

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024733.D
 Acq On : 21 May 2025 09:35
 Operator : RC/JU
 Sample : Q2080-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-HRH-COMP-01

Quant Time: May 21 12:13:56 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	7.652	152	113681	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	439252	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	268830	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	558189	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	637021	20.000	ng	-0.01
86) Perylene-d12	24.786	264	721461	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	759195	114.223	ng	0.00
7) Phenol-d6	6.858	99	800462	94.362	ng	0.00
23) Nitrobenzene-d5	8.805	82	611854	70.381	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	703224	154.302	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1567709	76.401	ng	-0.01
79) Terphenyl-d14	19.804	244	3171295	85.363	ng	0.00

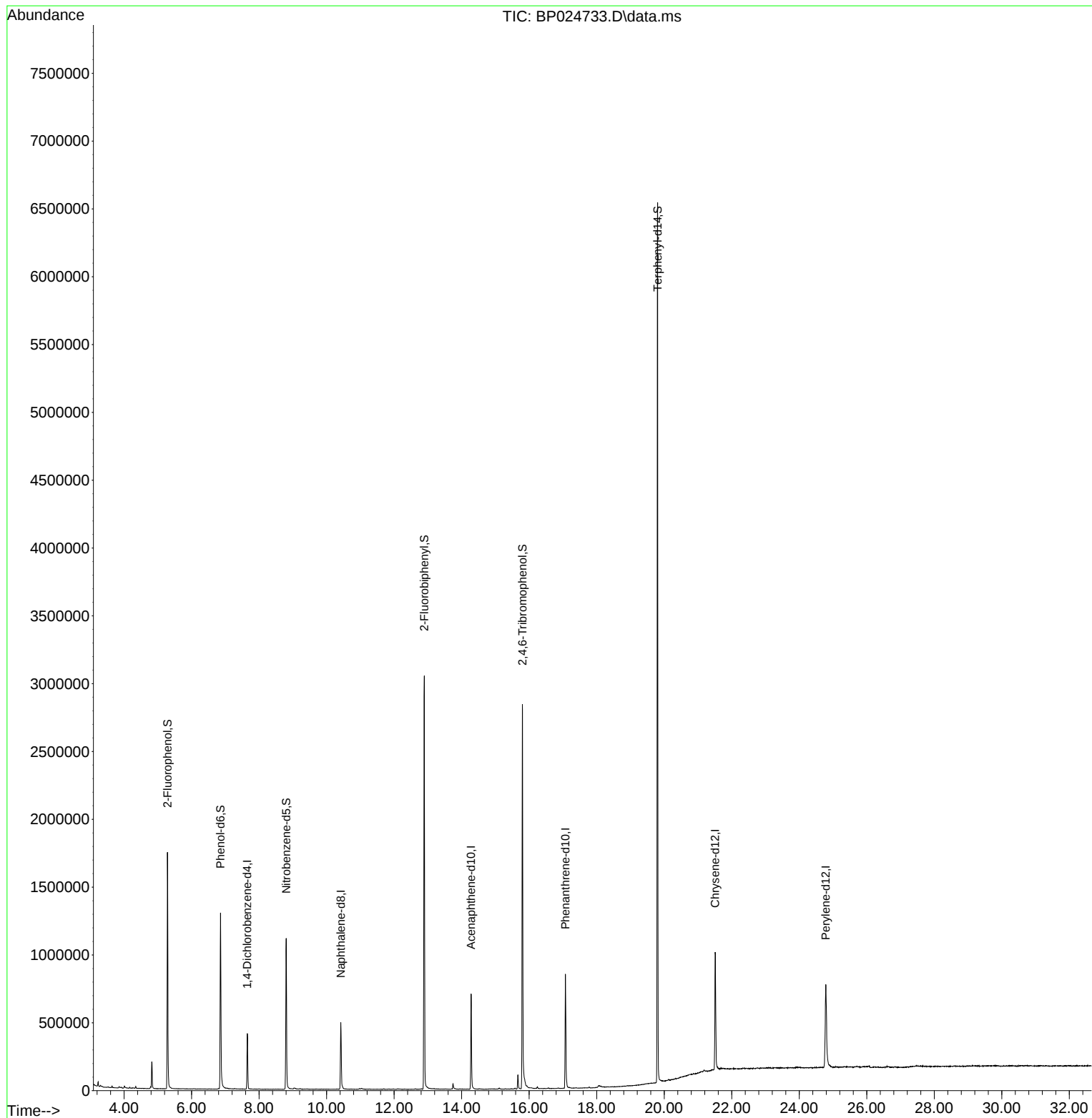
Target Compounds	Qvalue

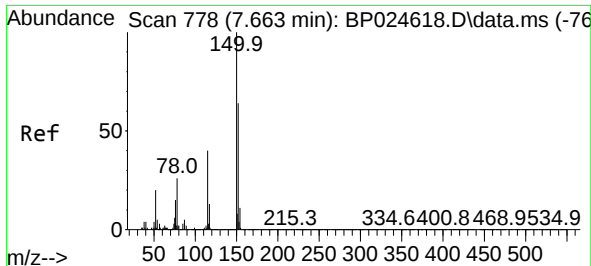
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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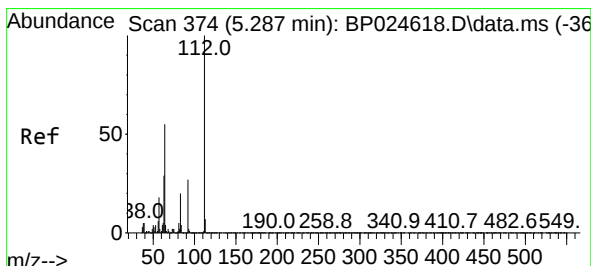
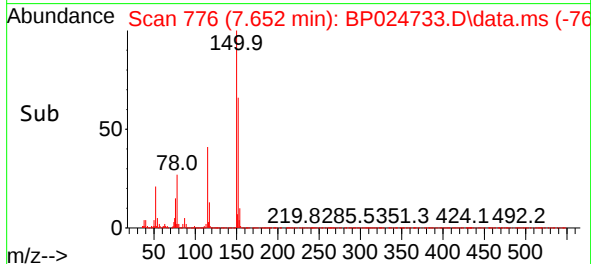
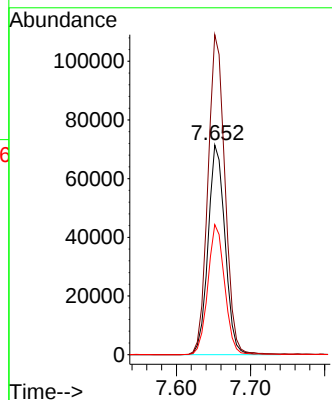
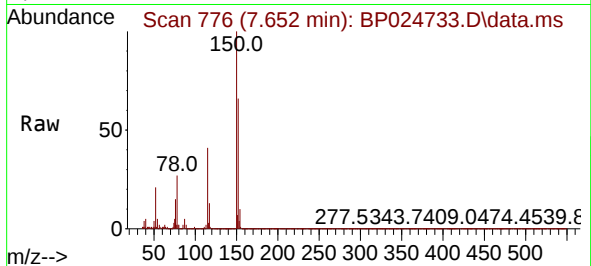




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

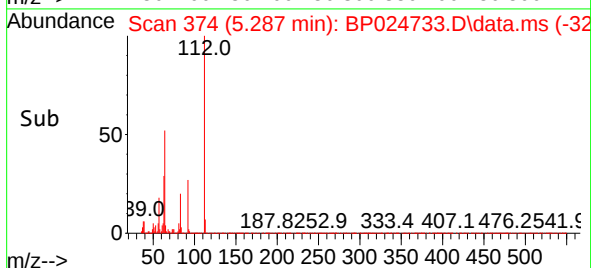
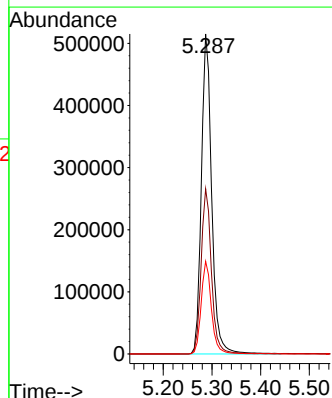
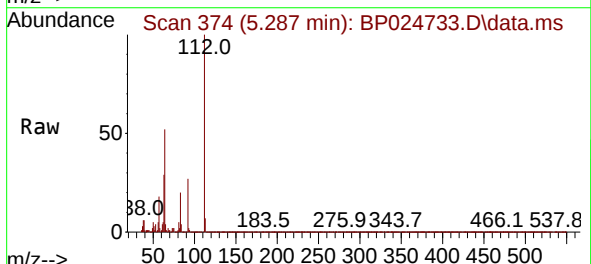
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

Tgt Ion:152 Resp: 113681
Ion Ratio Lower Upper
152 100
150 152.5 125.9 188.9
115 62.0 50.1 75.1



#5
2-Fluorophenol
Concen: 114.223 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion:112 Resp: 759195
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 29.0 23.5 35.3

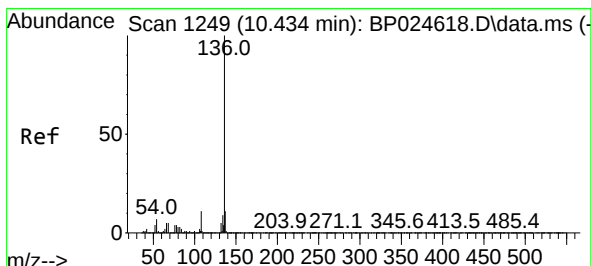
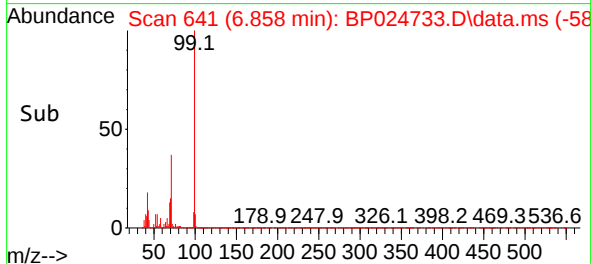
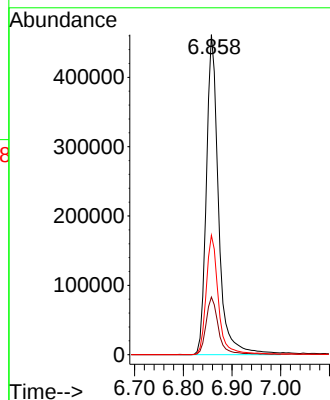
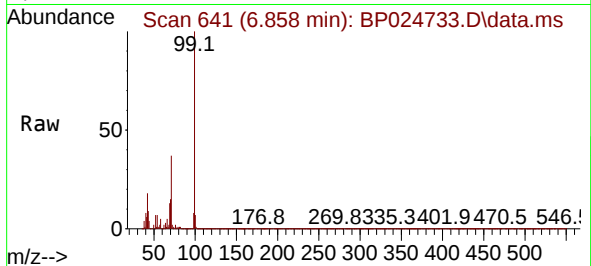




#7
Phenol-d6
Concen: 94.362 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

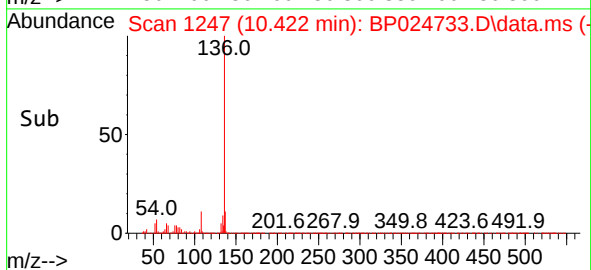
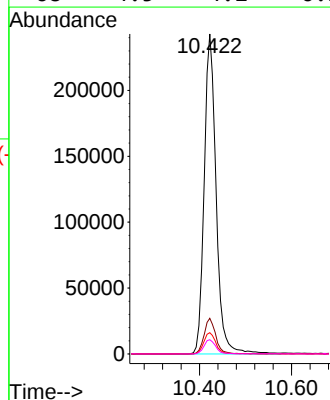
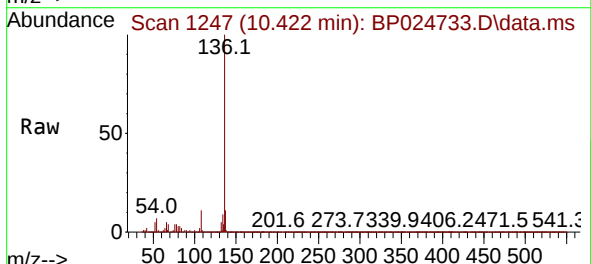
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

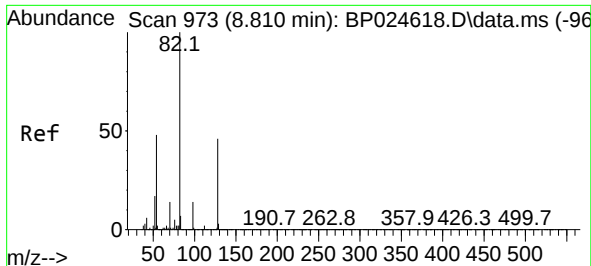
Tgt Ion: 99 Resp: 800462
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 37.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion: 136 Resp: 439252
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.5 8.3
68 4.5 4.2 6.2

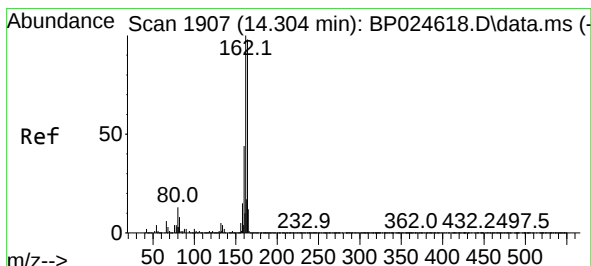
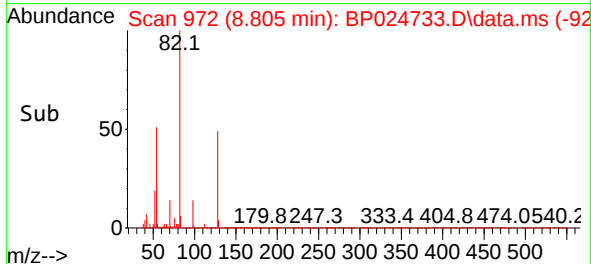
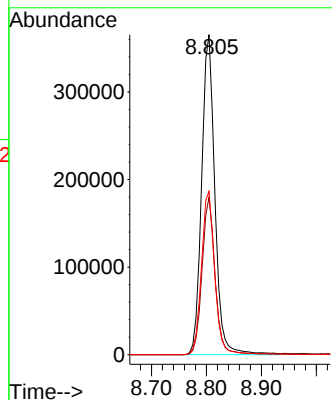
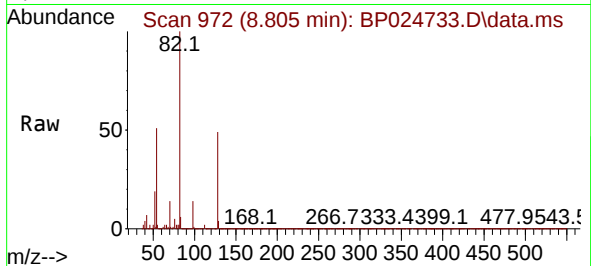




#23
Nitrobenzene-d5
Concen: 70.381 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

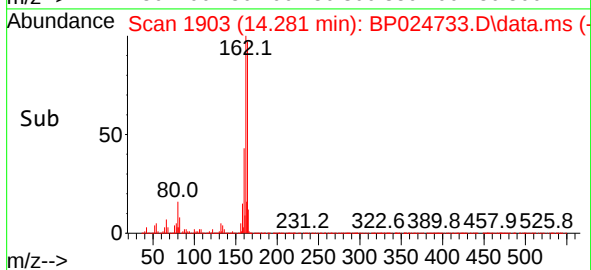
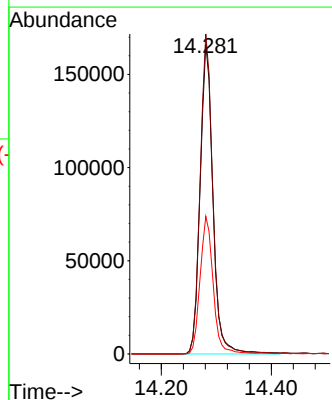
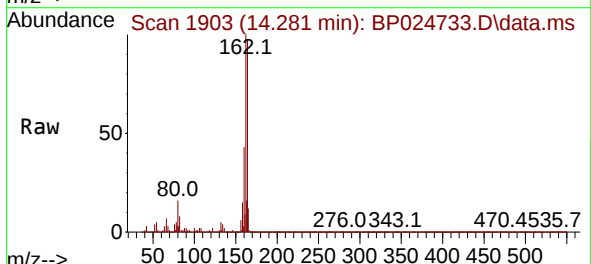
Instrument :
BNA_P
ClientSampleId :
PL-HRH-COMP-01

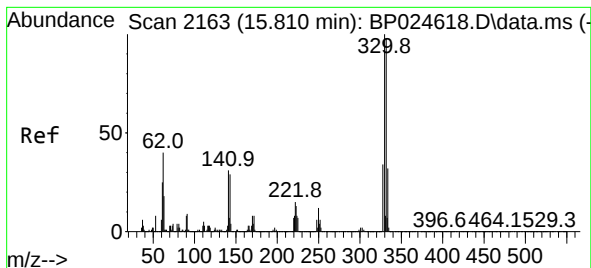
Tgt Ion: 82 Resp: 611854
Ion Ratio Lower Upper
82 100
128 49.2 37.0 55.4
54 51.1 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024733.D
Acq: 21 May 2025 09:35

Tgt Ion:164 Resp: 268830
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 44.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 154.302 ng

RT: 15.804 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP024733.D

Acq: 21 May 2025 09:35

Instrument :

BNA_P

ClientSampleId :

PL-HRH-COMP-01

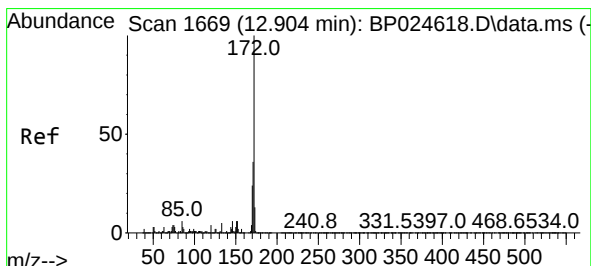
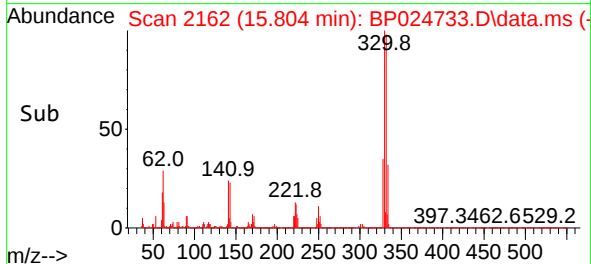
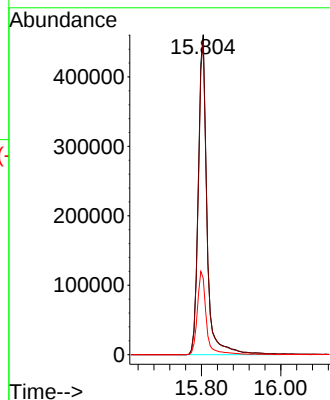
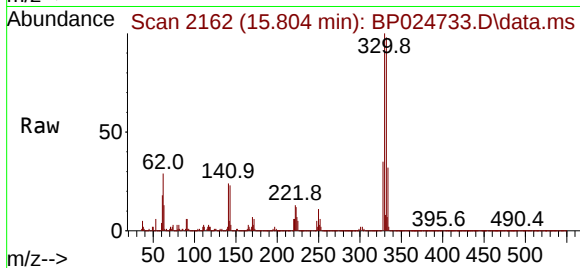
Tgt Ion:330 Resp: 703224

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

141 27.0 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 76.401 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024733.D

Acq: 21 May 2025 09:35

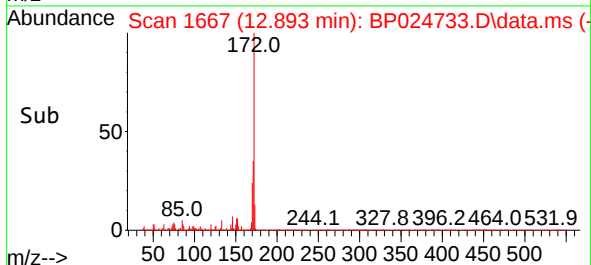
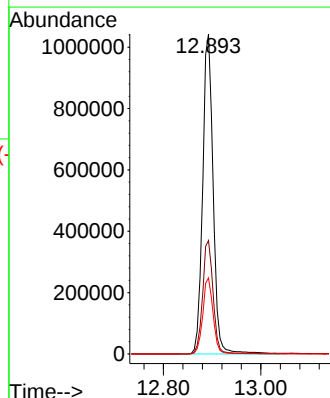
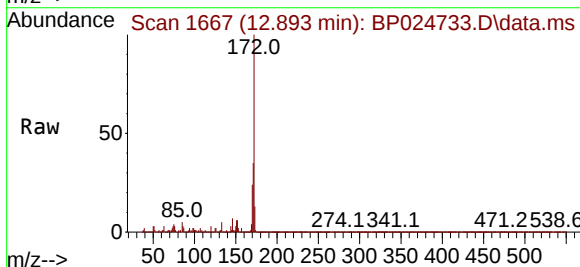
Tgt Ion:172 Resp: 1567709

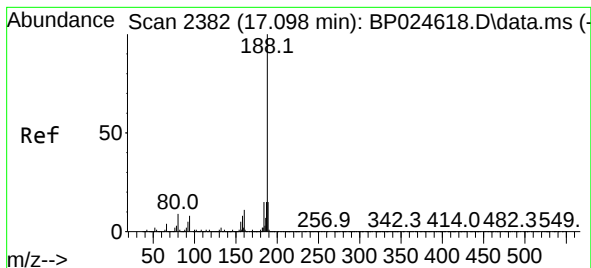
Ion Ratio Lower Upper

172 100

171 35.5 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. -0.023 min

Lab File: BP024733.D

Acq: 21 May 2025 09:35

Instrument :

BNA_P

ClientSampleId :

PL-HRH-COMP-01

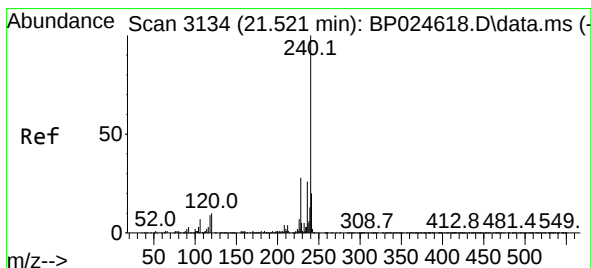
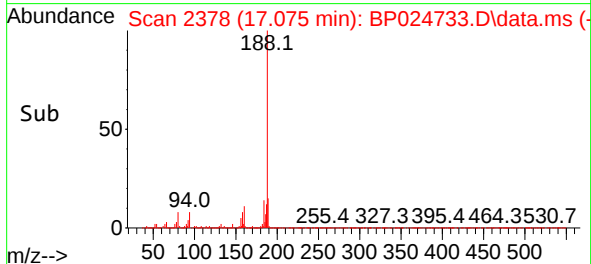
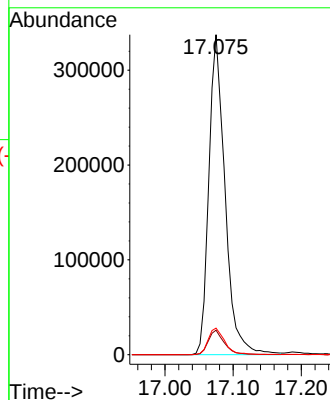
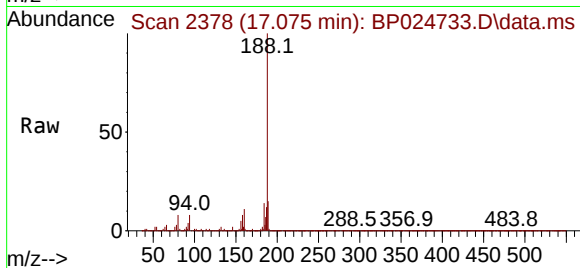
Tgt Ion:188 Resp: 558189

Ion Ratio Lower Upper

188 100

94 7.6 6.5 9.7

80 8.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024733.D

Acq: 21 May 2025 09:35

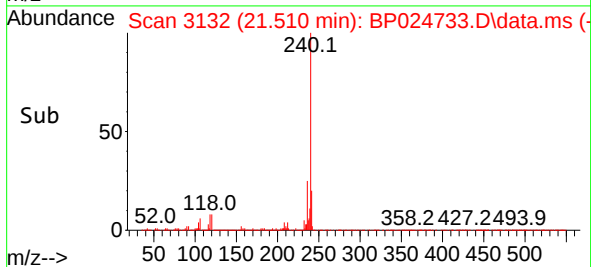
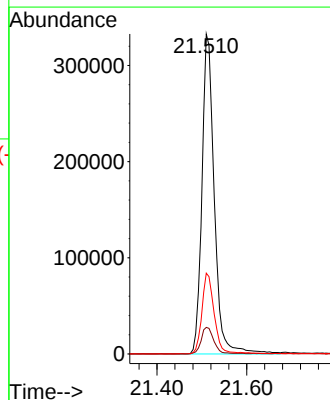
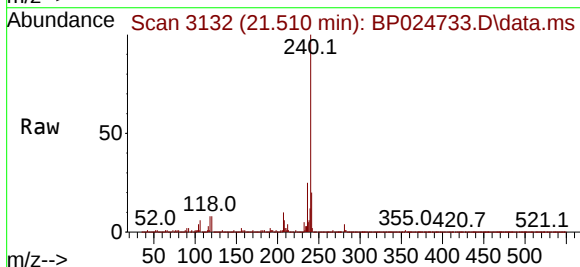
Tgt Ion:240 Resp: 637021

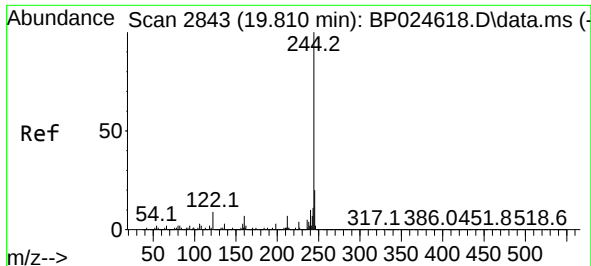
Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 25.3 20.6 31.0

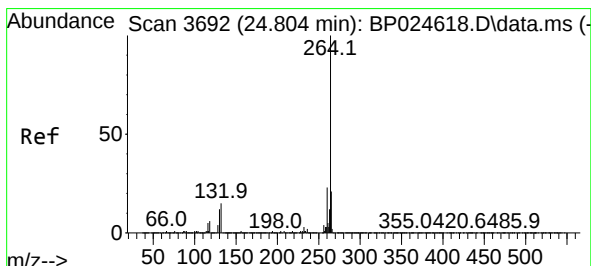
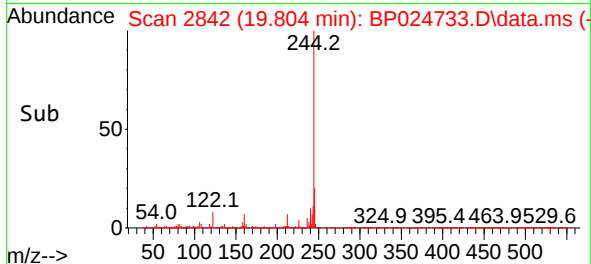
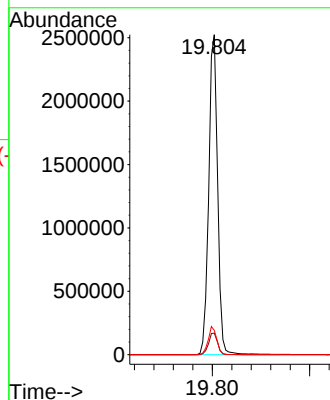
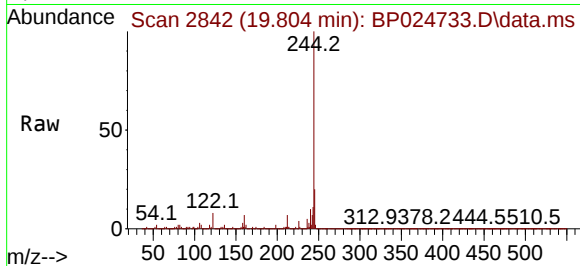




#79
 Terphenyl-d14
 Concen: 85.363 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024733.D
 Acq: 21 May 2025 09:35

Instrument :
 BNA_P
 ClientSampleId :
 PL-HRH-COMP-01

Tgt Ion:244 Resp: 3171295
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 7.6 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.786 min Scan# 3689
 Delta R.T. -0.018 min
 Lab File: BP024733.D
 Acq: 21 May 2025 09:35

Tgt Ion:264 Resp: 721461
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.4 17.0 25.6

