

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024224.D
 Acq On : 08 Apr 2025 22:33
 Operator : RC/JU
 Sample : Q1730-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-26-040325

Quant Time: Apr 09 01:03:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	380917	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1487334	20.000	ng	-0.03
39) Acenaphthene-d10	14.375	164	855561	20.000	ng	-0.03
64) Phenanthrene-d10	17.187	188	1625029	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1730314	20.000	ng	-0.02
86) Perylene-d12	25.010	264	1816084	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2635990	110.465	ng	-0.02
7) Phenol-d6	6.922	99	3344484	104.808	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1951811	74.041	ng	-0.04
42) 2,4,6-Tribromophenol	15.893	330	1216755	112.904	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	4176698	71.984	ng	-0.03
79) Terphenyl-d14	19.922	244	6178706	73.710	ng	0.00

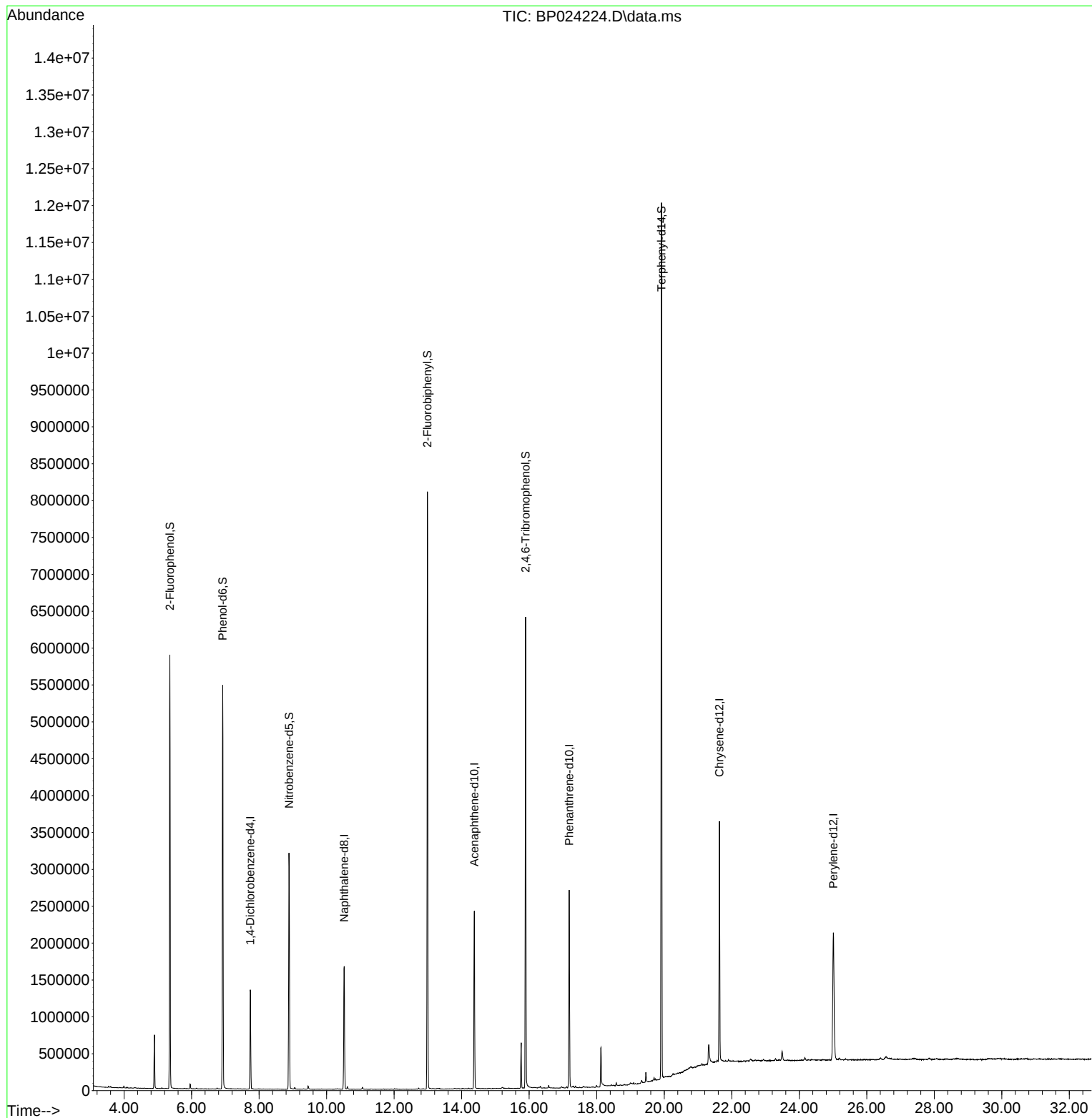
Target Compounds	Qvalue

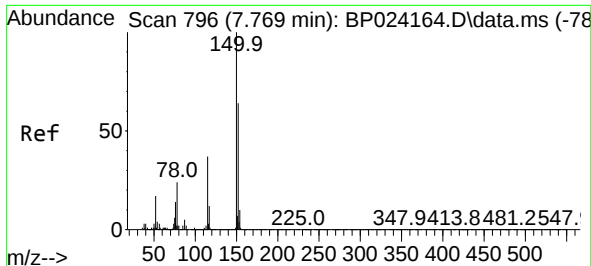
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024224.D
Acq On : 08 Apr 2025 22:33
Operator : RC/JU
Sample : Q1730-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Quant Time: Apr 09 01:03:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

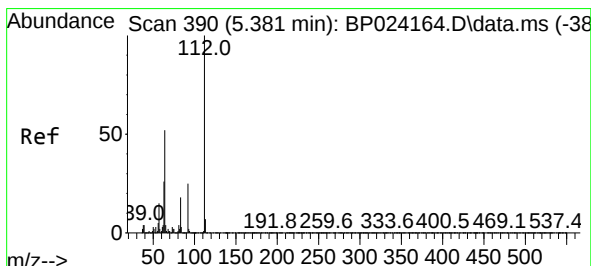
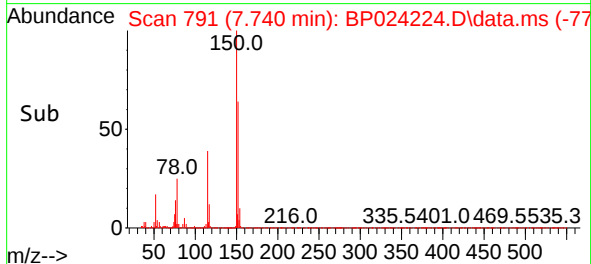
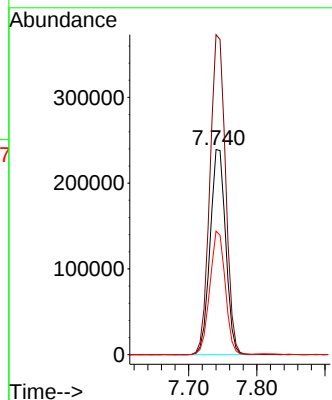
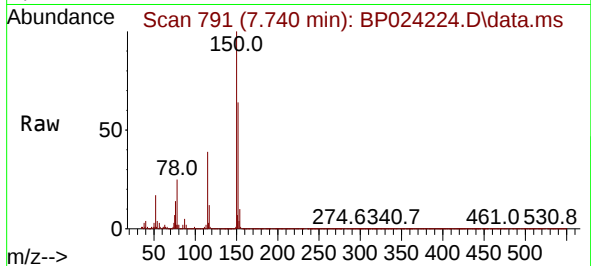




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

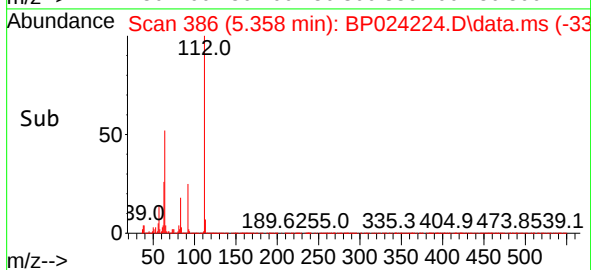
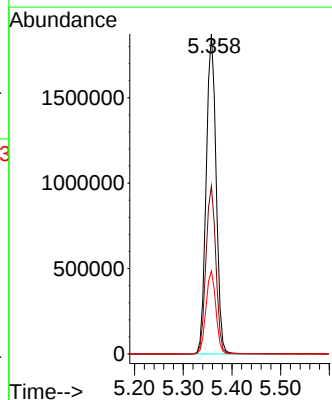
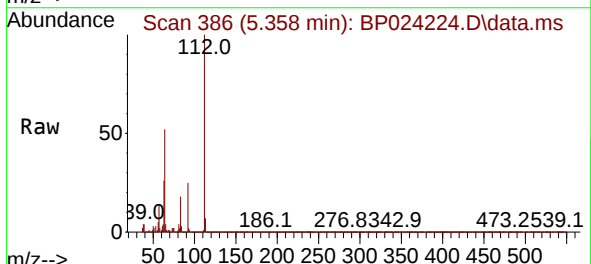
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

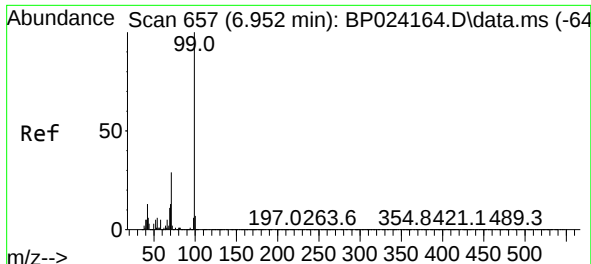
Tgt Ion:152 Resp: 380917
Ion Ratio Lower Upper
152 100
150 156.0 125.5 188.3
115 60.2 46.3 69.5



#5
2-Fluorophenol
Concen: 110.465 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.023 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion:112 Resp: 2635990
Ion Ratio Lower Upper
112 100
64 52.5 41.3 61.9
63 25.9 20.6 31.0



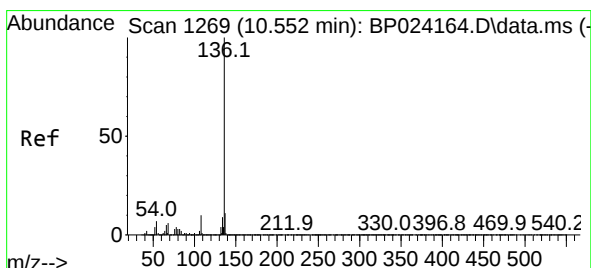
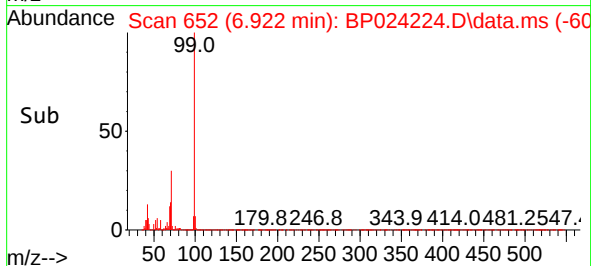
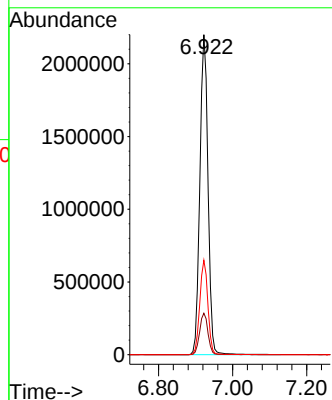
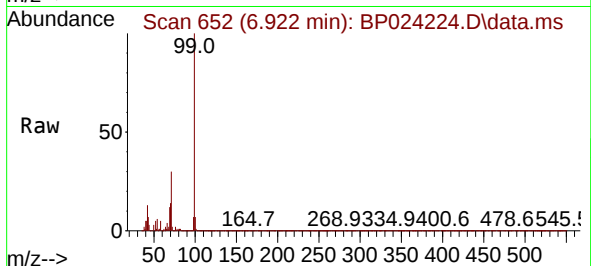


#7
Phenol-d6
Concen: 104.808 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion: 99 Resp: 3344484

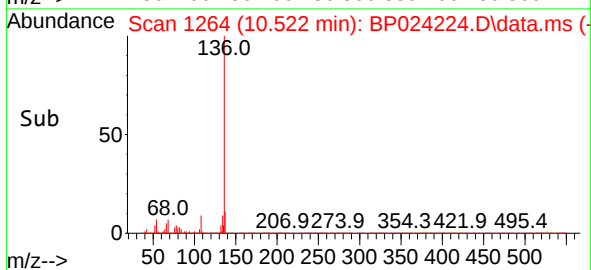
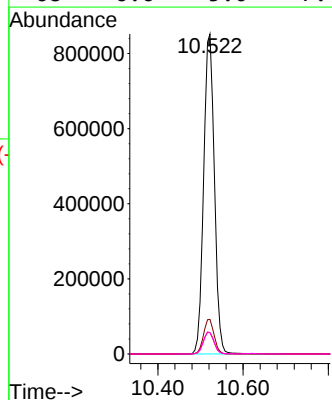
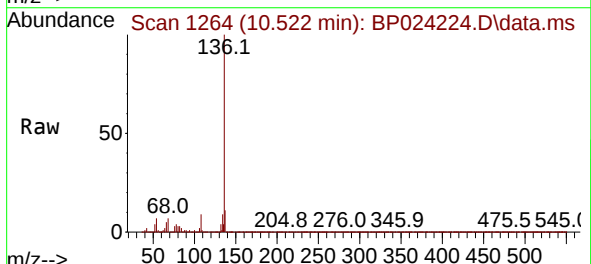
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	16.0
71	29.5	23.3	34.9

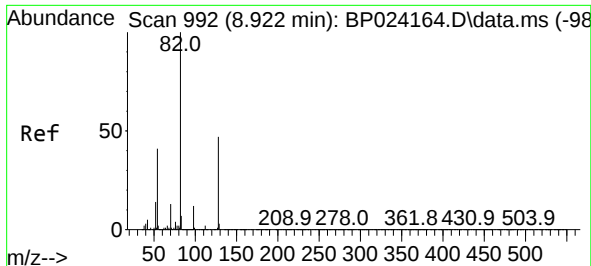


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1264
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion: 136 Resp: 1487334

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.3	7.9
68	6.6	5.0	7.4

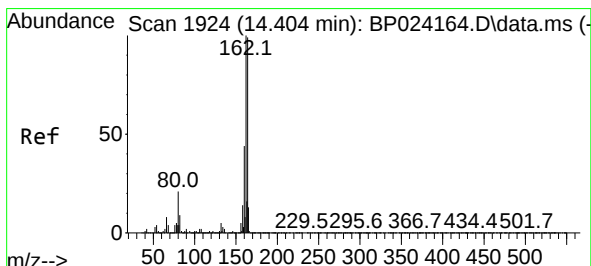
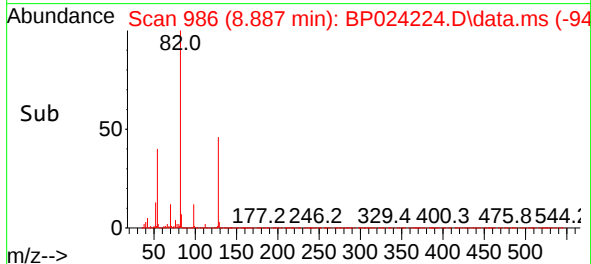
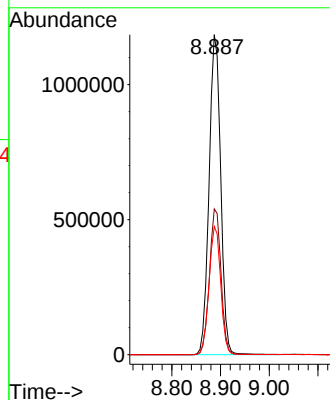
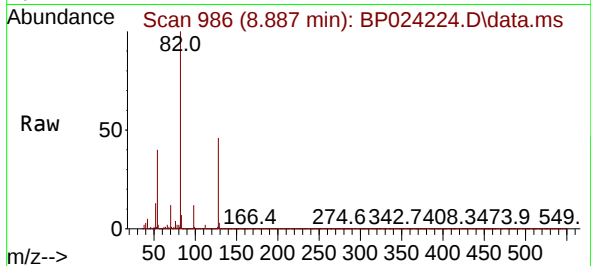




#23
Nitrobenzene-d5
Concen: 74.041 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

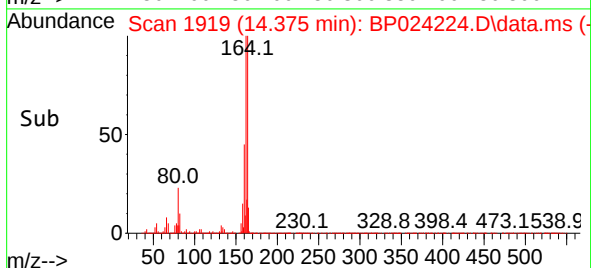
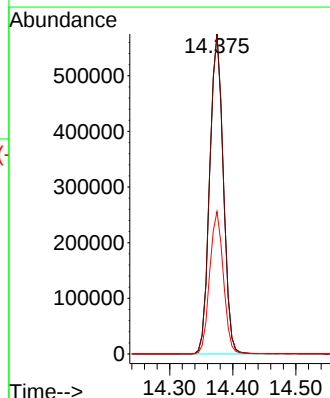
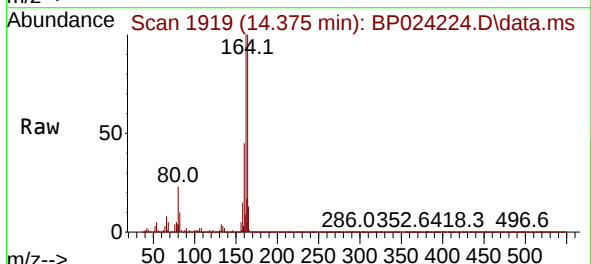
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-26-040325

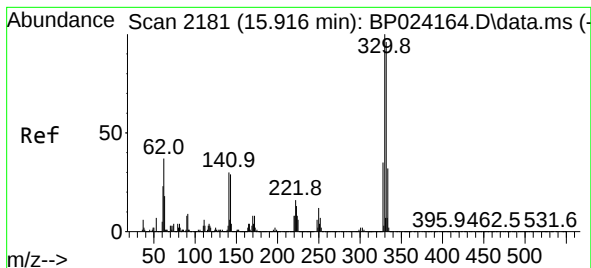
Tgt Ion: 82 Resp: 1951811
Ion Ratio Lower Upper
82 100
128 45.5 37.4 56.0
54 40.0 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.029 min
Lab File: BP024224.D
Acq: 08 Apr 2025 22:33

Tgt Ion: 164 Resp: 855561
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 112.904 ng

RT: 15.893 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-26-040325

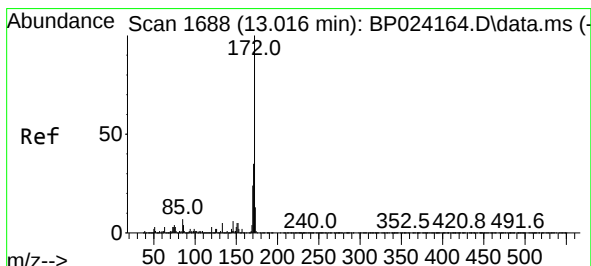
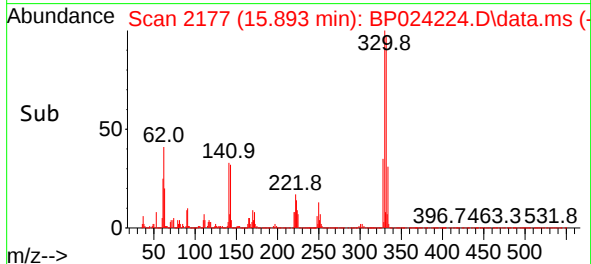
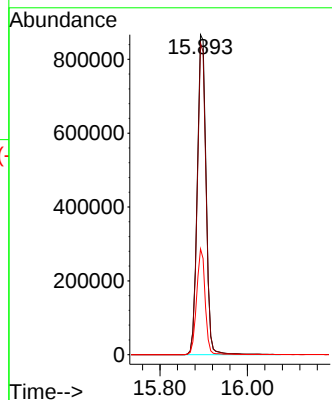
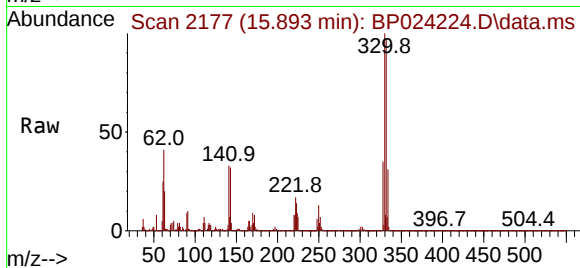
Tgt Ion:330 Resp: 1216755

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 32.1 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 71.984 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.029 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

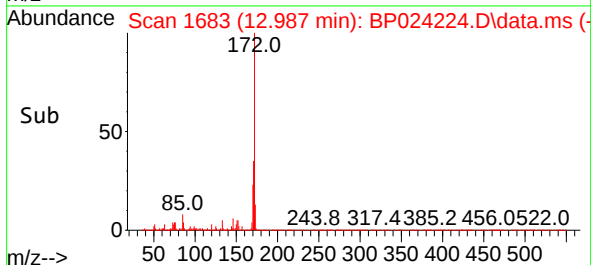
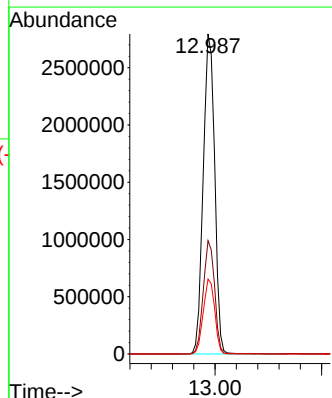
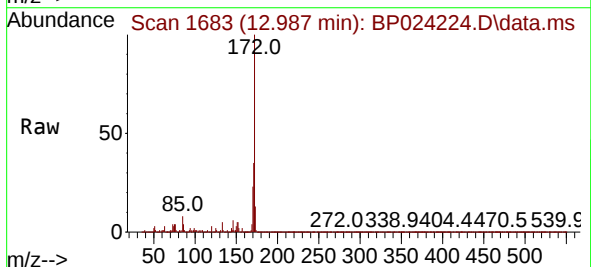
Tgt Ion:172 Resp: 4176698

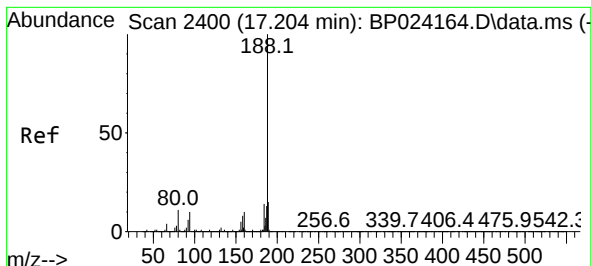
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.187 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-26-040325

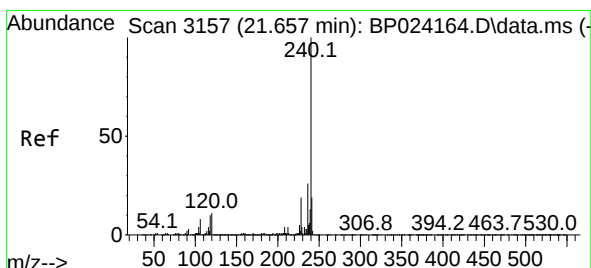
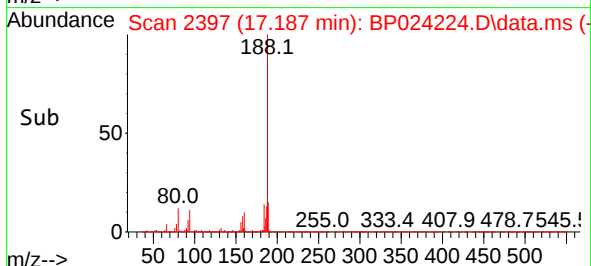
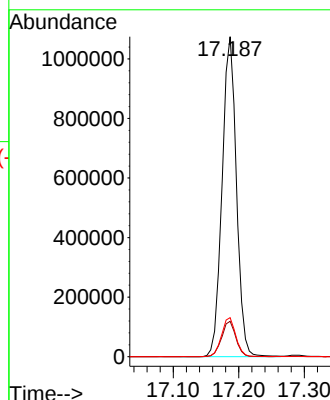
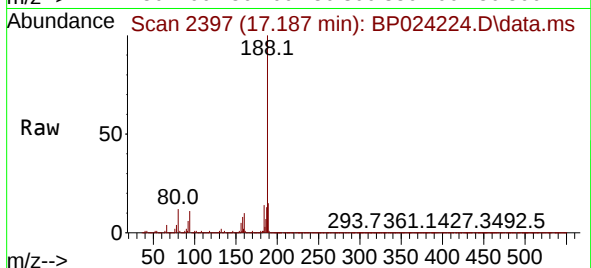
Tgt Ion:188 Resp: 1625029

Ion Ratio Lower Upper

188 100

94 11.1 8.1 12.1

80 12.2 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.023 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

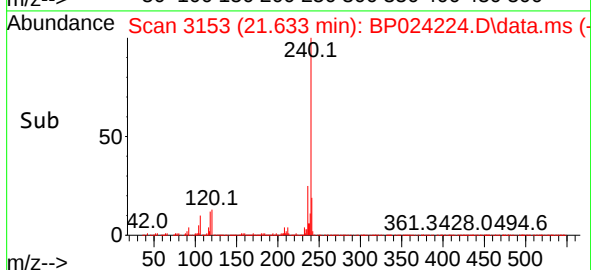
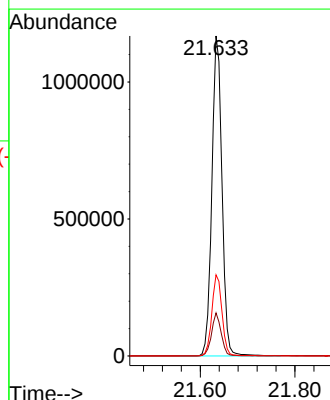
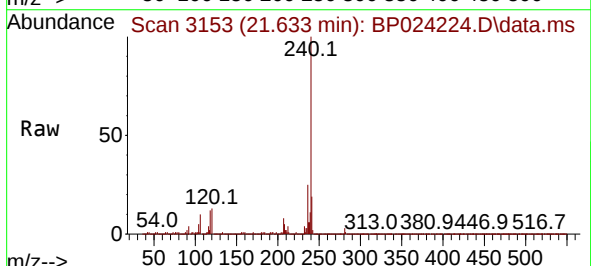
Tgt Ion:240 Resp: 1730314

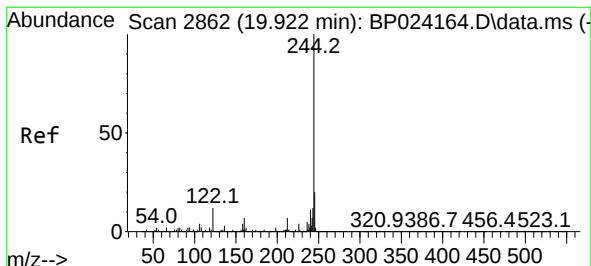
Ion Ratio Lower Upper

240 100

120 13.5 9.2 13.8

236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 73.710 ng

RT: 19.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-26-040325

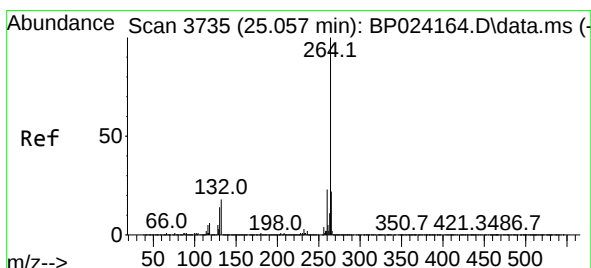
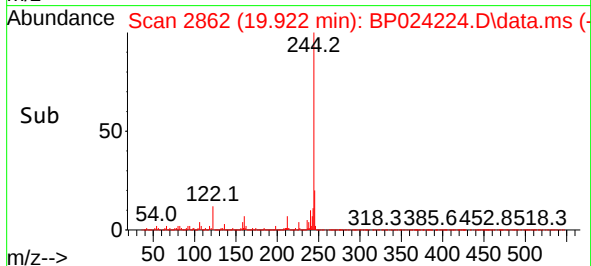
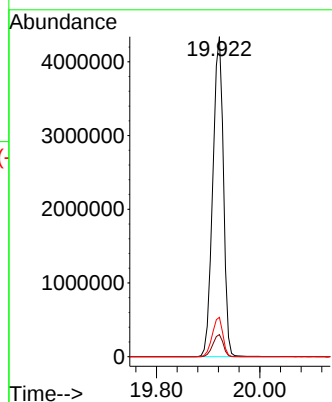
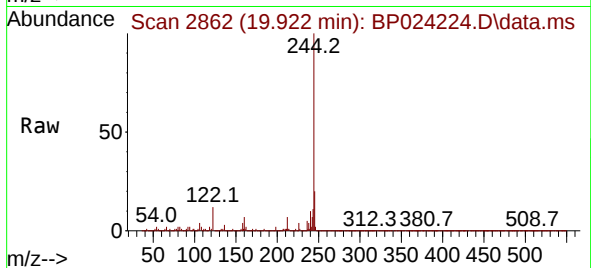
Tgt Ion:244 Resp: 6178706

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3727

Delta R.T. -0.047 min

Lab File: BP024224.D

Acq: 08 Apr 2025 22:33

Tgt Ion:264 Resp: 1816084

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.2 17.7 26.5

