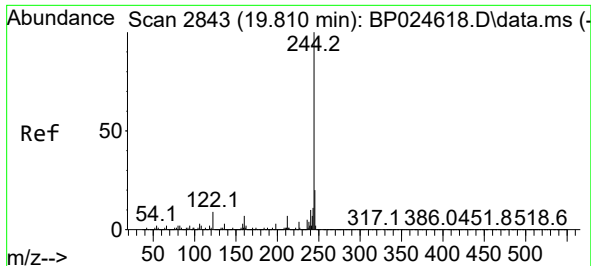
Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.6

236 25.7 20.6 31.0

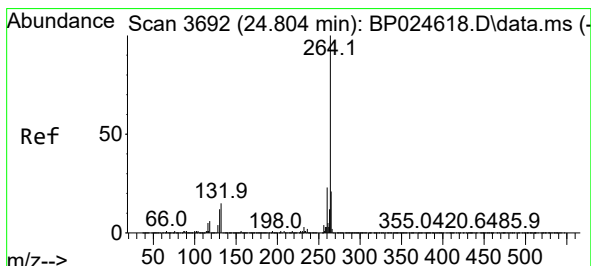
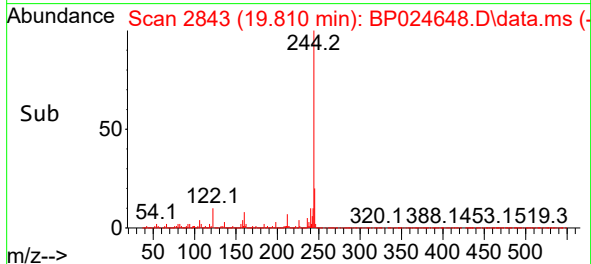
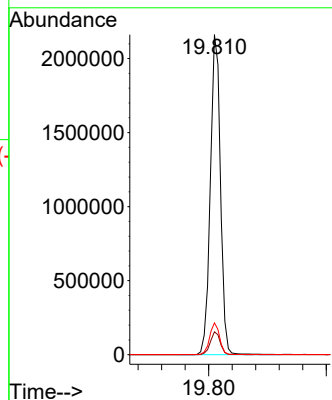
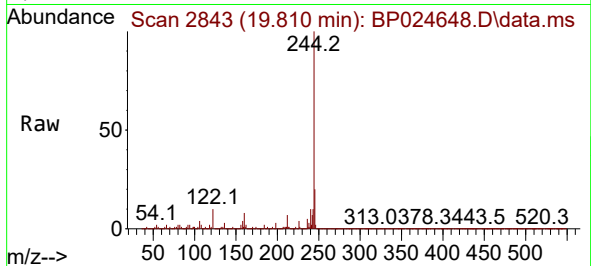




#79
 Terphenyl-d14
 Concen: 45.818 ng
 RT: 19.810 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024648.D
 Acq: 15 May 2025 22:06

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-24-050725

Tgt Ion:244 Resp: 2587308
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.0 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3691
 Delta R.T. -0.006 min
 Lab File: BP024648.D
 Acq: 15 May 2025 22:06

Tgt Ion:264 Resp: 1168790
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.1 17.0 25.6

