

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024747.D
 Acq On : 21 May 2025 21:38
 Operator : RC/JU
 Sample : Q2075-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-05152025

Quant Time: May 22 03:04:51 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	62937	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	227304	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	151908	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	322675	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	405238	20.000	ng	0.00
86) Perylene-d12	24.821	264	487499	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	194969	52.985	ng	0.00
7) Phenol-d6	6.863	99	136508	29.067	ng	0.01
23) Nitrobenzene-d5	8.804	82	281886	62.659	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	356280	138.346	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	766655	66.120	ng	-0.01
79) Terphenyl-d14	19.810	244	2080475	88.032	ng	0.00

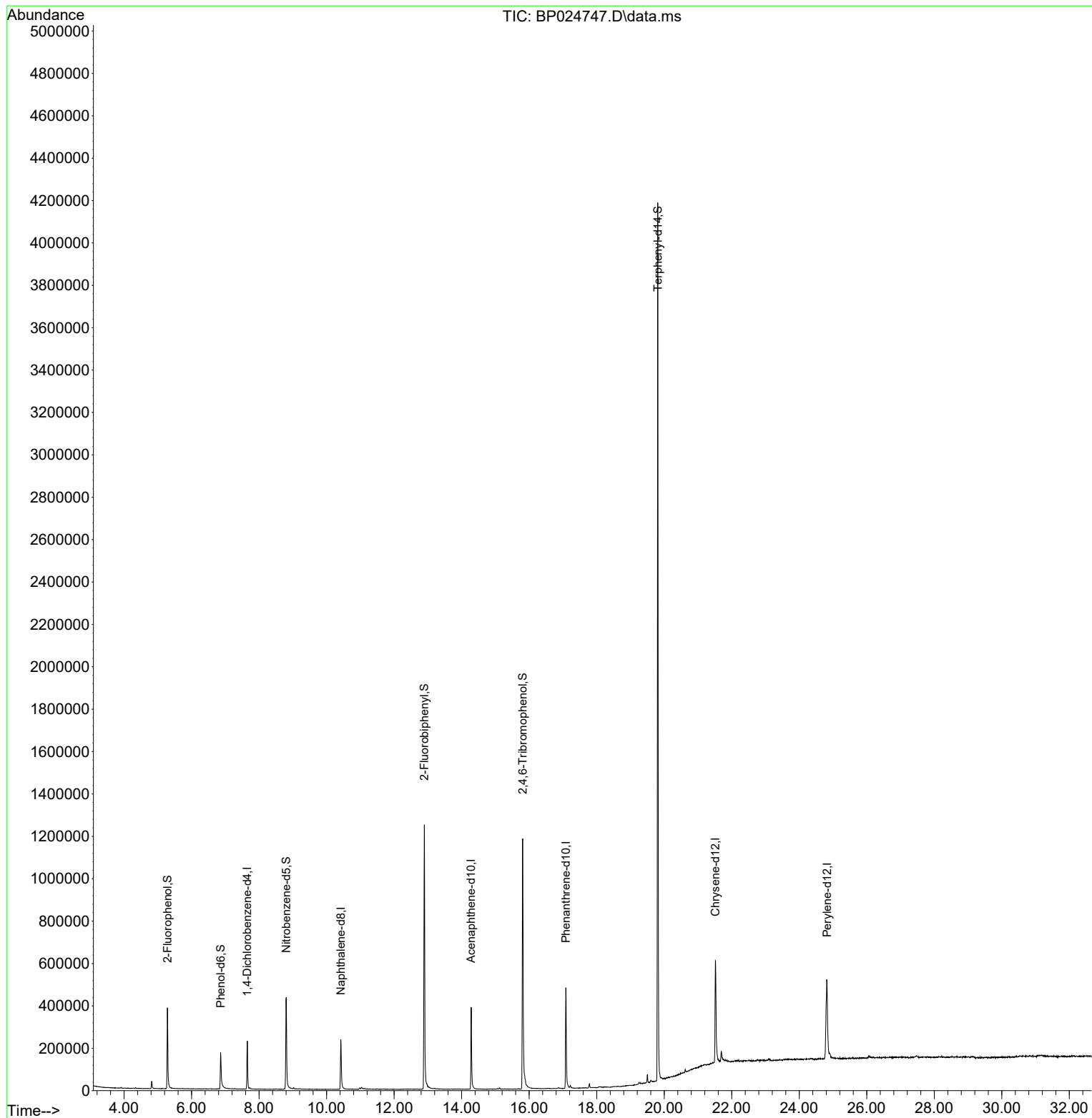
Target Compounds	Qvalue

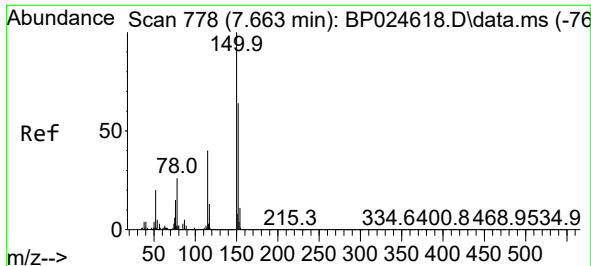
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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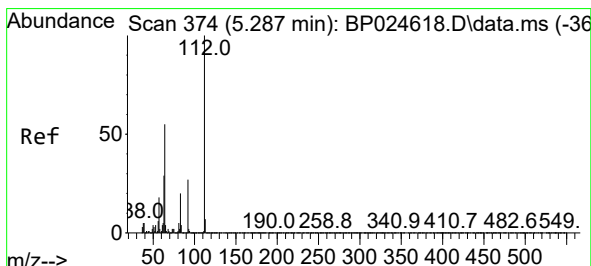
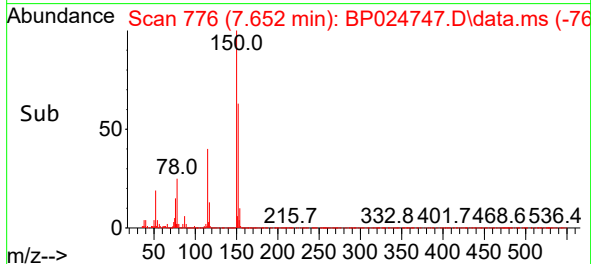
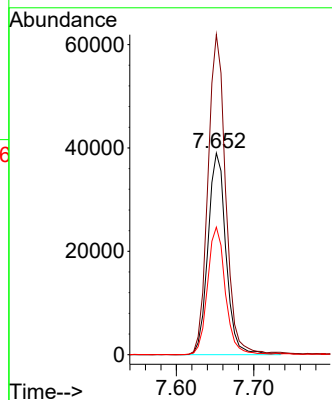
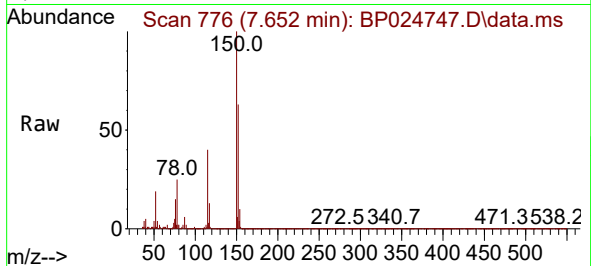




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

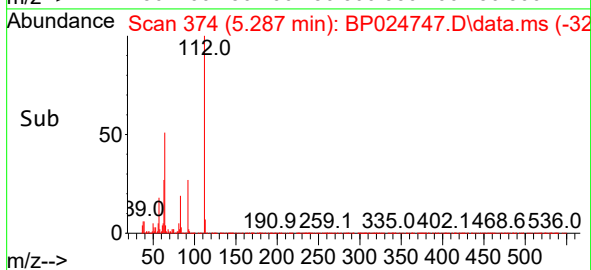
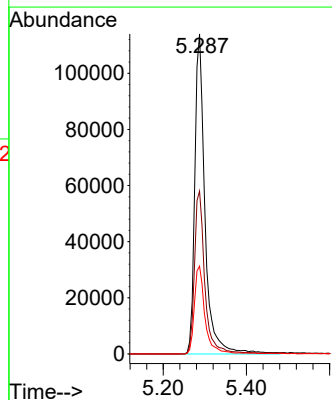
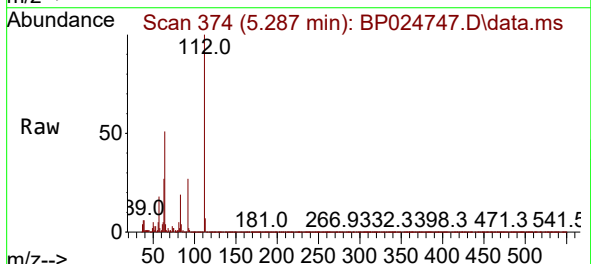
Instrument :
BNA_P
ClientSampleId :
FB-05152025

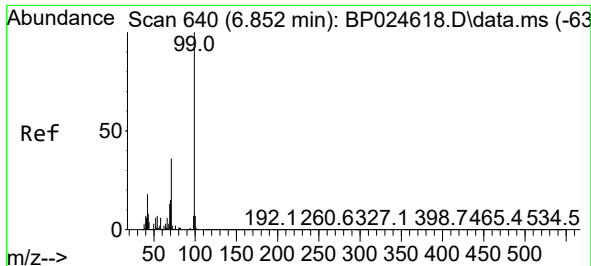
Tgt Ion:152 Resp: 62937
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 63.3 50.1 75.1



#5
2-Fluorophenol
Concen: 52.985 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

Tgt Ion:112 Resp: 194969
Ion Ratio Lower Upper
112 100
64 50.9 44.1 66.1
63 27.5 23.5 35.3

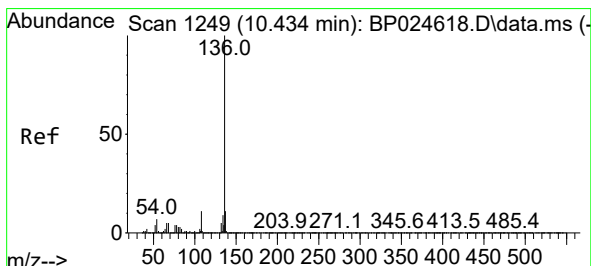
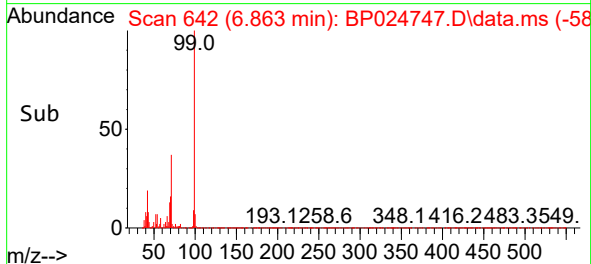
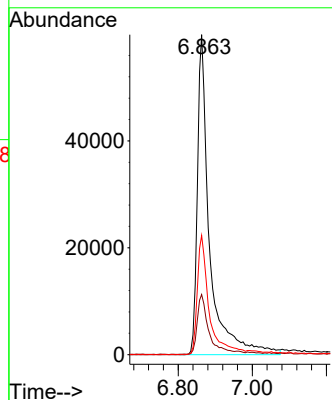
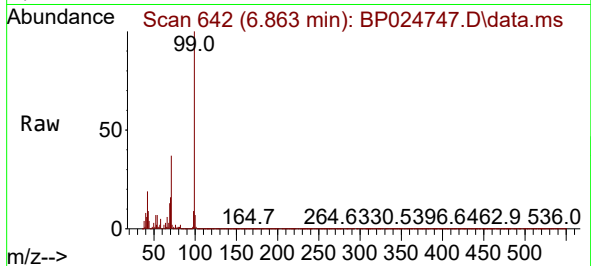




#7
Phenol-d6
Concen: 29.067 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

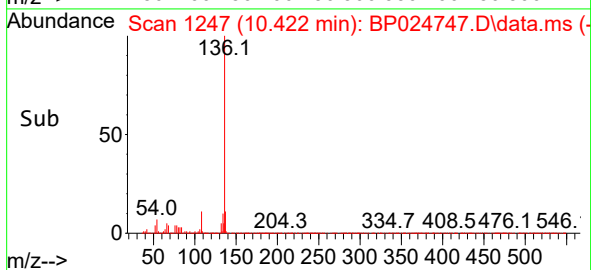
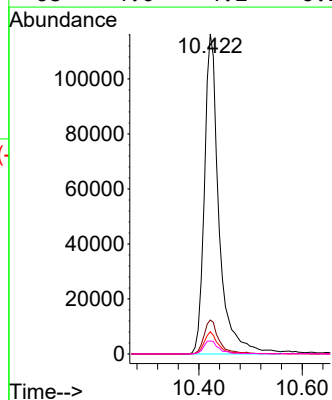
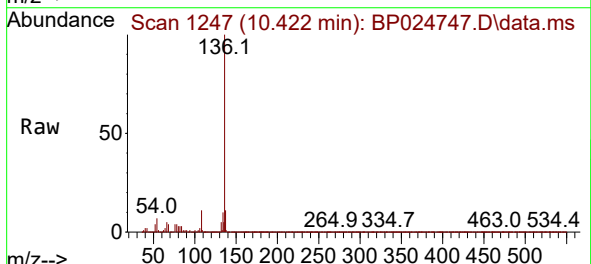
Instrument :
BNA_P
ClientSampleId :
FB-05152025

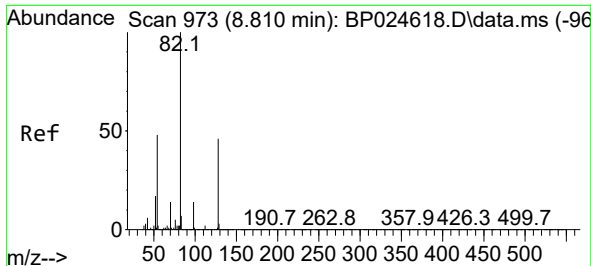
Tgt Ion: 99 Resp: 136508
Ion Ratio Lower Upper
99 100
42 18.8 14.4 21.6
71 37.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

Tgt Ion:136 Resp: 227304
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.9 5.5 8.3
68 4.0 4.2 6.2#

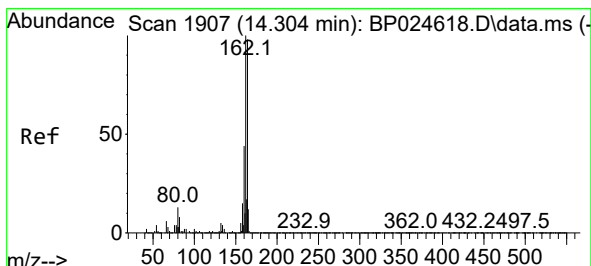
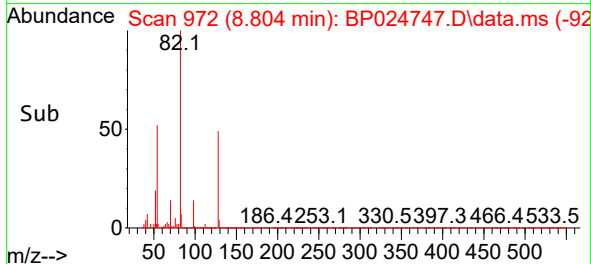
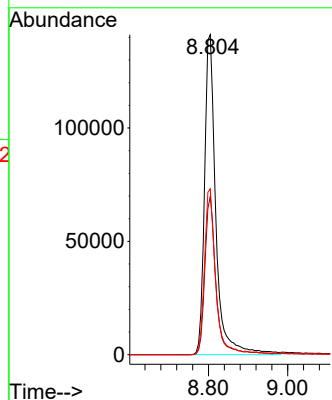
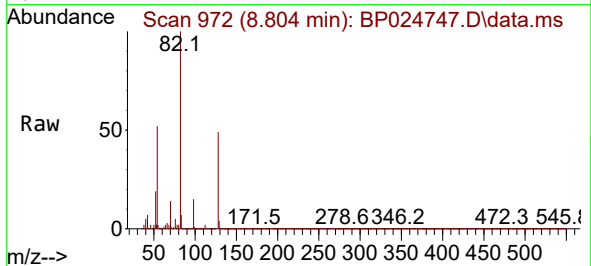




#23
Nitrobenzene-d5
Concen: 62.659 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

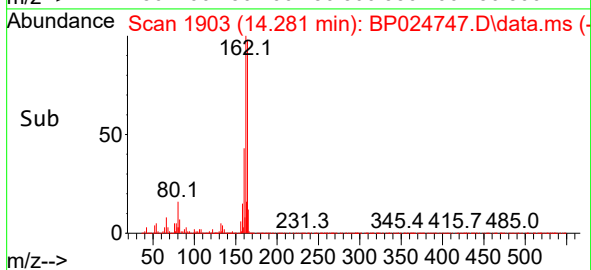
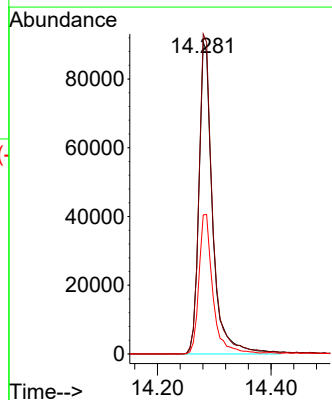
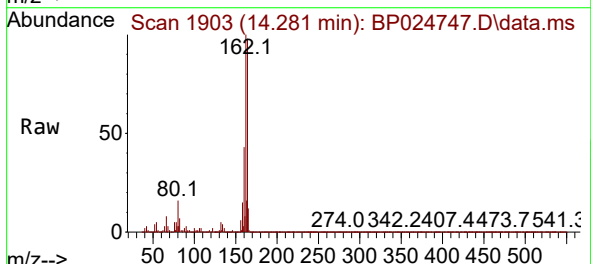
Instrument :
BNA_P
ClientSampleId :
FB-05152025

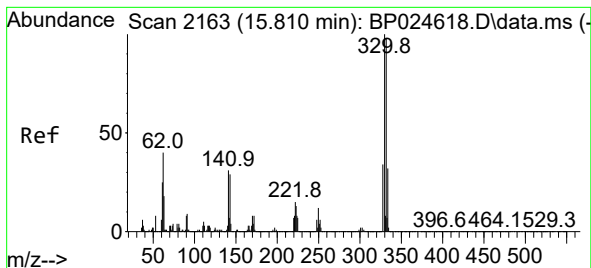
Tgt Ion: 82 Resp: 281886
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 51.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

Tgt Ion:164 Resp: 151908
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 44.6 36.3 54.5

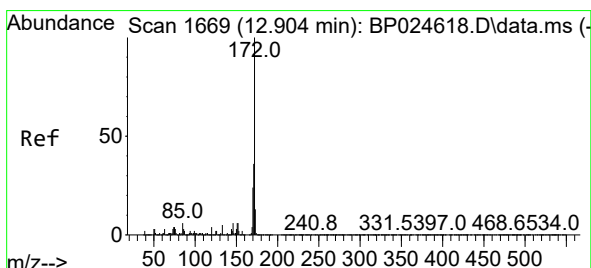
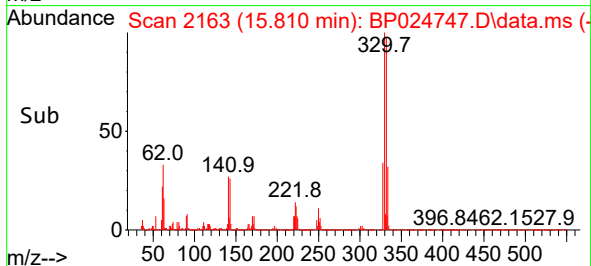
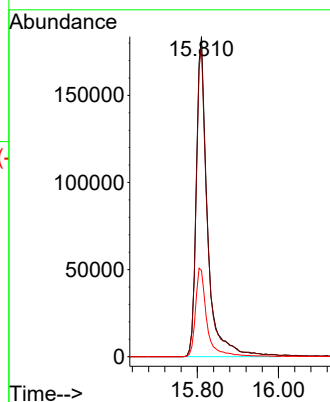
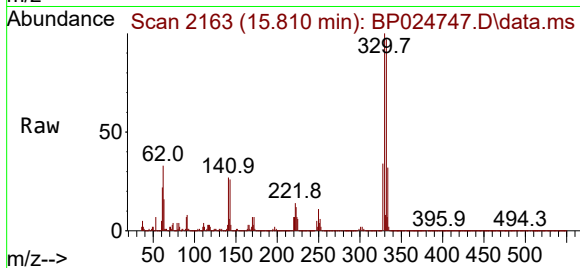




#42
2,4,6-Tribromophenol
Concen: 138.346 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

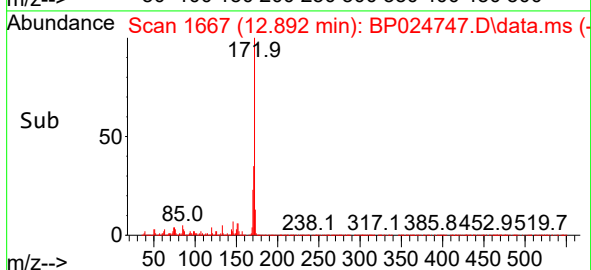
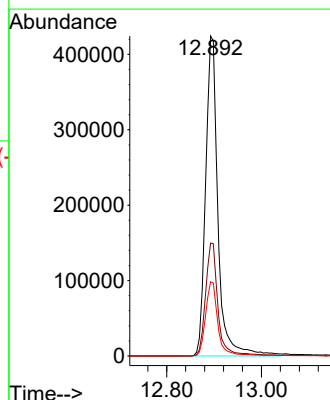
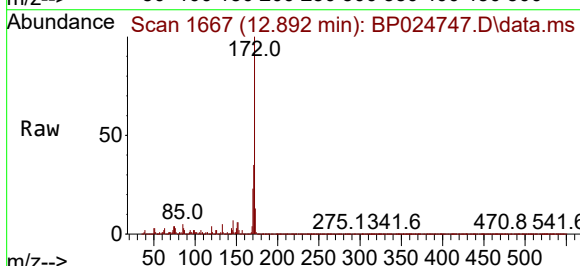
Instrument :
BNA_P
ClientSampleId :
FB-05152025

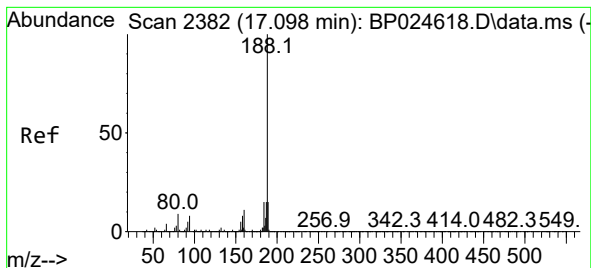
Tgt Ion:330 Resp: 356280
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 28.2 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 66.120 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024747.D
Acq: 21 May 2025 21:38

Tgt Ion:172 Resp: 766655
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.2 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: BP024747.D

Acq: 21 May 2025 21:38

Instrument :

BNA_P

ClientSampleId :

FB-05152025

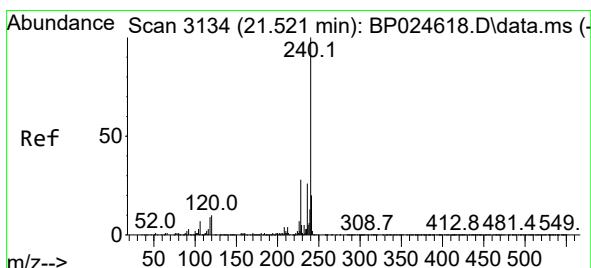
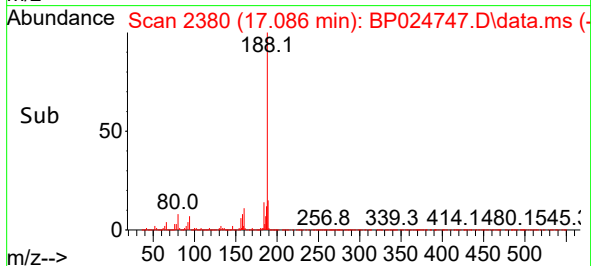
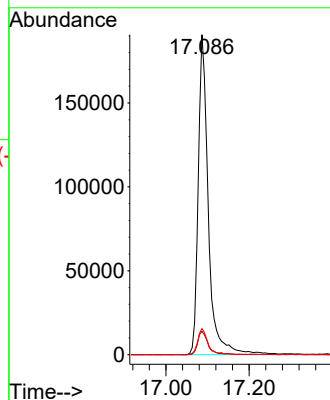
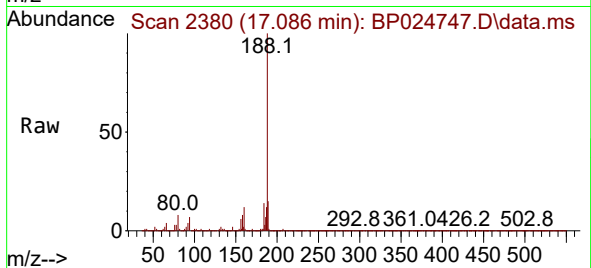
Tgt Ion:188 Resp: 322675

Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 8.1 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: BP024747.D

Acq: 21 May 2025 21:38

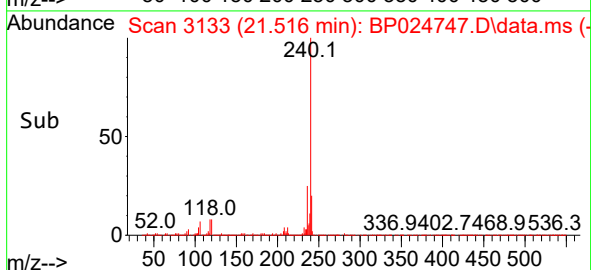
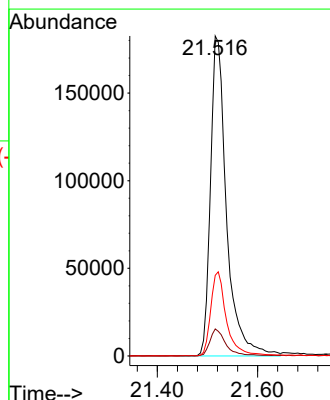
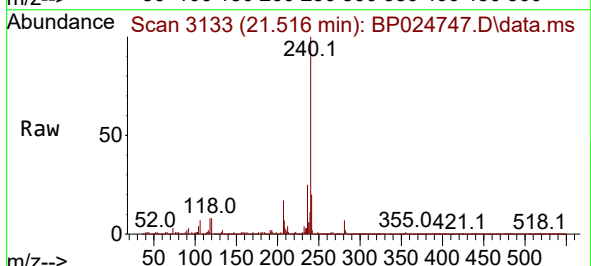
Tgt Ion:240 Resp: 405238

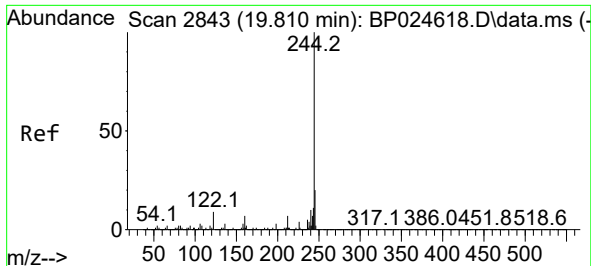
Ion Ratio Lower Upper

240 100

120 8.4 7.8 11.6

236 25.2 20.6 31.0

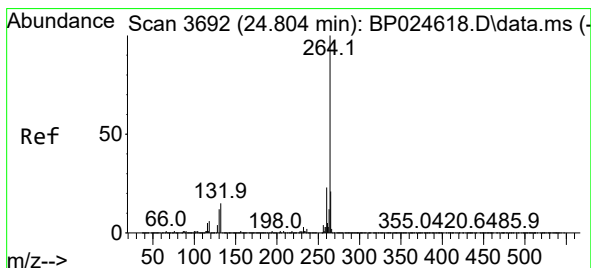
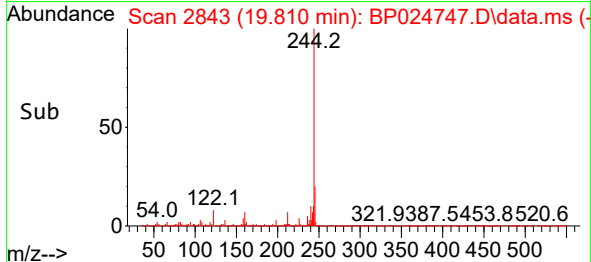
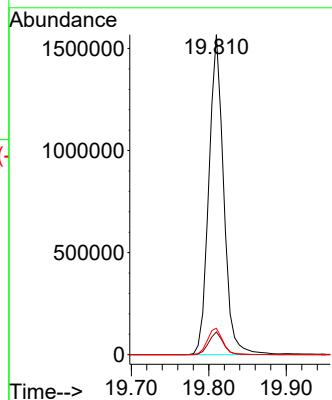
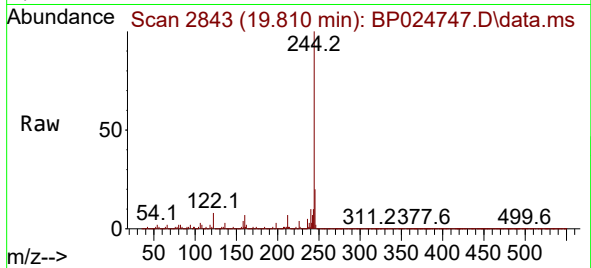




#79
 Terphenyl-d14
 Concen: 88.032 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024747.D
 Acq: 21 May 2025 21:38

Instrument :
 BNA_P
 ClientSampleId :
 FB-05152025

Tgt Ion:244 Resp: 2080475
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.3 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.821 min Scan# 3695
 Delta R.T. 0.018 min
 Lab File: BP024747.D
 Acq: 21 May 2025 21:38

Tgt Ion:264 Resp: 487499
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.7 17.0 25.6

