

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024823.D
 Acq On : 28 May 2025 20:13
 Operator : RC/JU
 Sample : Q2130-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: May 29 02:25:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	104201	20.000	ng	0.00
21) Naphthalene-d8	10.410	136	452080	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	326071	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	683439	20.000	ng	0.01
76) Chrysene-d12	21.498	240	792060	20.000	ng	0.00
86) Perylene-d12	24.774	264	971006	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	381141	62.561	ng	0.00
7) Phenol-d6	6.846	99	489585	62.965	ng	0.00
23) Nitrobenzene-d5	8.799	82	286359	32.005	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	403924	73.071	ng	0.01
45) 2-Fluorobiphenyl	12.881	172	717968	28.847	ng	0.00
79) Terphenyl-d14	19.798	244	1606873	34.786	ng	0.01

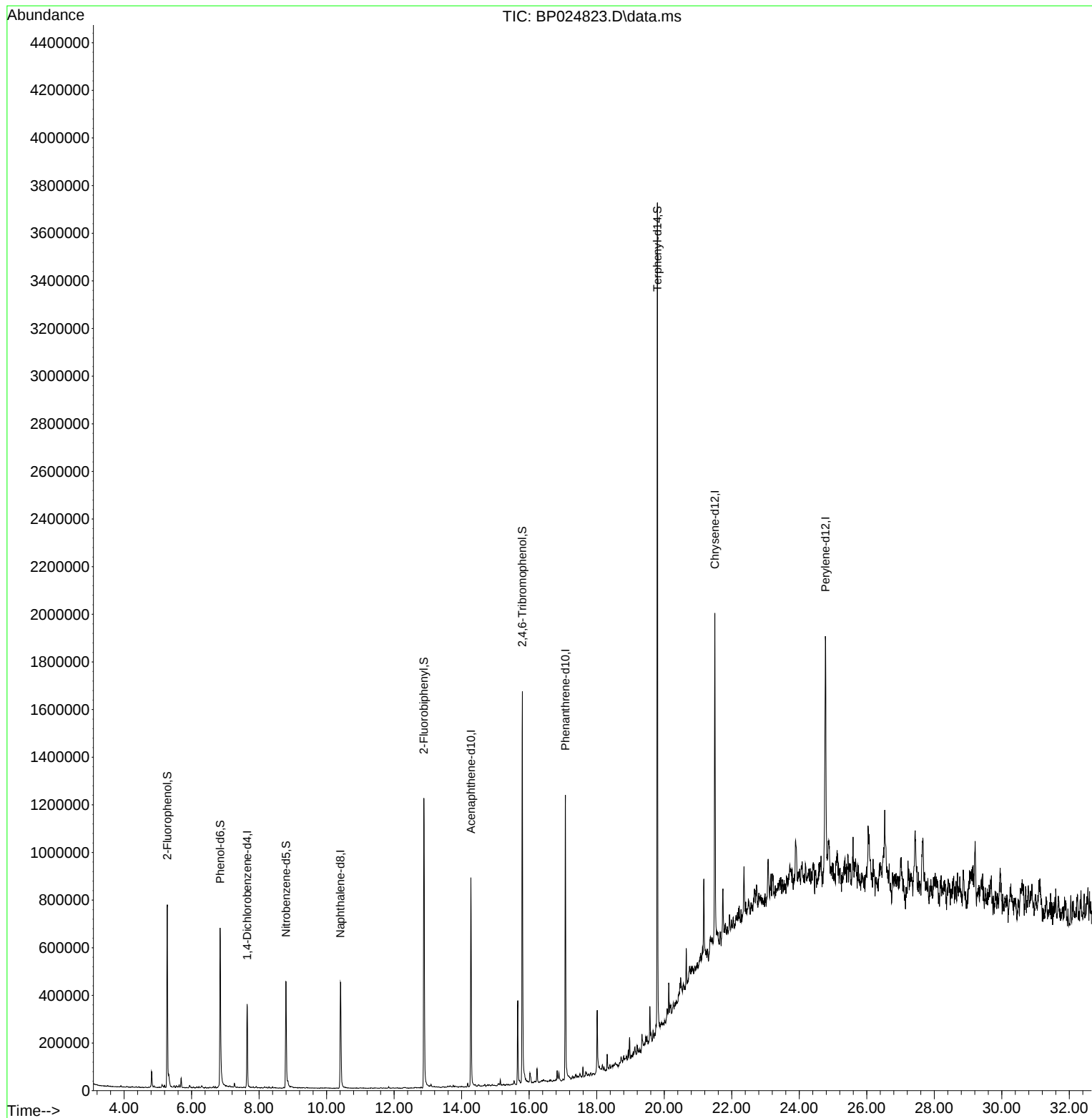
Target Compounds	Qvalue

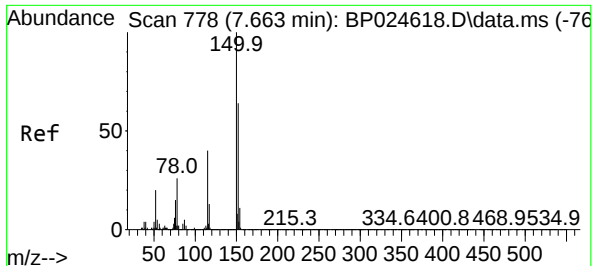
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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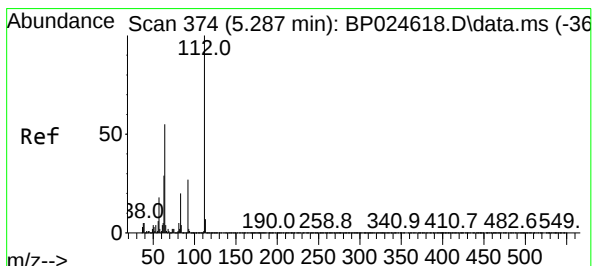
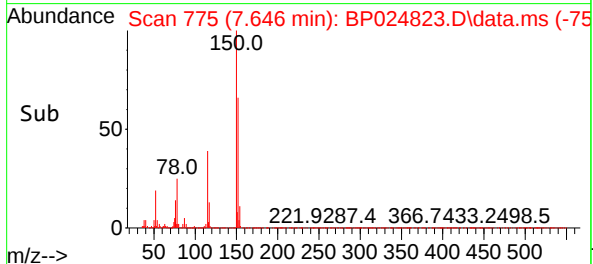
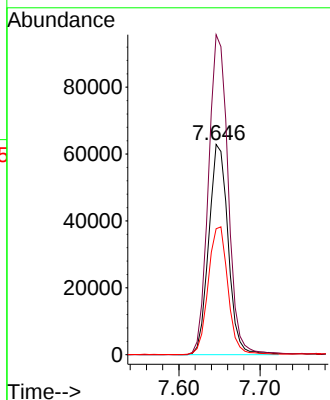
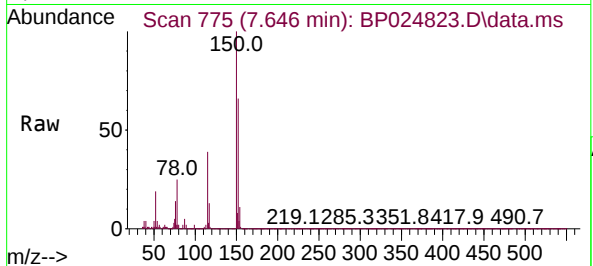




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024823.D
Acq: 28 May 2025 20:13

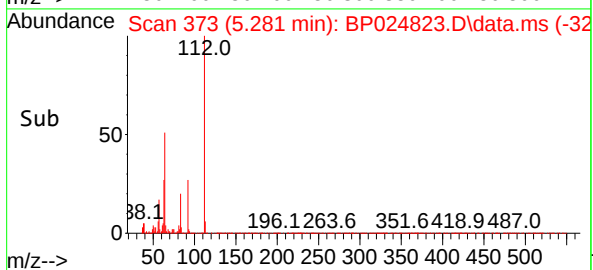
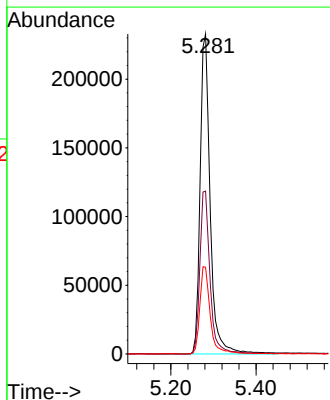
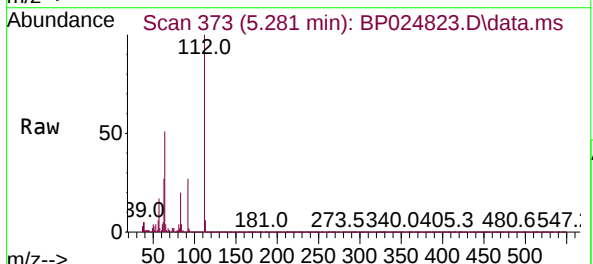
Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 104201
Ion Ratio Lower Upper
152 100
150 152.2 125.9 188.9
115 59.9 50.1 75.1



#5
2-Fluorophenol
Concen: 62.561 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024823.D
Acq: 28 May 2025 20:13

Tgt Ion:112 Resp: 381141
Ion Ratio Lower Upper
112 100
64 50.9 44.1 66.1
63 27.1 23.5 35.3

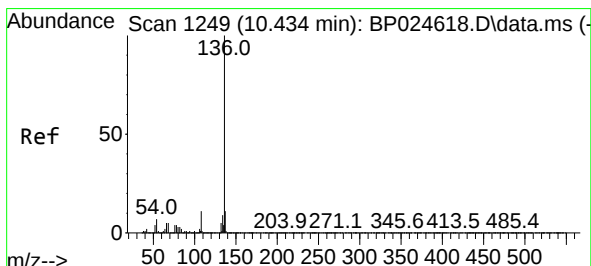
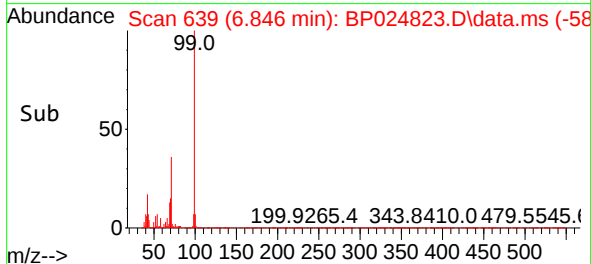
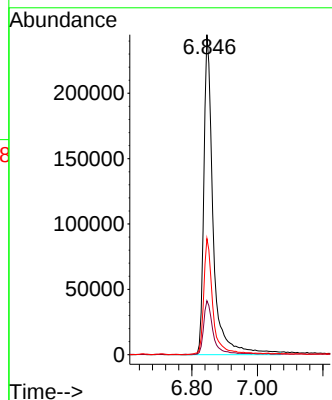
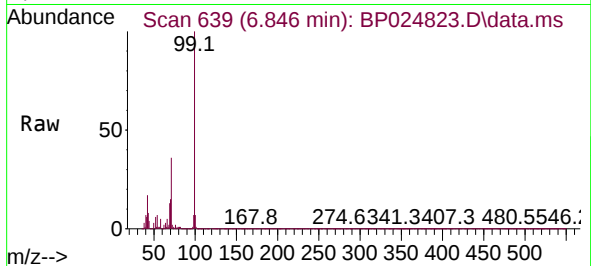




#7
Phenol-d6
Concen: 62.965 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024823.D
Acq: 28 May 2025 20:13

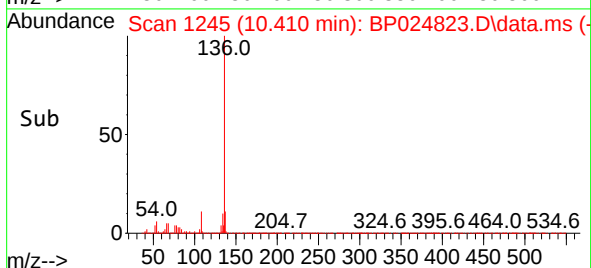
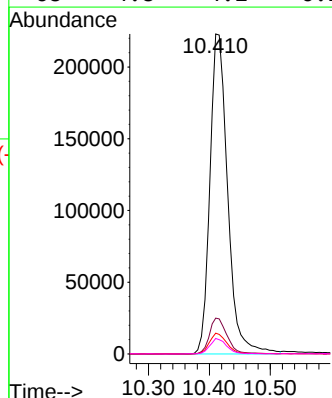
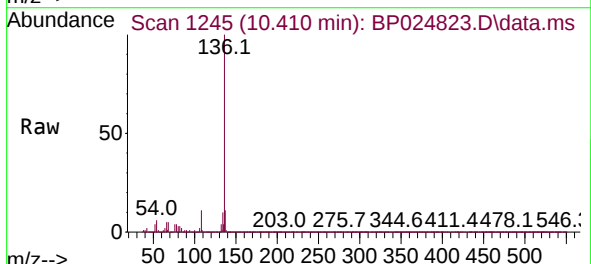
Instrument :
BNA_P
ClientSampleId :
TP-3

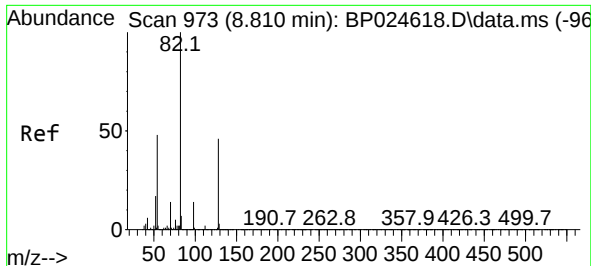
Tgt Ion: 99 Resp: 489585
Ion Ratio Lower Upper
99 100
42 16.8 14.4 21.6
71 36.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BP024823.D
Acq: 28 May 2025 20:13

Tgt Ion: 136 Resp: 452080
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.5 8.3
68 4.8 4.2 6.2

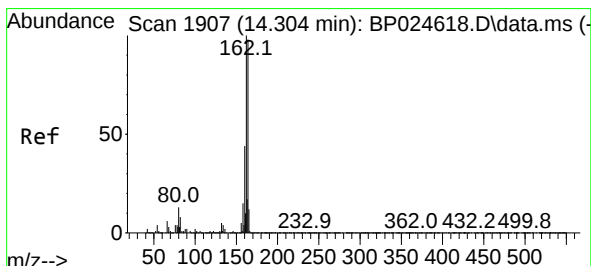
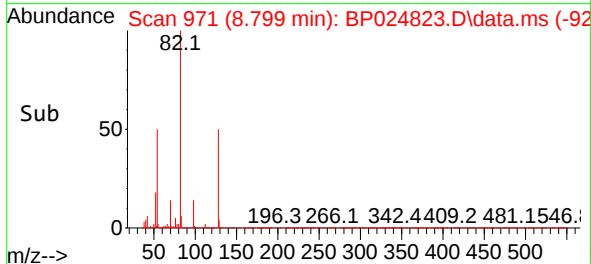
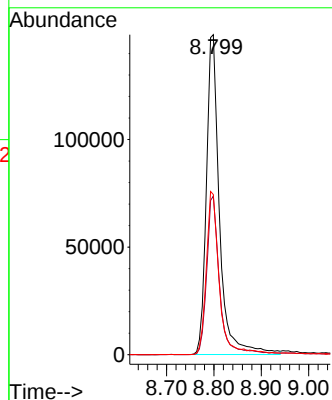
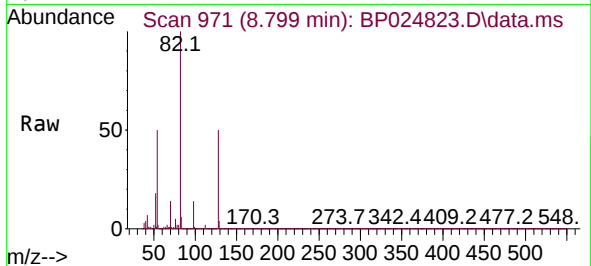




#23
Nitrobenzene-d5
Concen: 32.005 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024823.D
Acq: 28 May 2025 20:13

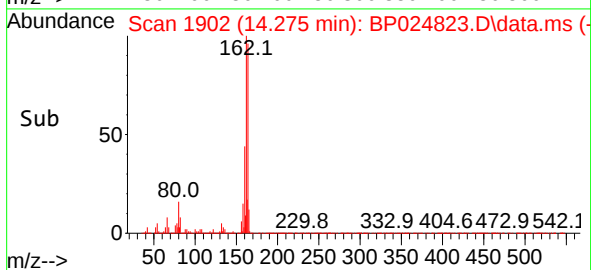
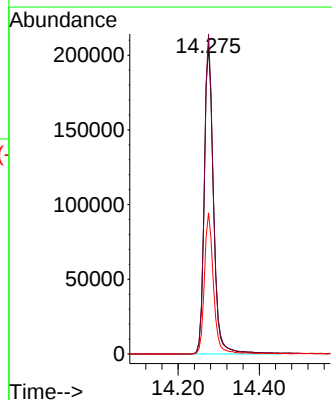
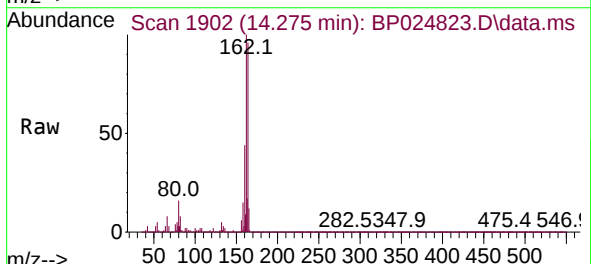
Instrument :
BNA_P
ClientSampleId :
TP-3

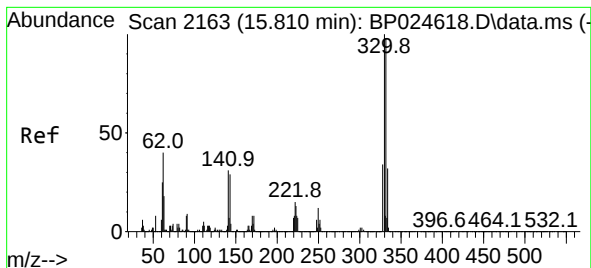
Tgt Ion: 82 Resp: 286359
Ion Ratio Lower Upper
82 100
128 49.5 37.0 55.4
54 50.1 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP024823.D
Acq: 28 May 2025 20:13

Tgt Ion:164 Resp: 326071
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 45.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 73.071 ng

RT: 15.798 min Scan# 2163

Delta R.T. 0.012 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

Instrument :

BNA_P

ClientSampleId :

TP-3

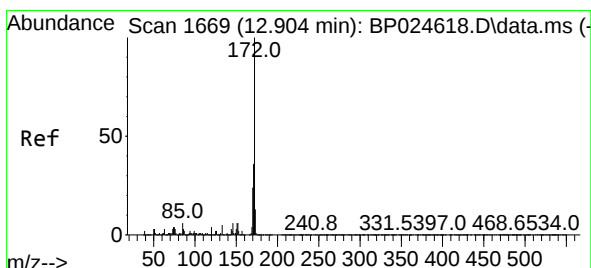
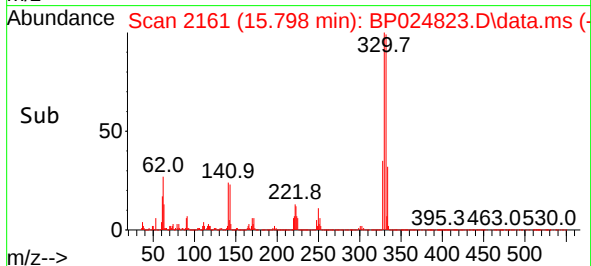
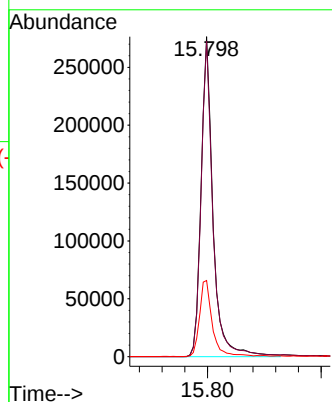
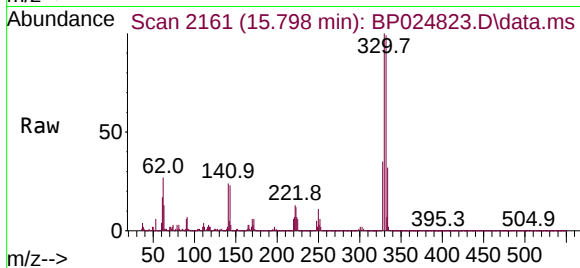
Tgt Ion:330 Resp: 403924

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

141 25.4 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 28.847 ng

RT: 12.881 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

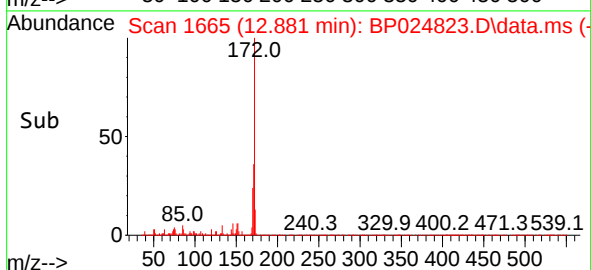
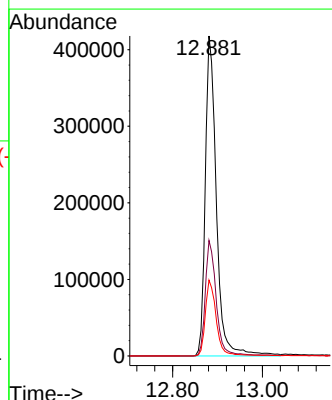
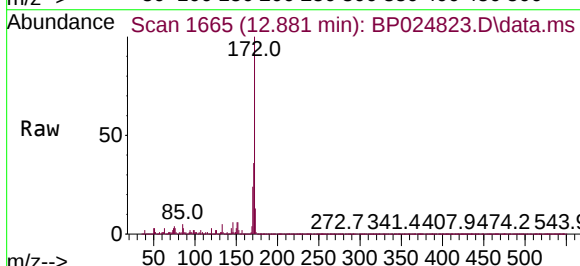
Tgt Ion:172 Resp: 717968

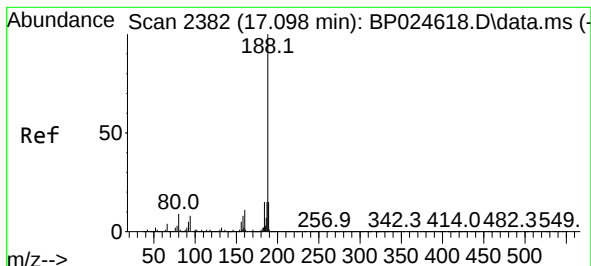
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.075 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

Instrument :

BNA_P

ClientSampleId :

TP-3

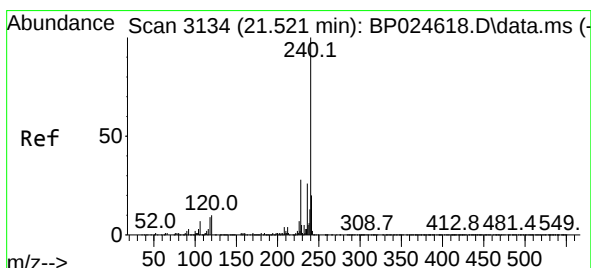
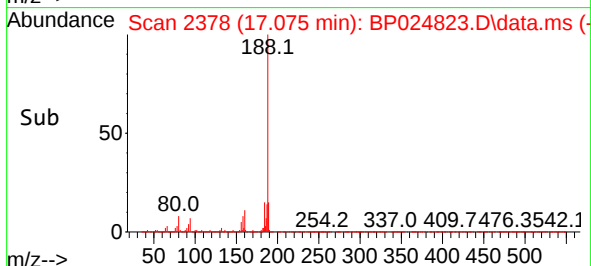
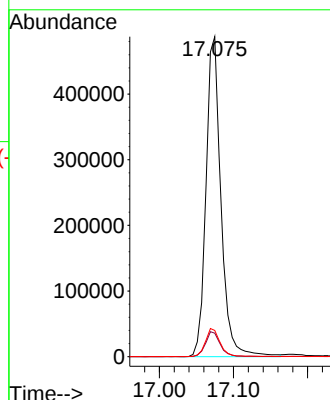
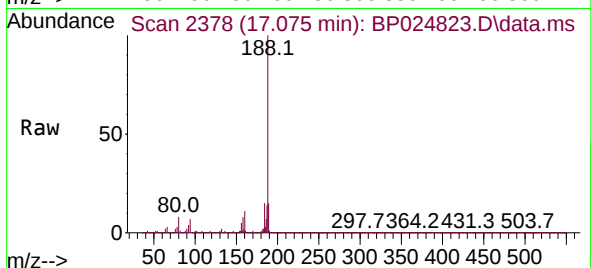
Tgt Ion:188 Resp: 683439

Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 8.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

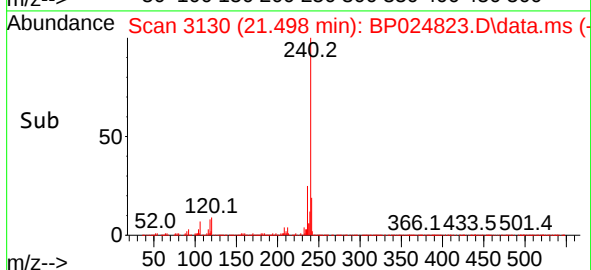
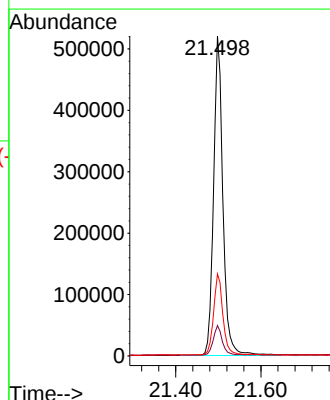
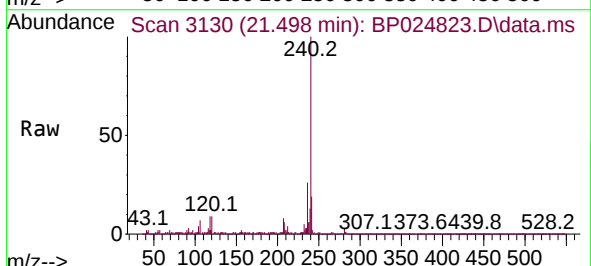
Tgt Ion:240 Resp: 792060

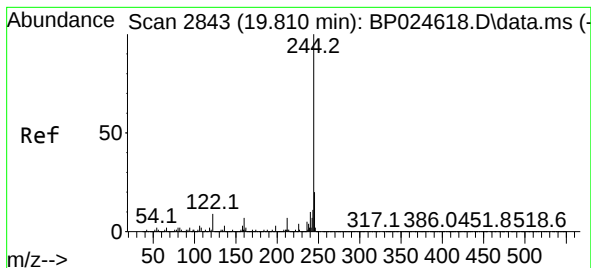
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 34.786 ng

RT: 19.798 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

Instrument :

BNA_P

ClientSampleId :

TP-3

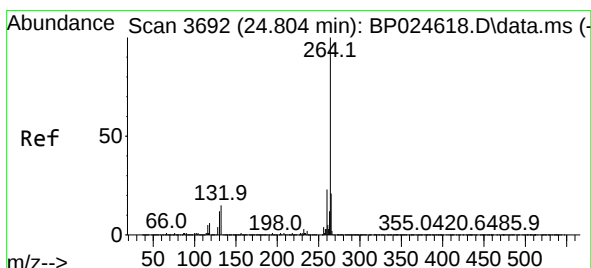
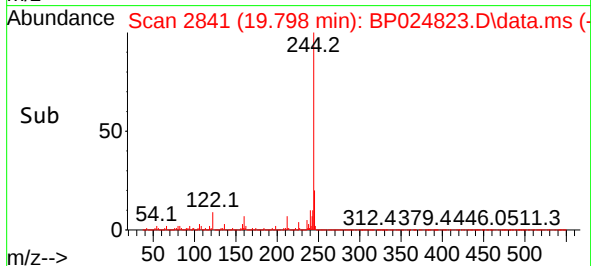
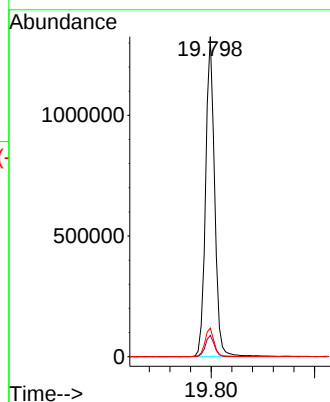
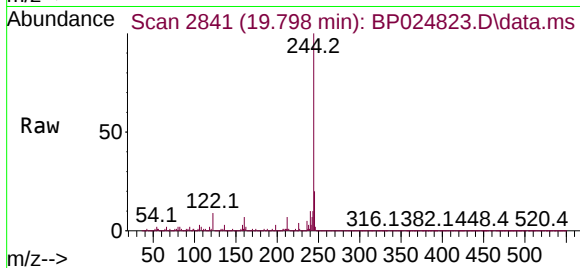
Tgt Ion:244 Resp: 1606873

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.9 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.774 min Scan# 3687

Delta R.T. 0.030 min

Lab File: BP024823.D

Acq: 28 May 2025 20:13

Tgt Ion:264 Resp: 971006

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 23.5 17.0 25.6

