

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024658.D
 Acq On : 16 May 2025 15:36
 Operator : RC/JU
 Sample : Q1993-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2-20250508

Quant Time: May 16 16:17:44 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)

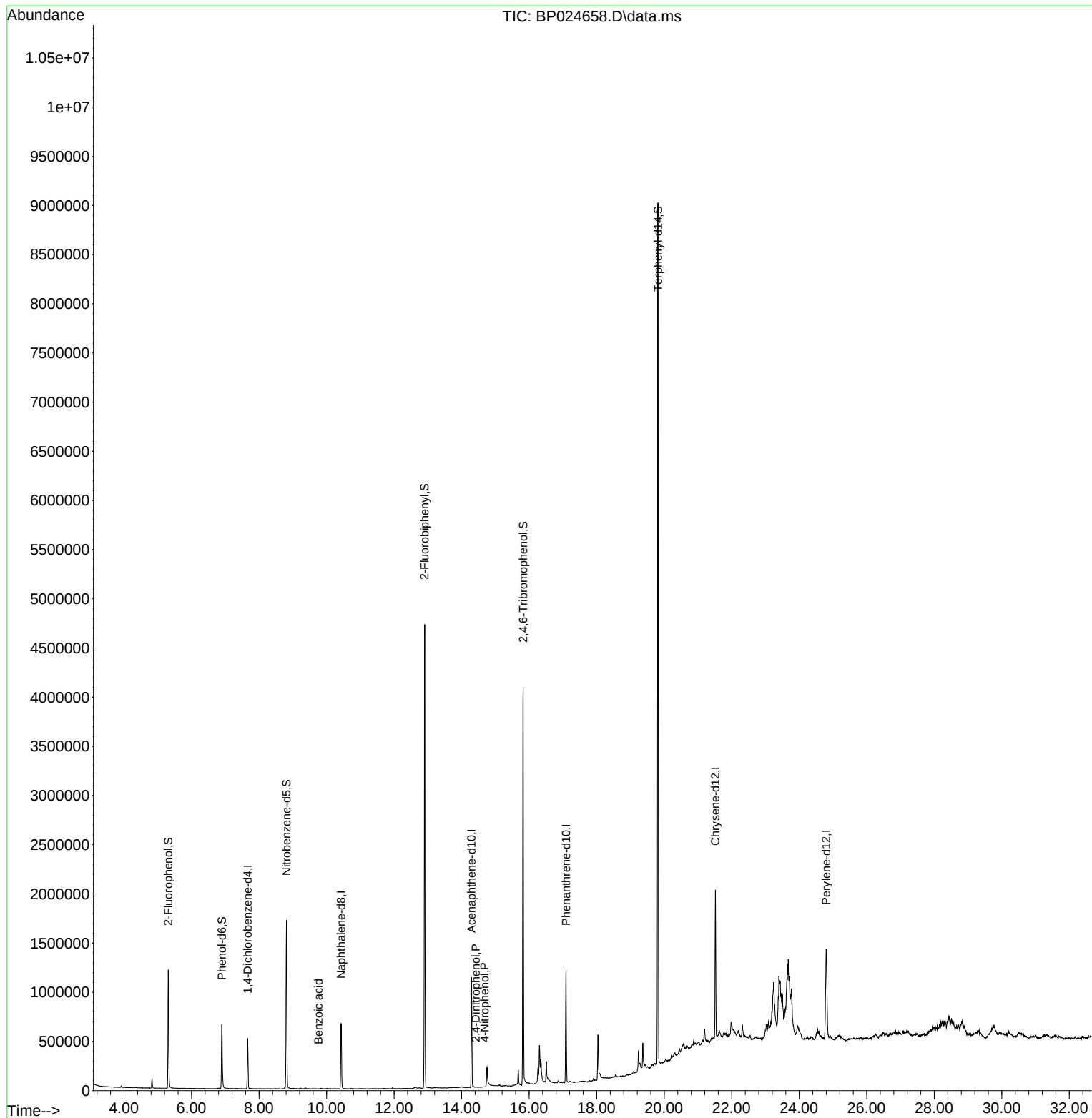
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	139709	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	573216	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	378521	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	740473	20.000	ng	0.00
76) Chrysene-d12	21.515	240	884322	20.000	ng	0.00
86) Perylene-d12	24.798	264	1071973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	563233	68.953	ng	0.02
7) Phenol-d6	6.899	99	442443	42.440	ng	0.05
23) Nitrobenzene-d5	8.810	82	992931	87.522	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	988592	154.058	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	2427029	84.004	ng	0.00
79) Terphenyl-d14	19.815	244	4254152	82.488	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	47	7.475	ng	# 1
54) 2,4-Dinitrophenol	14.422	184	28	6.408	ng	# 1
56) 4-Nitrophenol	14.680	139	127	4.256	ng	97

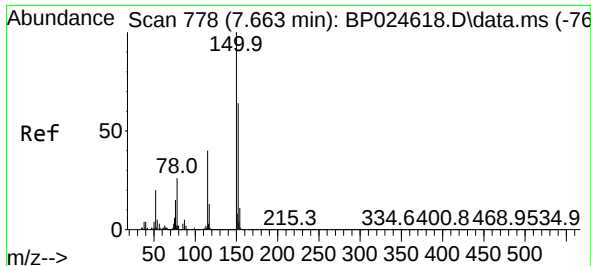
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024658.D
Acq On : 16 May 2025 15:36
Operator : RC/JU
Sample : Q1993-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

Quant Time: May 16 16:17:44 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

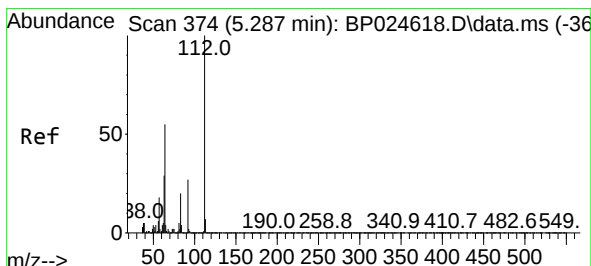
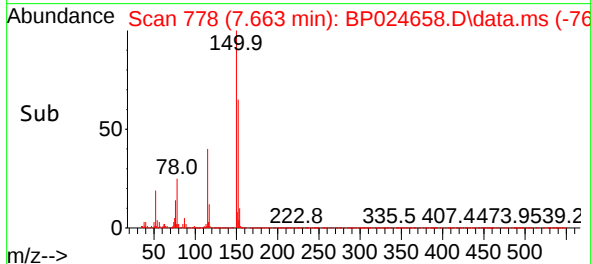
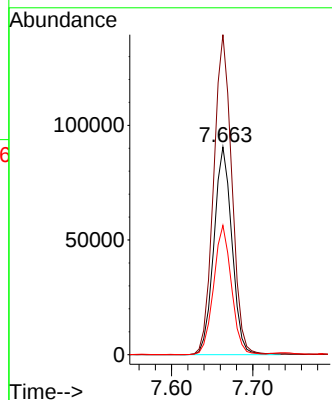
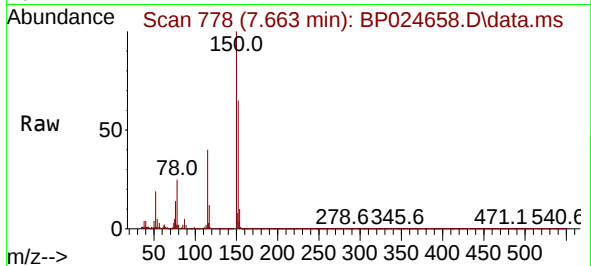




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

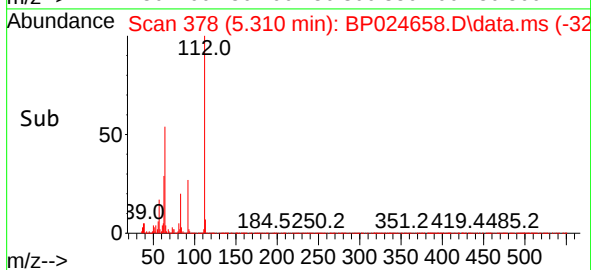
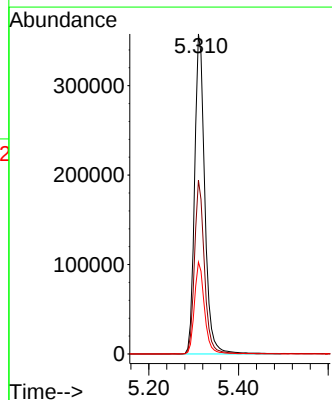
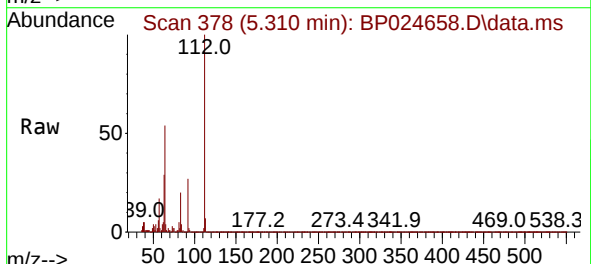
Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

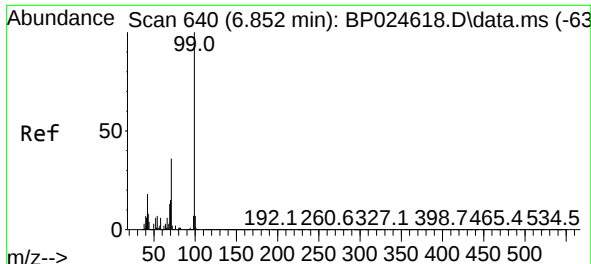
Tgt Ion:152 Resp: 139709
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 62.3 50.1 75.1



#5
2-Fluorophenol
Concen: 68.953 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.023 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:112 Resp: 563233
Ion Ratio Lower Upper
112 100
64 54.3 44.1 66.1
63 28.7 23.5 35.3

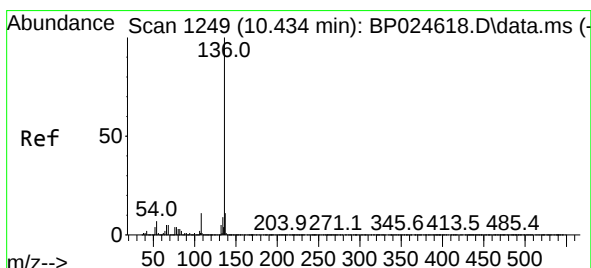
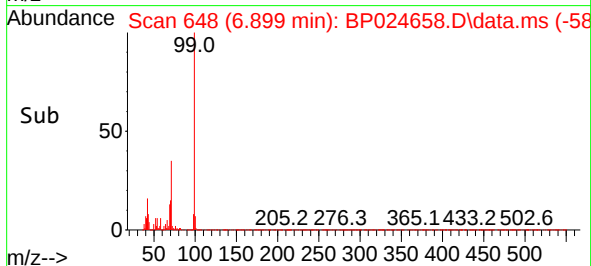
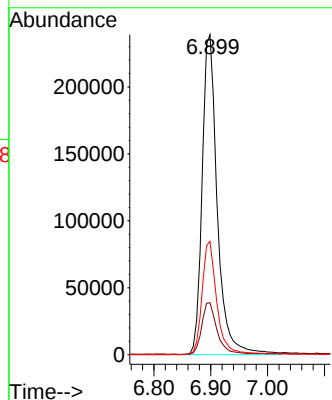
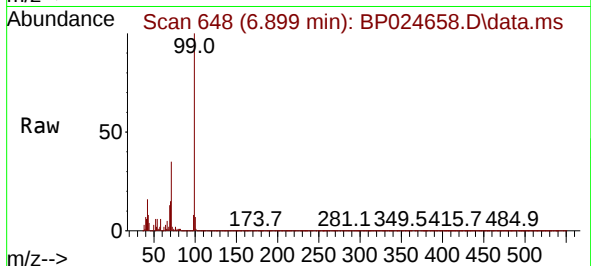




#7
Phenol-d6
Concen: 42.440 ng
RT: 6.899 min Scan# 64
Delta R.T. 0.047 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

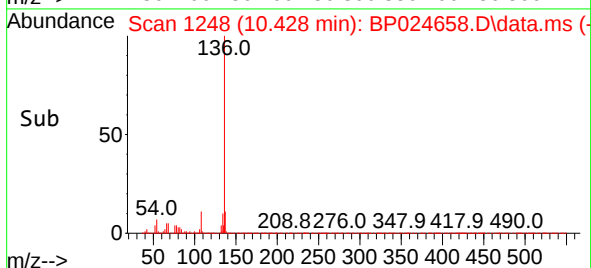
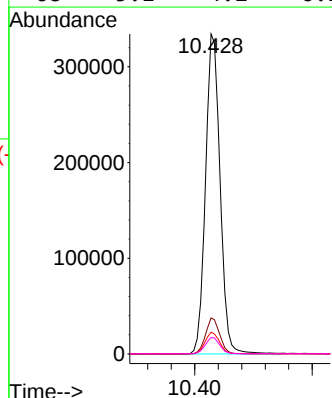
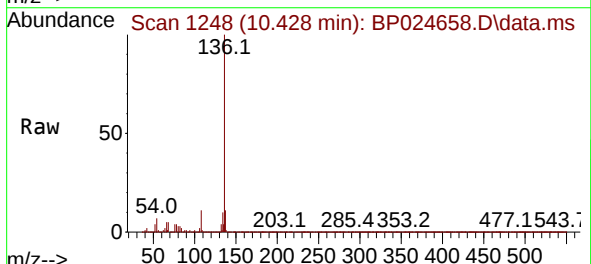
Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

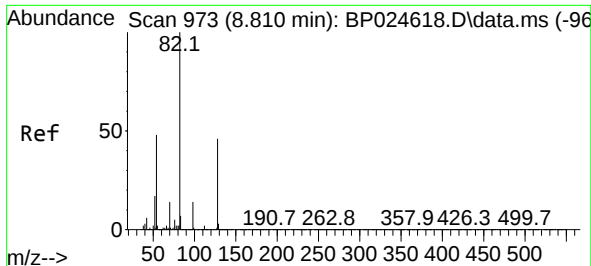
Tgt Ion: 99 Resp: 442443
Ion Ratio Lower Upper
99 100
42 16.2 14.4 21.6
71 35.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion: 136 Resp: 573216
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.8 5.5 8.3
68 5.1 4.2 6.2

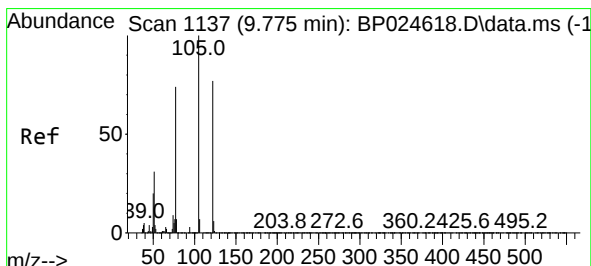
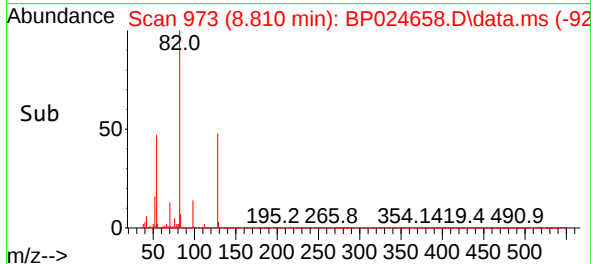
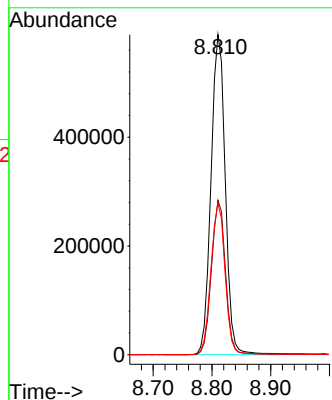
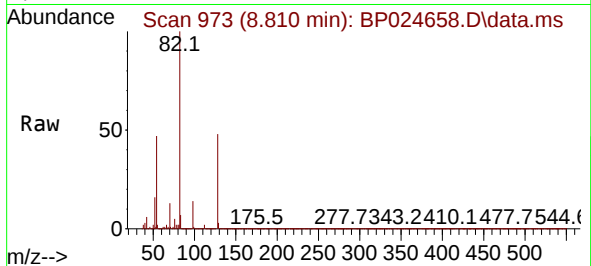




#23
Nitrobenzene-d5
Concen: 87.522 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

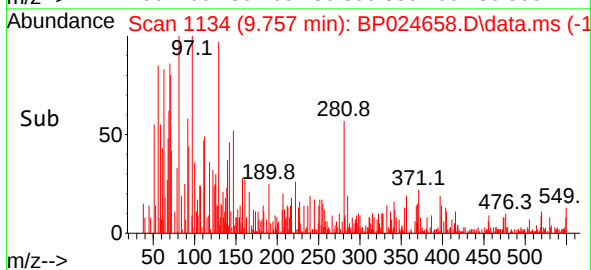
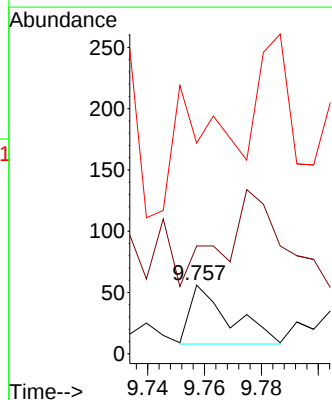
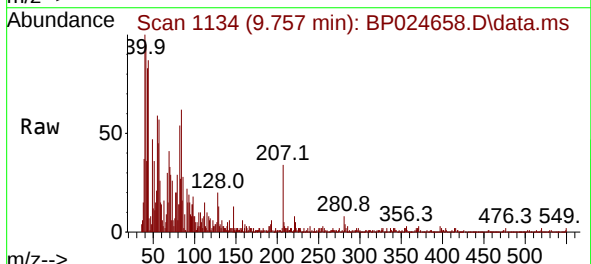
Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

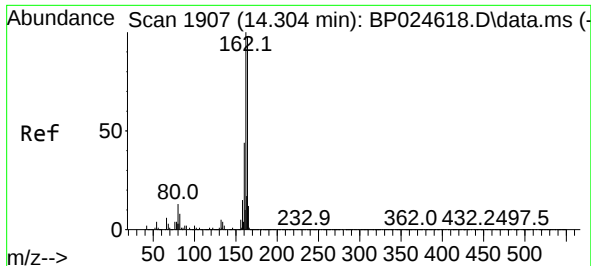
Tgt Ion: 82 Resp: 992931
Ion Ratio Lower Upper
82 100
128 48.3 37.0 55.4
54 47.3 38.7 58.1



#32
Benzoic acid
Concen: 7.475 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:122 Resp: 47
Ion Ratio Lower Upper
122 100
105 157.1 106.9 146.9#
77 307.1 75.1 115.1#

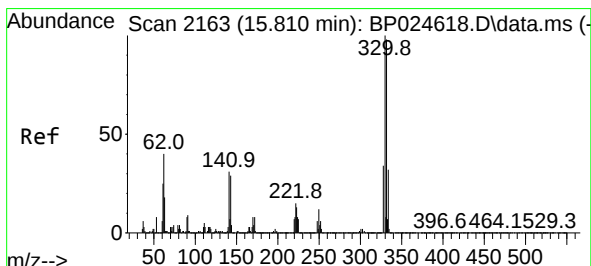
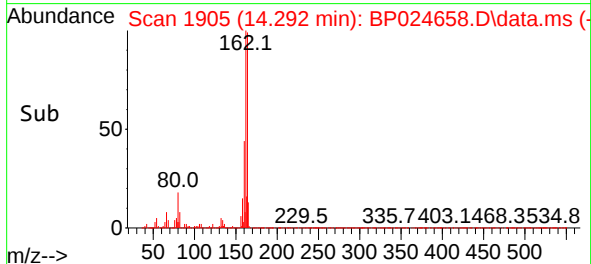
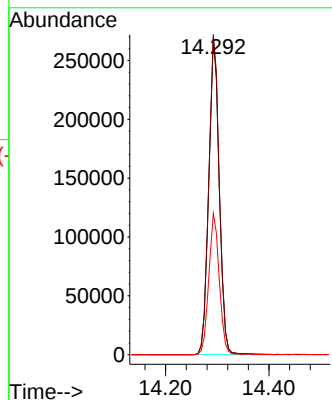
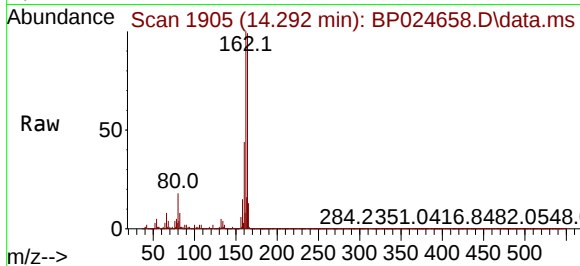




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

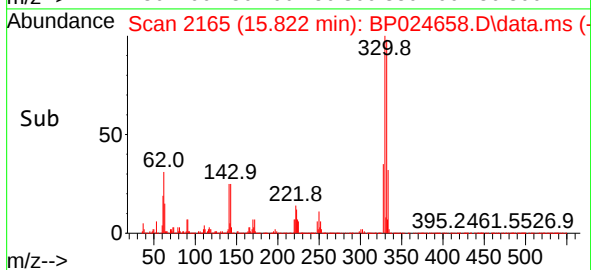
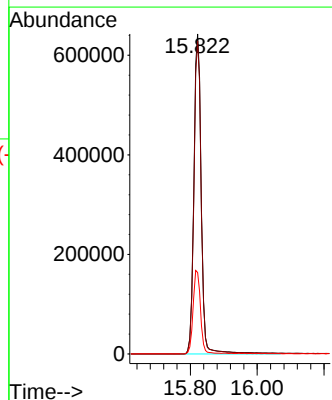
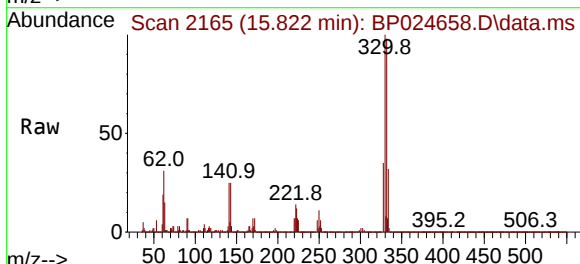
Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

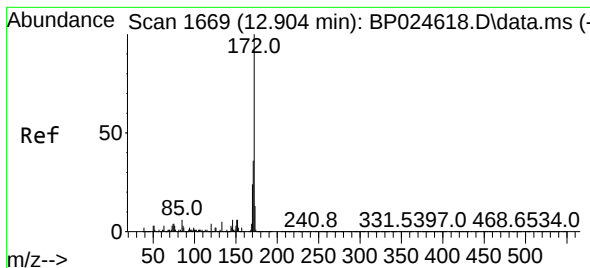
Tgt Ion:164 Resp: 378521
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 44.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 154.058 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:330 Resp: 988592
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.4
141 26.1 24.3 36.5

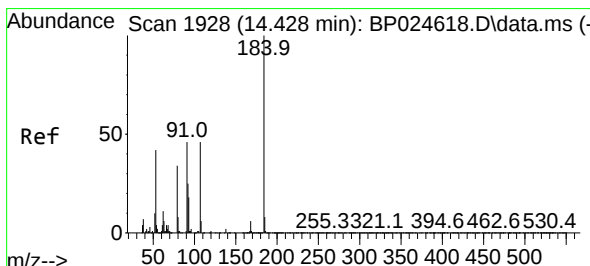
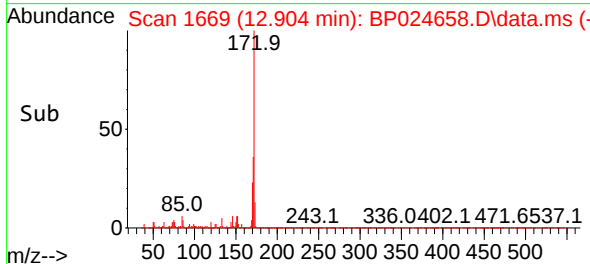
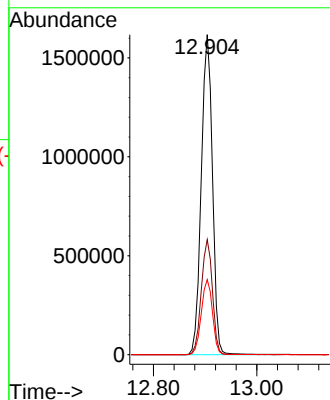
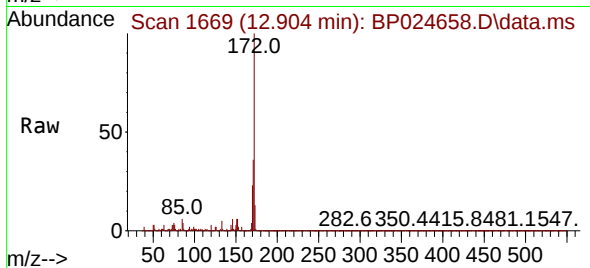




#45
2-Fluorobiphenyl
Concen: 84.004 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

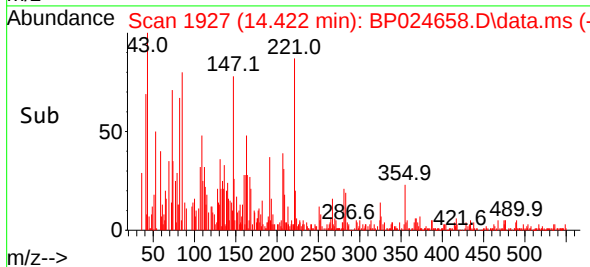
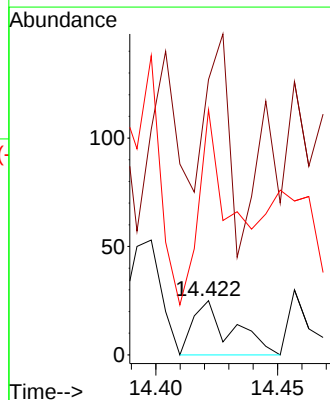
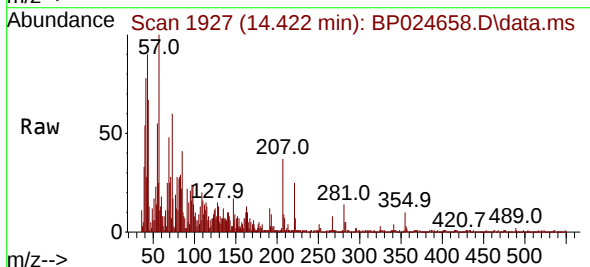
Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

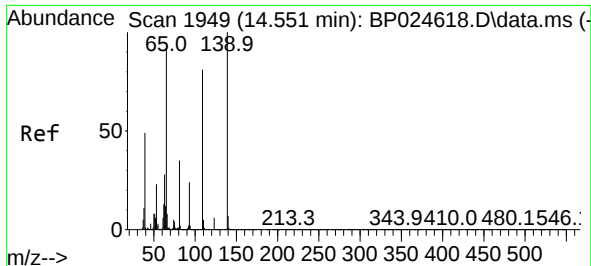
Tgt Ion:172 Resp: 2427029
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.4 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.408 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 508.0 51.3 76.9#
154 452.0 53.5 80.3#

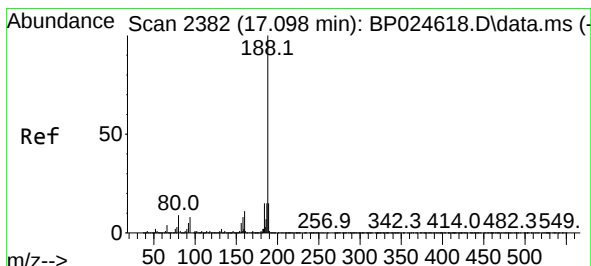
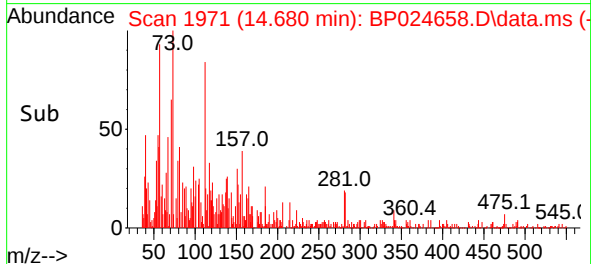
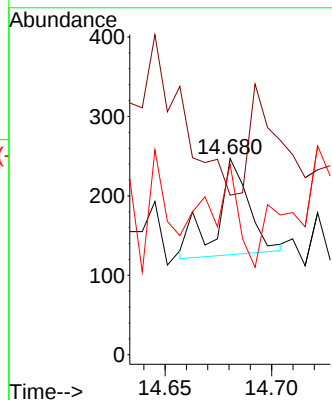
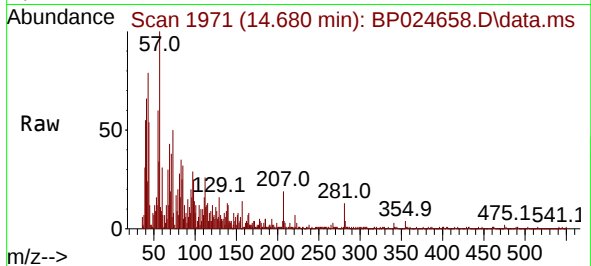




#56
4-Nitrophenol
Concen: 4.256 ng
RT: 14.680 min Scan# 1949
Delta R.T. 0.129 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

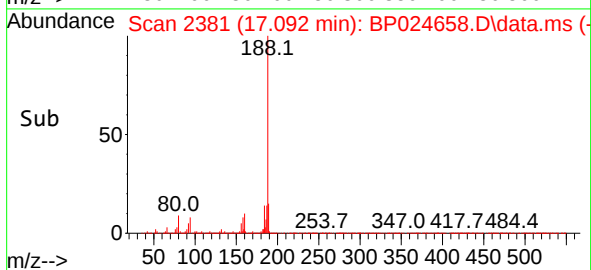
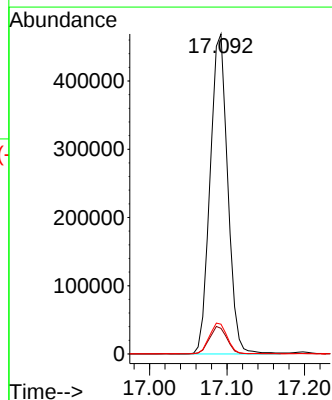
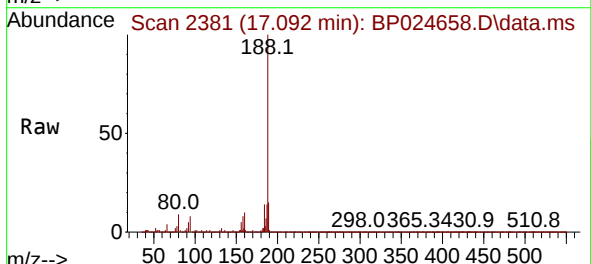
Instrument :
BNA_P
ClientSampleId :
MW-2-20250508

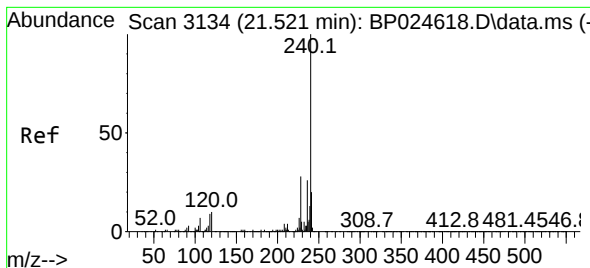
Tgt Ion:139 Resp: 127
Ion Ratio Lower Upper
139 100
109 81.4 61.4 101.4
65 97.2 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024658.D
Acq: 16 May 2025 15:36

Tgt Ion:188 Resp: 740473
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024658.D

Acq: 16 May 2025 15:36

Instrument :

BNA_P

ClientSampleId :

MW-2-20250508

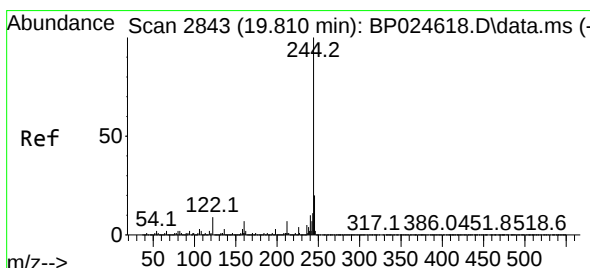
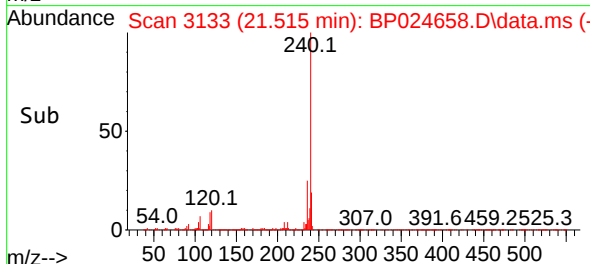
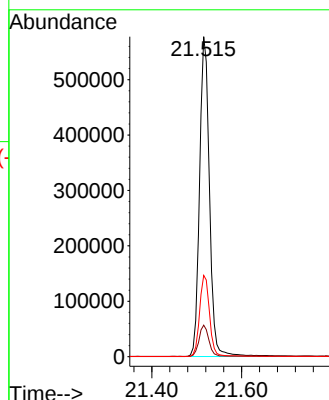
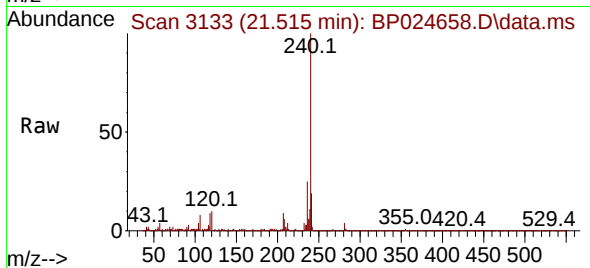
Tgt Ion:240 Resp: 884322

Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.6

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 82.488 ng

RT: 19.815 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024658.D

Acq: 16 May 2025 15:36

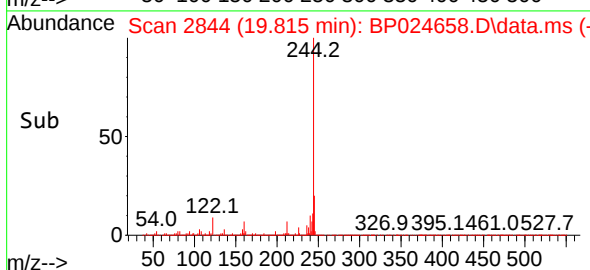
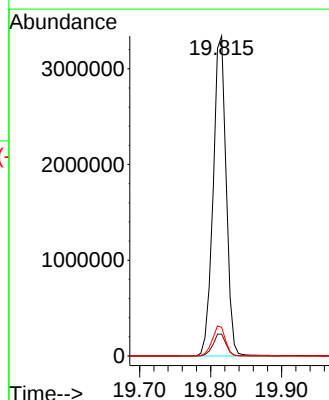
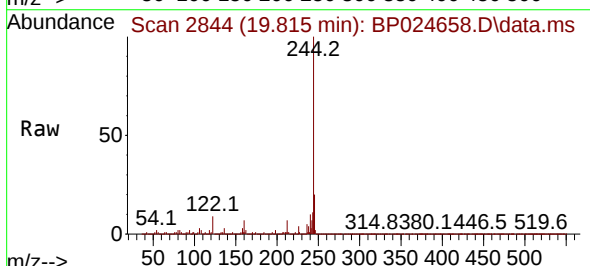
Tgt Ion:244 Resp: 4254152

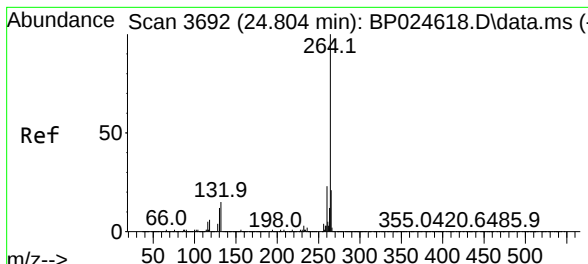
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.0 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BP024658.D
 Acq: 16 May 2025 15:36

Instrument :
 BNA_P
 ClientSampleId :
 MW-2-20250508

Tgt Ion:264 Resp: 1071973

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.2	17.0	25.6

