

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024716.D
 Acq On : 20 May 2025 20:42
 Operator : RC/JU
 Sample : Q2032-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-05132025

Quant Time: May 21 01:26:49 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)

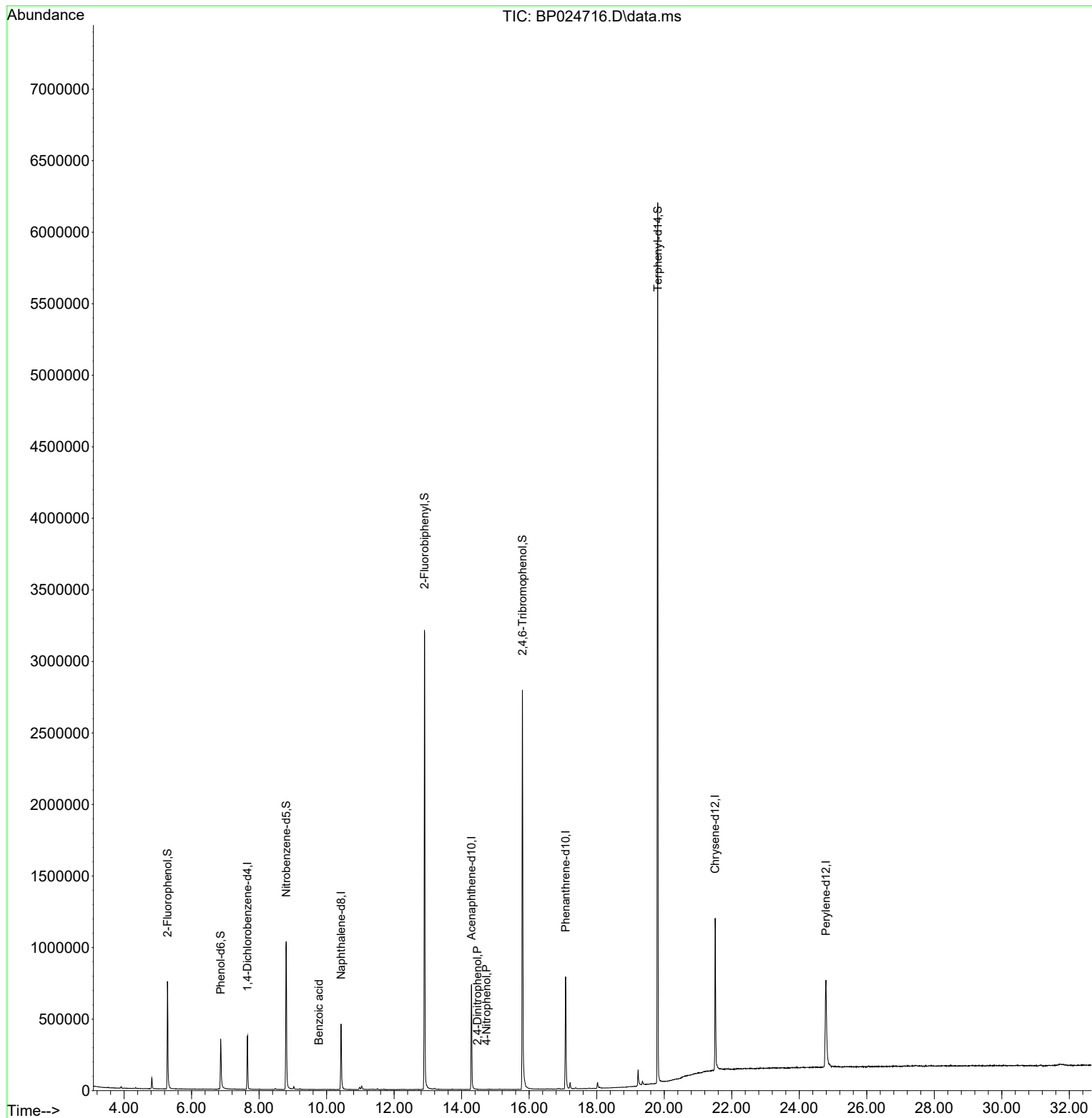
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	106183	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	406207	20.000	ng	# 0.00
39) Acenaphthene-d10	14.292	164	282716	20.000	ng	-0.01
64) Phenanthrene-d10	17.080	188	572204	20.000	ng	-0.02
76) Chrysene-d12	21.509	240	649834	20.000	ng	-0.01
86) Perylene-d12	24.792	264	736394	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	352587	56.794	ng	0.00
7) Phenol-d6	6.863	99	248817	31.403	ng	0.01
23) Nitrobenzene-d5	8.804	82	625859	77.848	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	729414	152.188	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1696925	78.637	ng	0.00
79) Terphenyl-d14	19.810	244	3257999	85.968	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.775	122	18	7.472	ng	# 32
54) 2,4-Dinitrophenol	14.469	184	13	6.405	ng	93
56) 4-Nitrophenol	14.733	139	39	4.243	ng	85

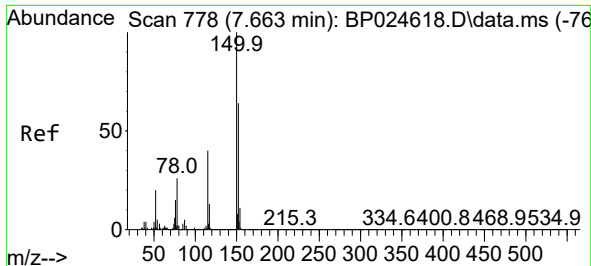
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024716.D
Acq On : 20 May 2025 20:42
Operator : RC/JU
Sample : Q2032-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-05132025

Quant Time: May 21 01:26:49 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

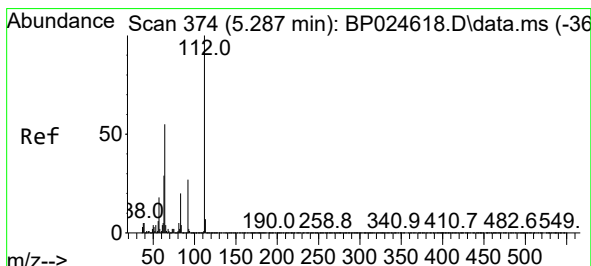
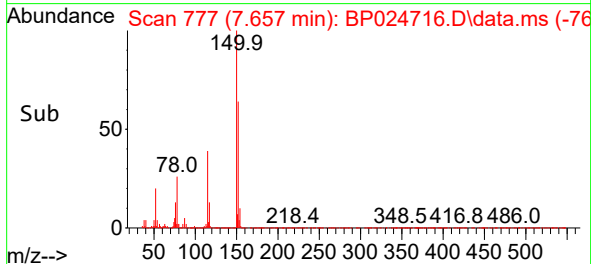
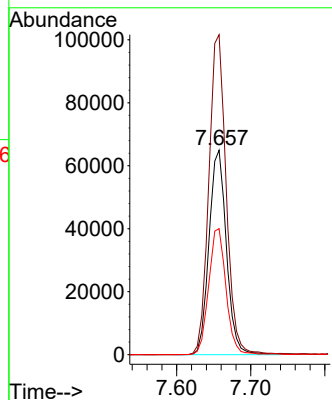
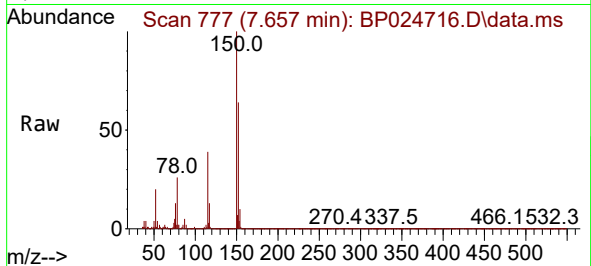




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

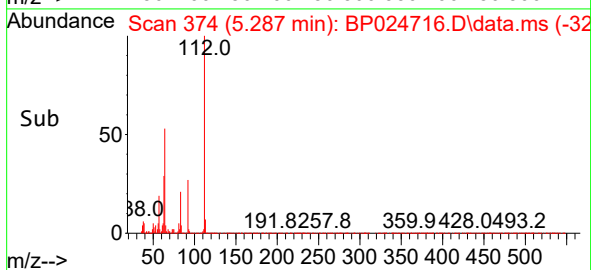
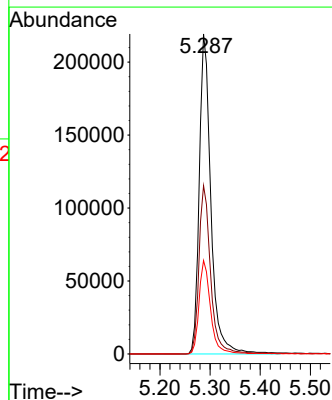
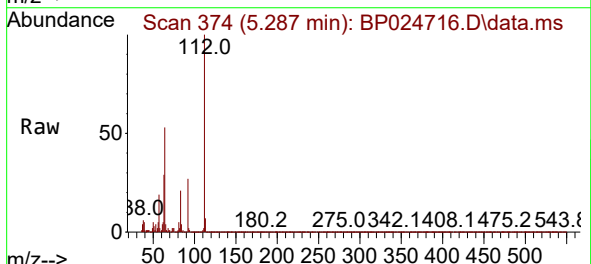
Instrument :
BNA_P
ClientSampleId :
FB-05132025

Tgt Ion:152 Resp: 106183
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 61.7 50.1 75.1



#5
2-Fluorophenol
Concen: 56.794 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

Tgt Ion:112 Resp: 352587
Ion Ratio Lower Upper
112 100
64 52.6 44.1 66.1
63 29.2 23.5 35.3

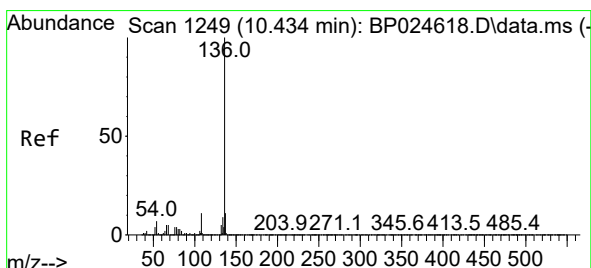
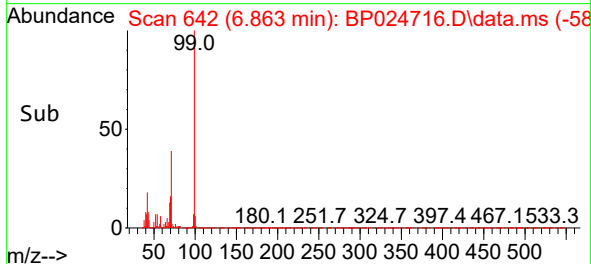
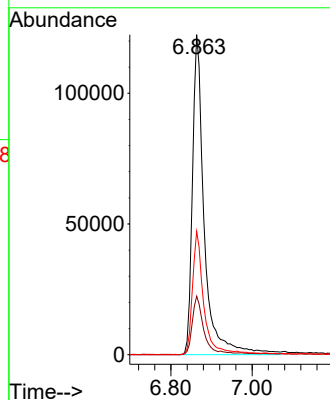
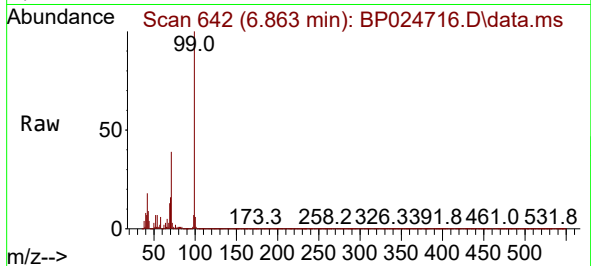




#7
Phenol-d6
Concen: 31.403 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

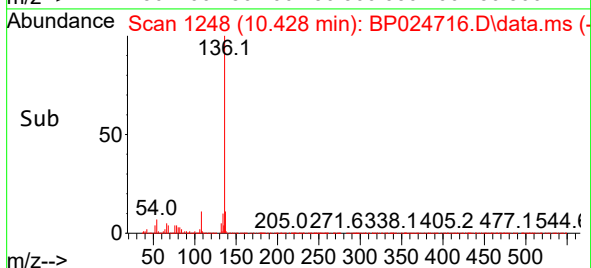
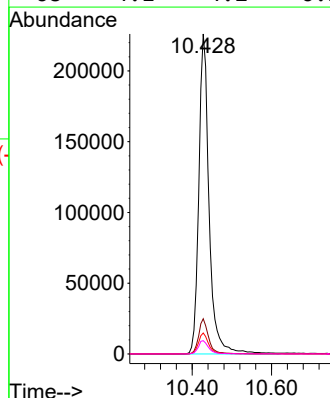
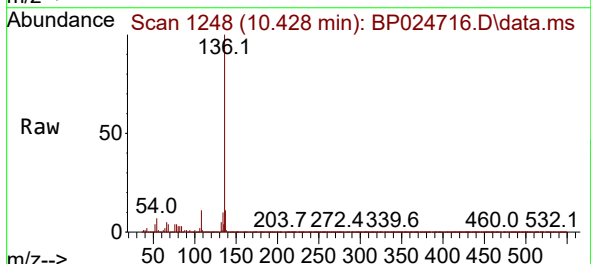
Instrument :
BNA_P
ClientSampleId :
FB-05132025

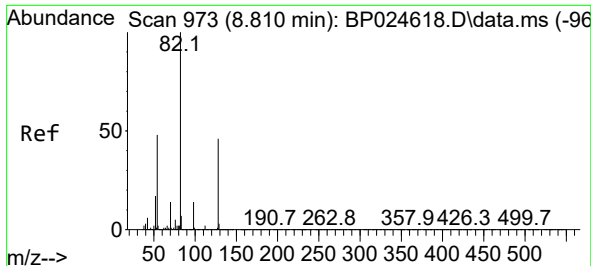
Tgt Ion: 99 Resp: 248817
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 38.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

Tgt Ion:136 Resp: 406207
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.5 8.3
68 4.1 4.2 6.2#

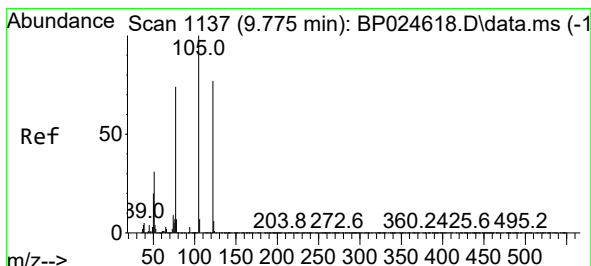
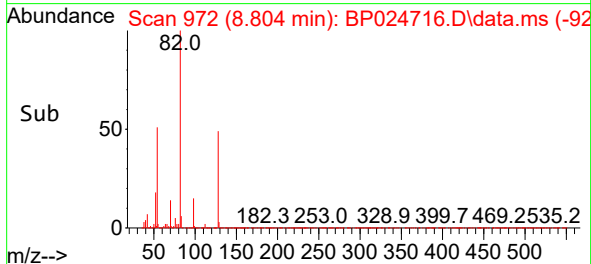
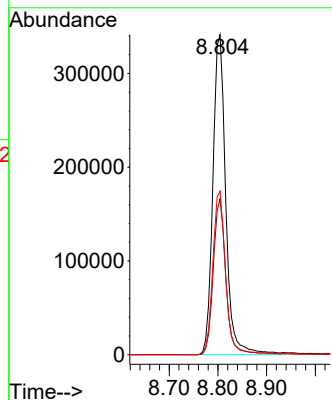
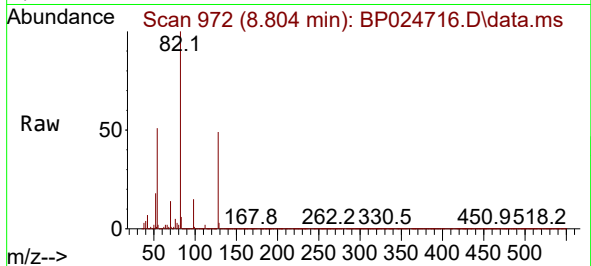




#23
Nitrobenzene-d5
Concen: 77.848 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

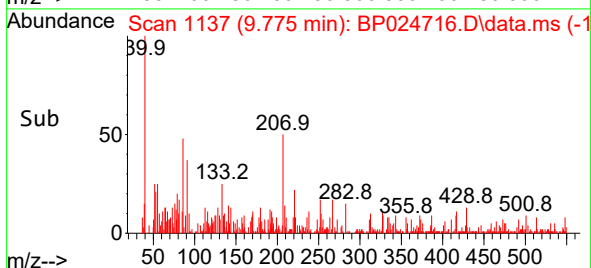
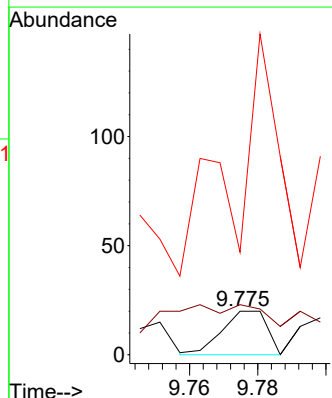
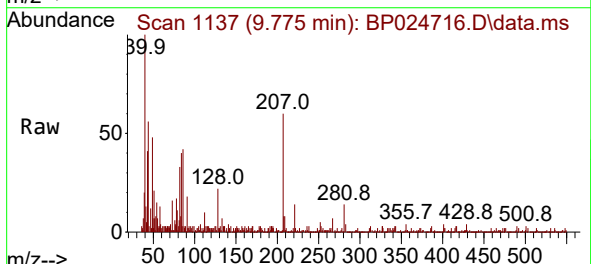
Instrument :
BNA_P
ClientSampleId :
FB-05132025

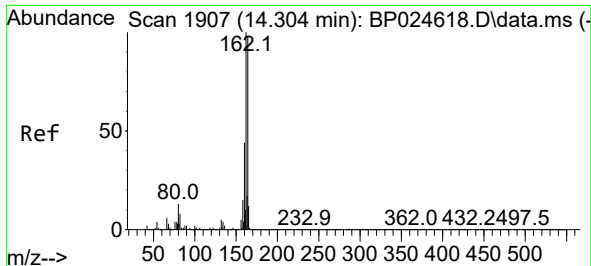
Tgt Ion: 82 Resp: 625859
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 51.1 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

Tgt Ion:122 Resp: 18
Ion Ratio Lower Upper
122 100
105 115.0 106.9 146.9
77 235.0 75.1 115.1#

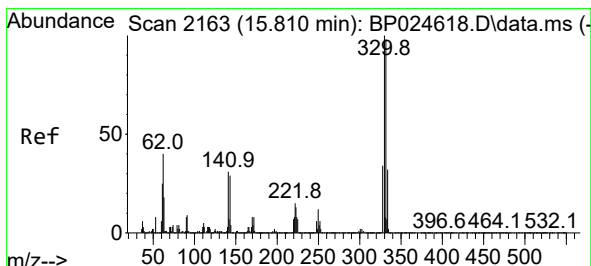
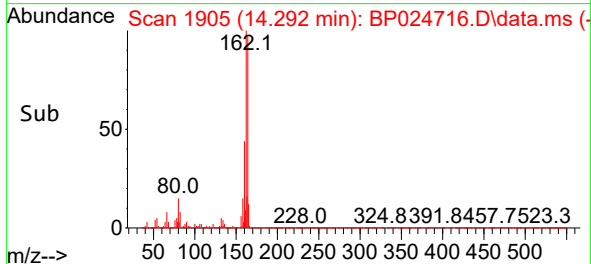
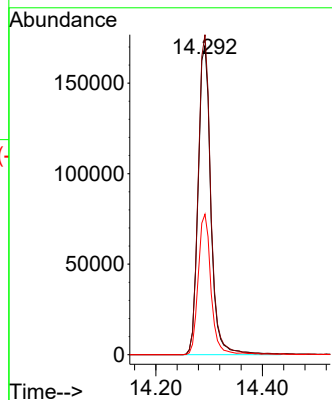
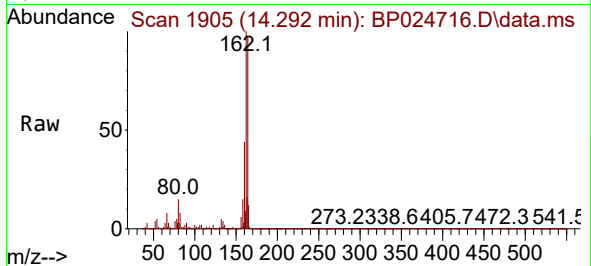




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

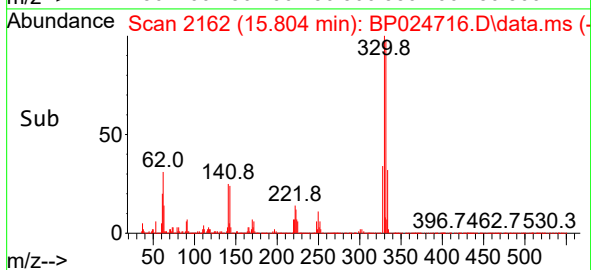
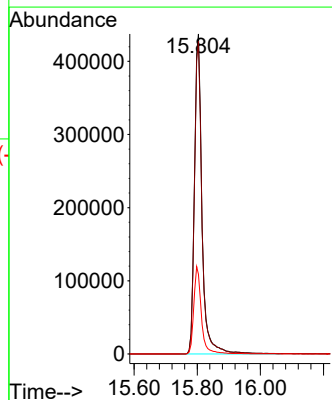
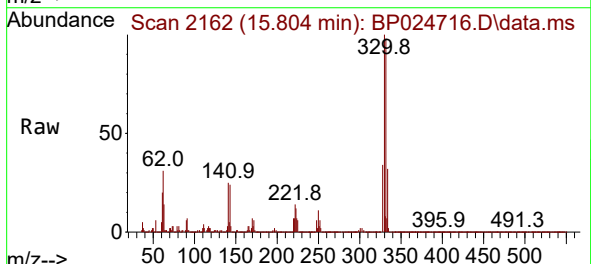
Instrument :
BNA_P
ClientSampleId :
FB-05132025

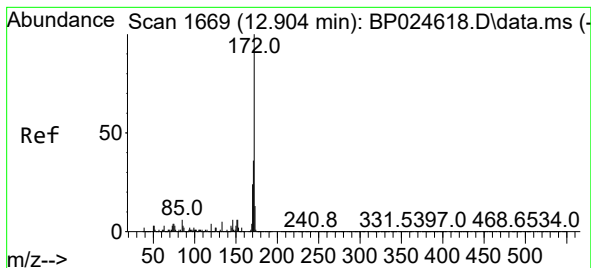
Tgt Ion:164 Resp: 282716
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 45.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 152.188 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

Tgt Ion:330 Resp: 729414
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 27.1 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 78.637 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024716.D

Acq: 20 May 2025 20:42

Instrument :

BNA_P

ClientSampleId :

FB-05132025

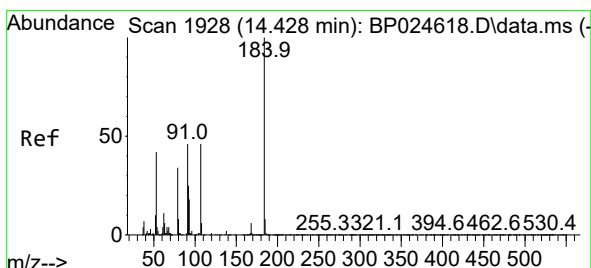
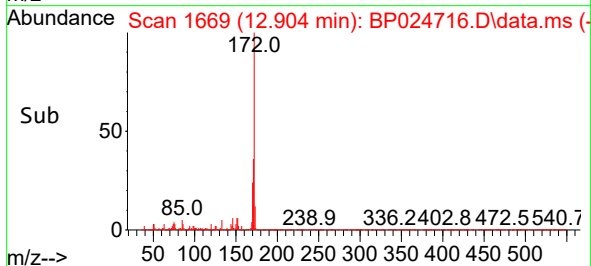
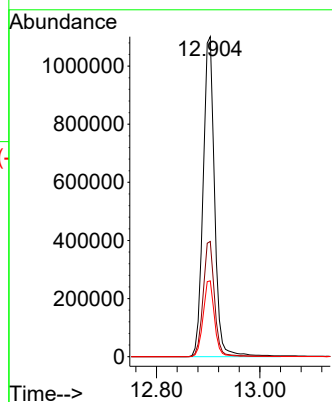
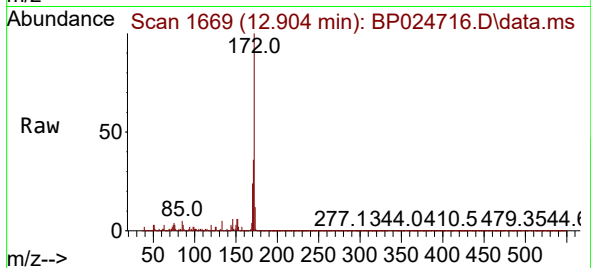
Tgt Ion:172 Resp: 1696925

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.469 min Scan# 1935

Delta R.T. 0.041 min

Lab File: BP024716.D

Acq: 20 May 2025 20:42

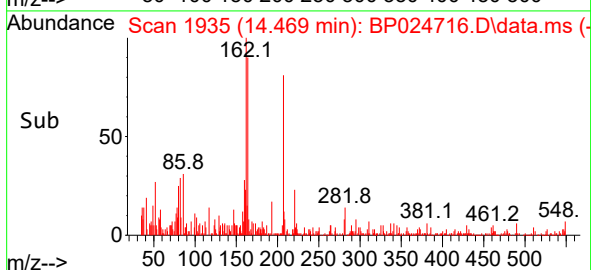
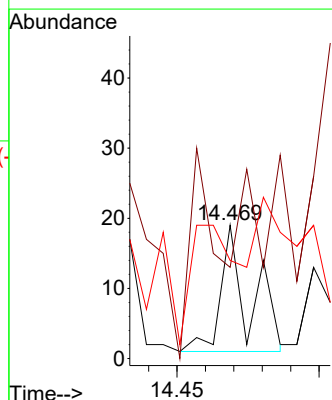
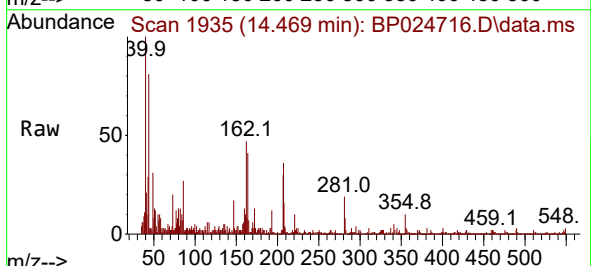
Tgt Ion:184 Resp: 13

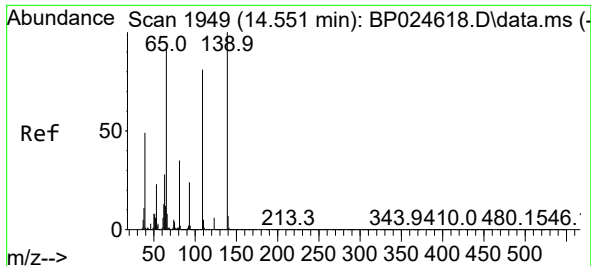
Ion Ratio Lower Upper

184 100

63 68.4 51.3 76.9

154 73.7 53.5 80.3

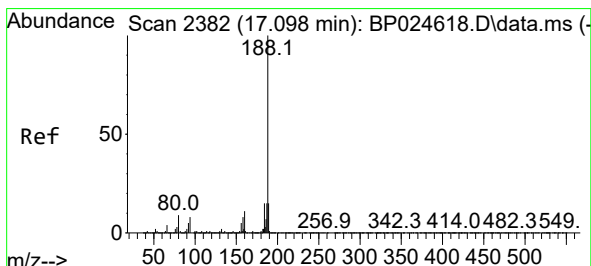
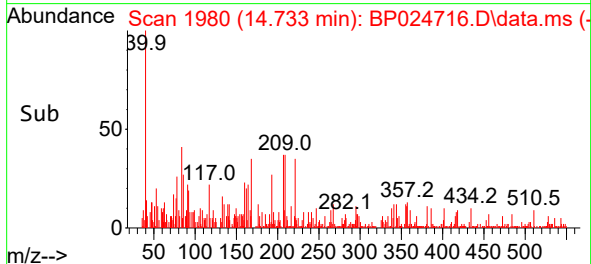
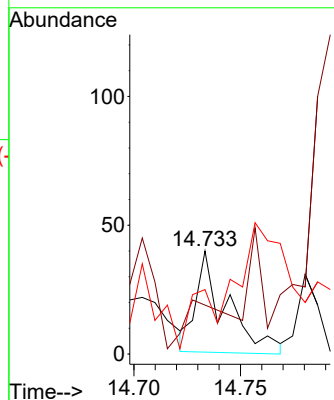
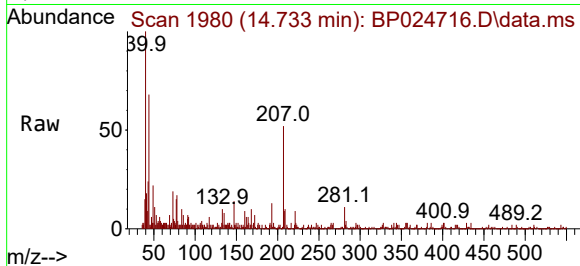




#56
4-Nitrophenol
Concen: 4.243 ng
RT: 14.733 min Scan# 1949
Delta R.T. 0.182 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

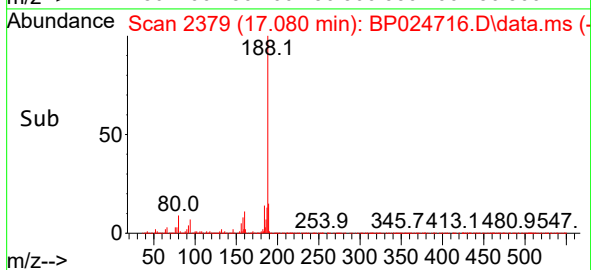
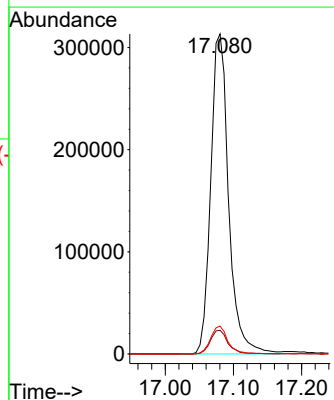
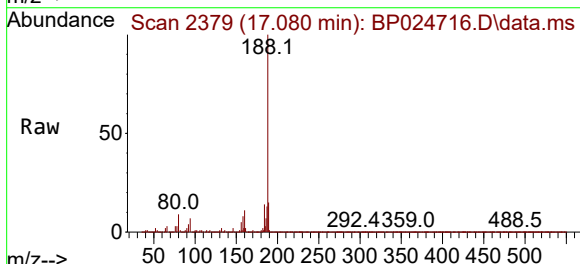
Instrument :
BNA_P
ClientSampleId :
FB-05132025

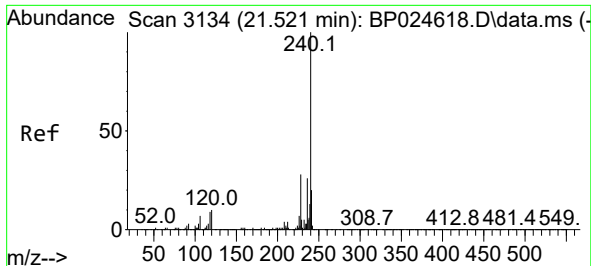
Tgt Ion:139 Resp: 39
Ion Ratio Lower Upper
139 100
109 70.0 61.4 101.4
65 107.5 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

Tgt Ion:188 Resp: 572204
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.7 7.3 10.9

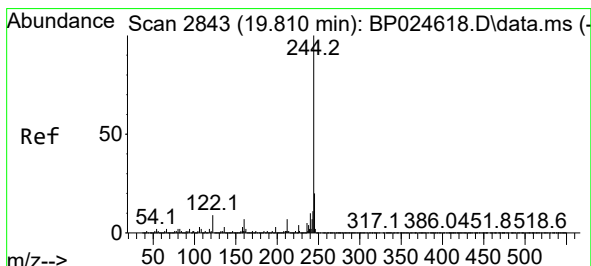
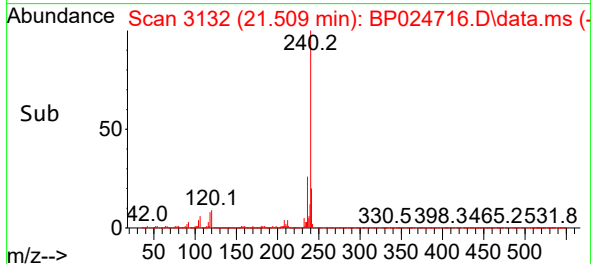
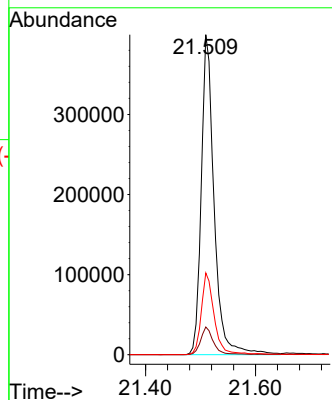
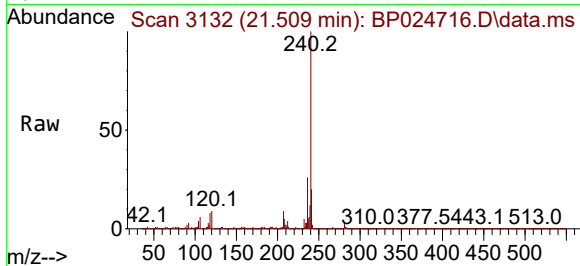




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

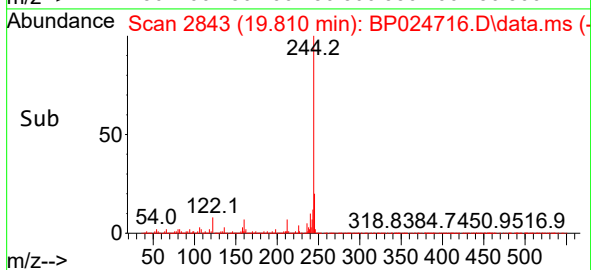
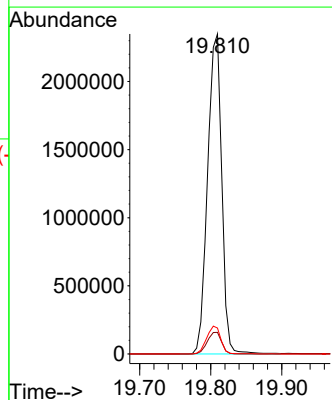
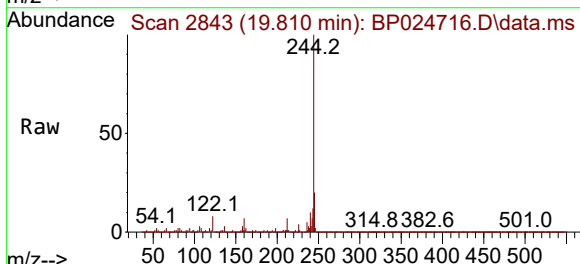
Instrument :
BNA_P
ClientSampleId :
FB-05132025

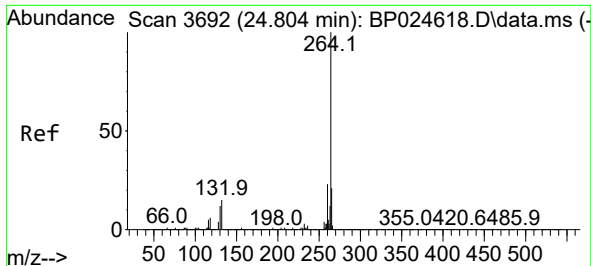
Tgt Ion:240 Resp: 649834
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 85.968 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.000 min
Lab File: BP024716.D
Acq: 20 May 2025 20:42

Tgt Ion:244 Resp: 3257999
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 8.1 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BP024716.D
 Acq: 20 May 2025 20:42

Instrument :
 BNA_P
 ClientSampleId :
 FB-05132025

Tgt Ion:264 Resp: 736394
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 21.7 17.0 25.6

