

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024813.D
 Acq On : 28 May 2025 13:24
 Operator : RC/JU
 Sample : PB168117BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168177BL

Quant Time: May 28 14:07:57 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)

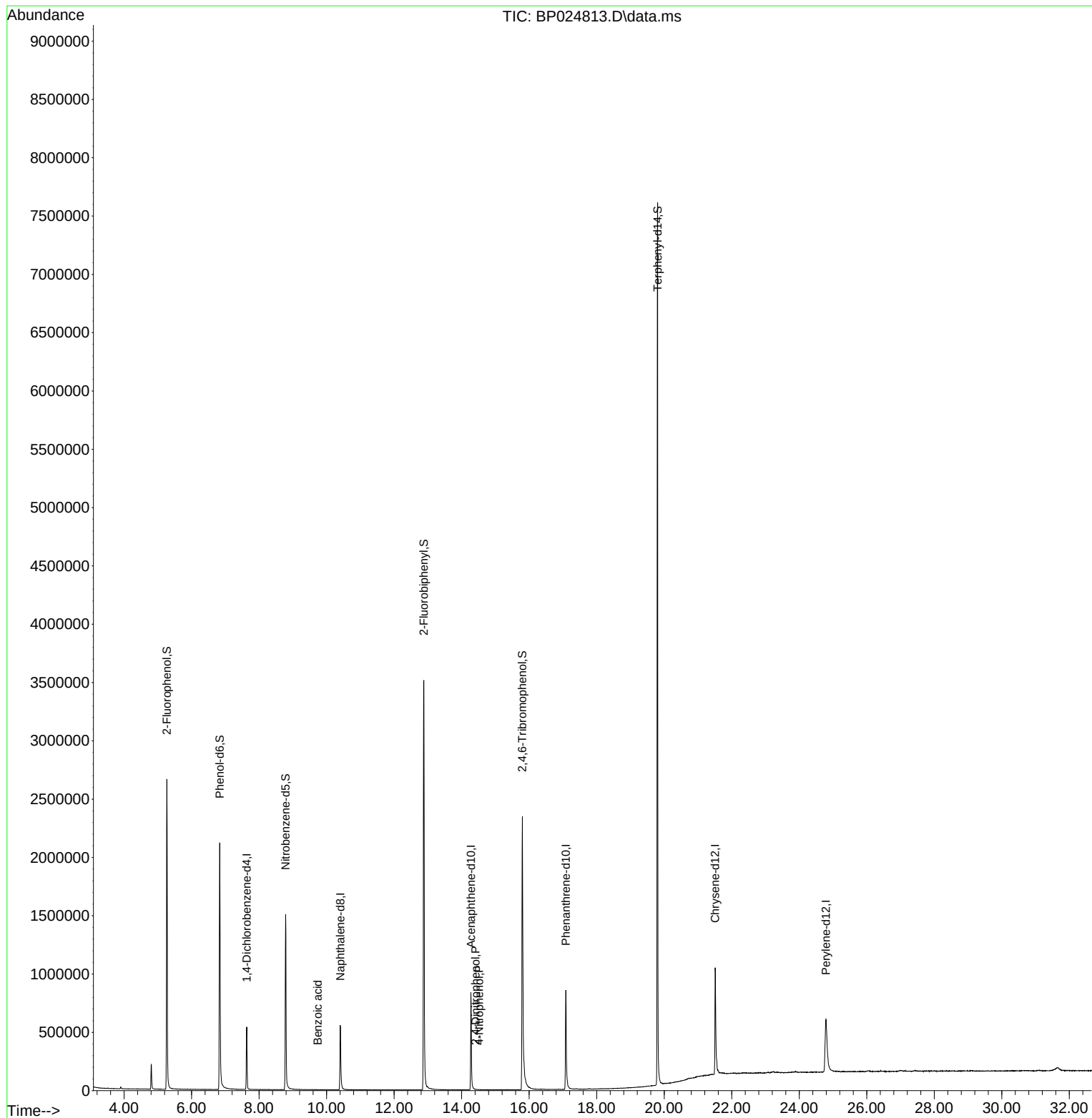
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	148976	20.000	ng	-0.03
21) Naphthalene-d8	10.404	136	541367	20.000	ng	-0.03
39) Acenaphthene-d10	14.275	164	327830	20.000	ng	-0.03
64) Phenanthrene-d10	17.086	188	644287	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	673943	20.000	ng	-0.01
86) Perylene-d12	24.792	264	795063	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	1234902	141.777	ng	-0.02
7) Phenol-d6	6.834	99	1423579	128.059	ng	-0.02
23) Nitrobenzene-d5	8.787	82	875282	81.691	ng	-0.02
42) 2,4,6-Tribromophenol	15.798	330	820739	147.677	ng	-0.01
45) 2-Fluorobiphenyl	12.881	172	2116257	84.573	ng	-0.02
79) Terphenyl-d14	19.804	244	3700328	94.146	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.740	122	33	7.473	ng	# 1
54) 2,4-Dinitrophenol	14.410	184	11	6.404	ng	# 52
56) 4-Nitrophenol	14.516	139	12	4.237	ng	# 48

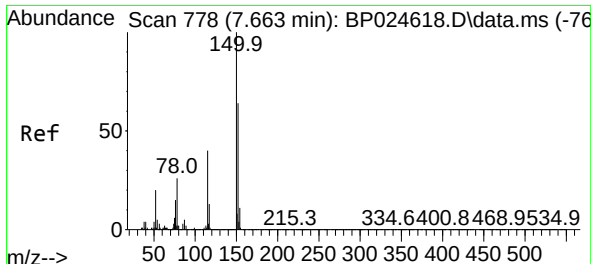
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
Data File : BP024813.D
Acq On : 28 May 2025 13:24
Operator : RC/JU
Sample : PB168117BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168177BL

Quant Time: May 28 14:07:57 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

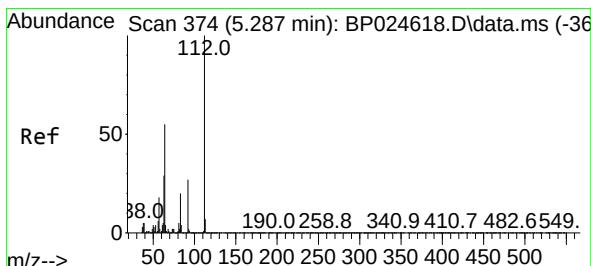
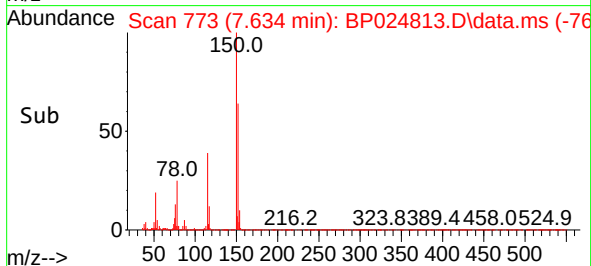
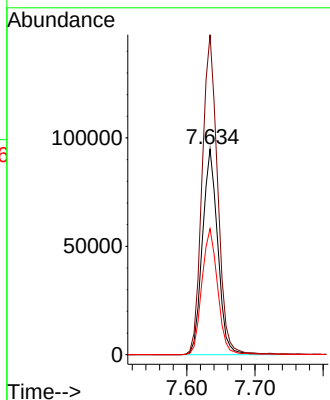
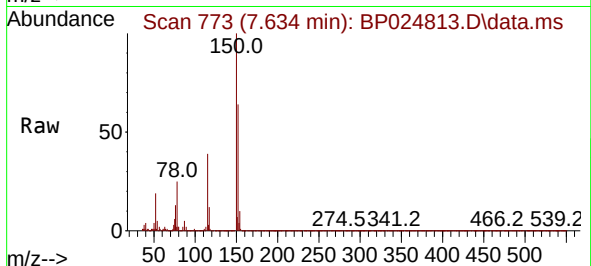




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 71
Delta R.T. -0.029 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

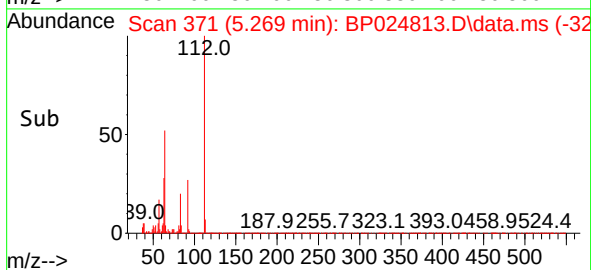
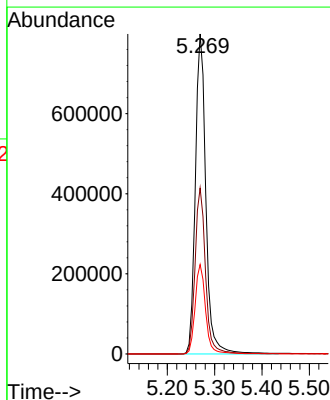
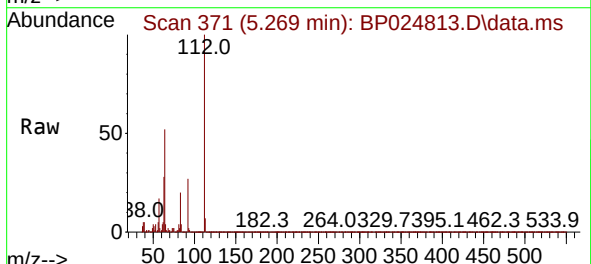
Instrument :
BNA_P
ClientSampleId :
PB168177BL

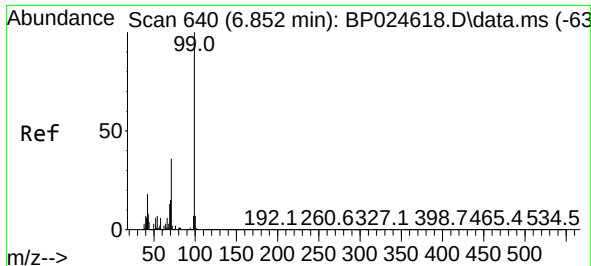
Tgt Ion:152 Resp: 148976
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 61.2 50.1 75.1



#5
2-Fluorophenol
Concen: 141.777 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.018 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion:112 Resp: 1234902
Ion Ratio Lower Upper
112 100
64 51.8 44.1 66.1
63 28.0 23.5 35.3

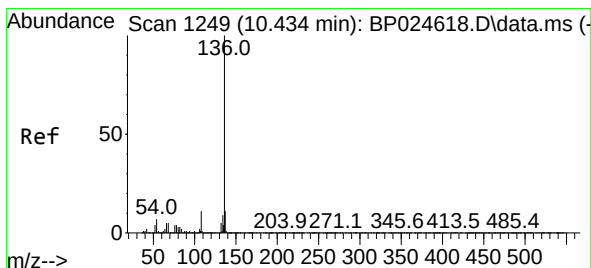
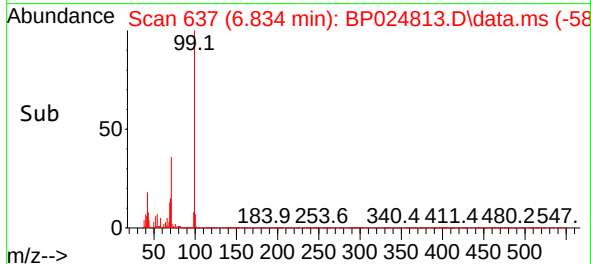
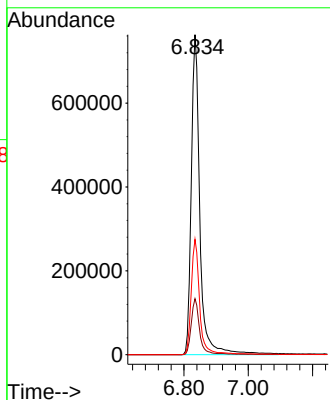
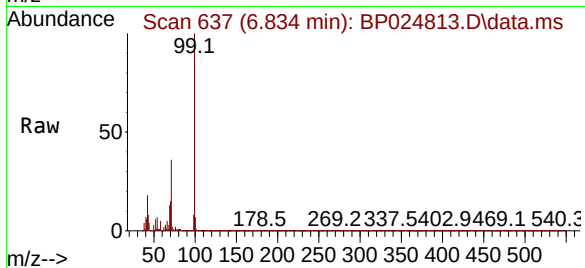




#7
Phenol-d6
Concen: 128.059 ng
RT: 6.834 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

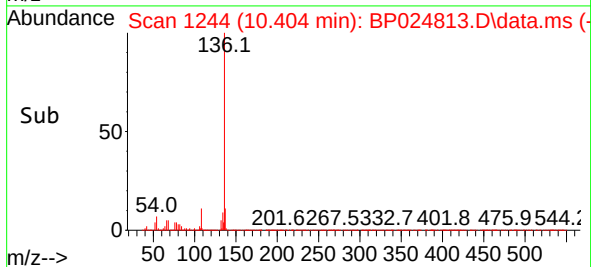
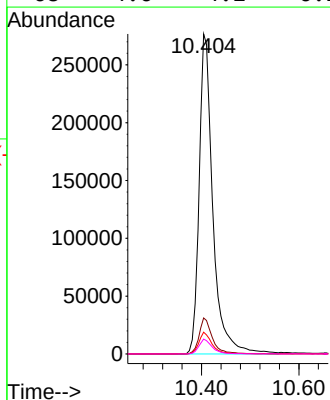
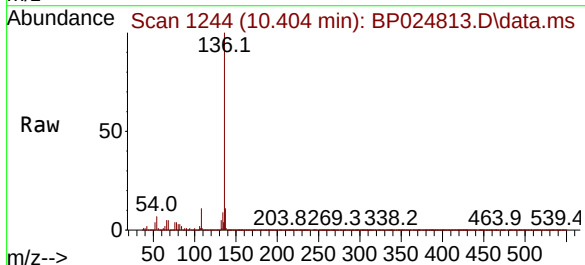
Instrument :
BNA_P
ClientSampleId :
PB168177BL

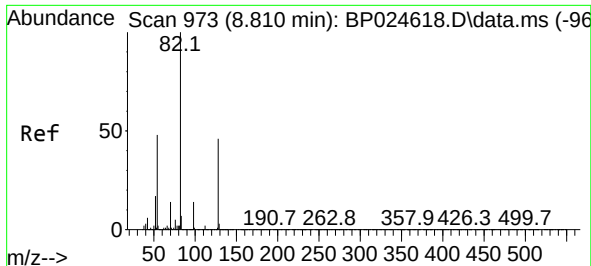
Tgt Ion: 99 Resp: 1423579
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.030 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion:136 Resp: 541367
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.8 5.5 8.3
68 4.6 4.2 6.2

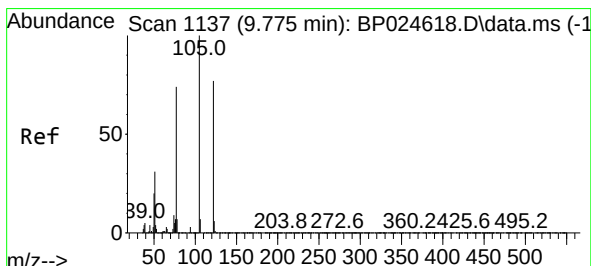
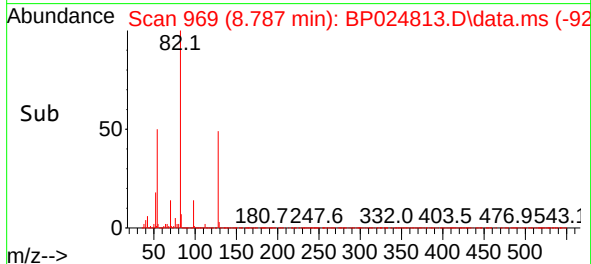
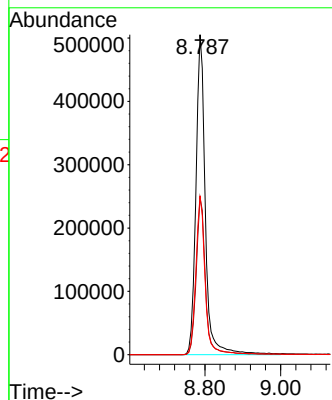
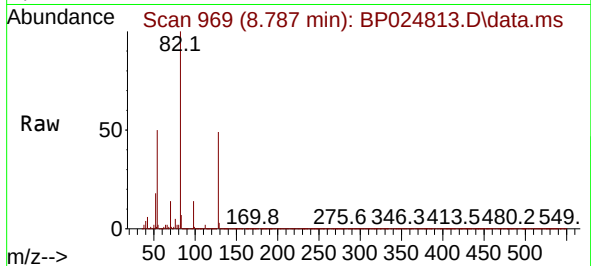




#23
Nitrobenzene-d5
Concen: 81.691 ng
RT: 8.787 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

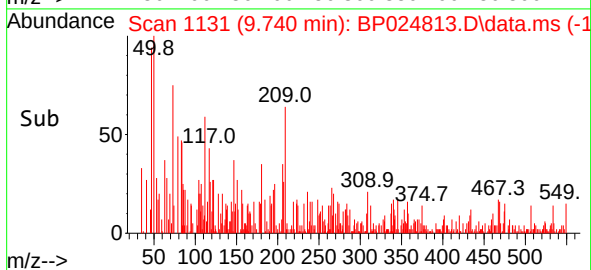
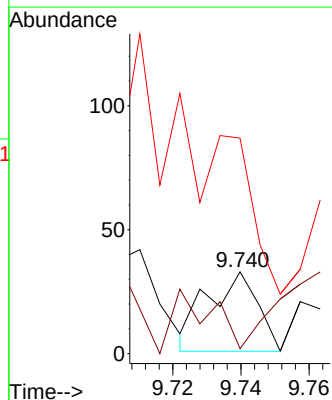
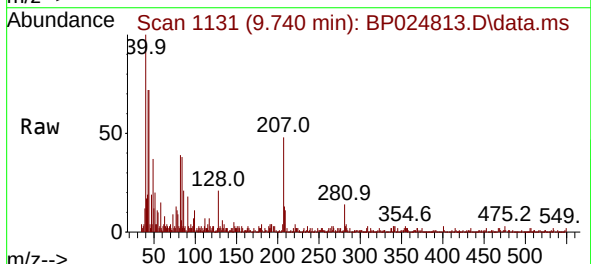
Instrument :
BNA_P
ClientSampleId :
PB168177BL

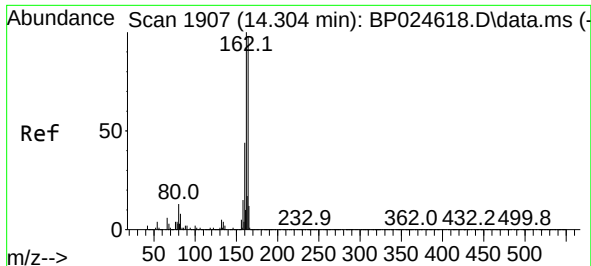
Tgt Ion: 82 Resp: 875282
Ion Ratio Lower Upper
82 100
128 49.1 37.0 55.4
54 49.7 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.740 min Scan# 1131
Delta R.T. -0.035 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion: 122 Resp: 33
Ion Ratio Lower Upper
122 100
105 6.1 106.9 146.9#
77 263.6 75.1 115.1#

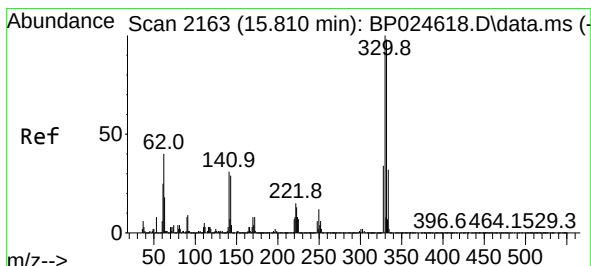
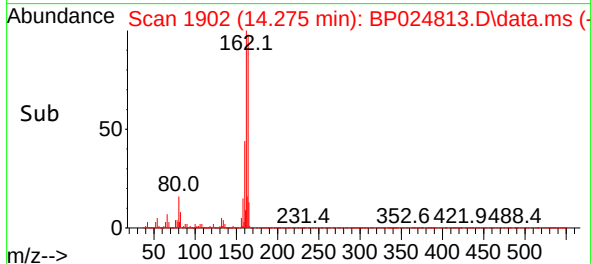
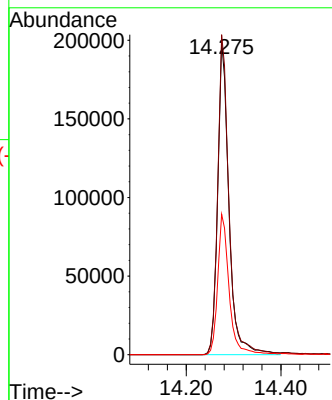
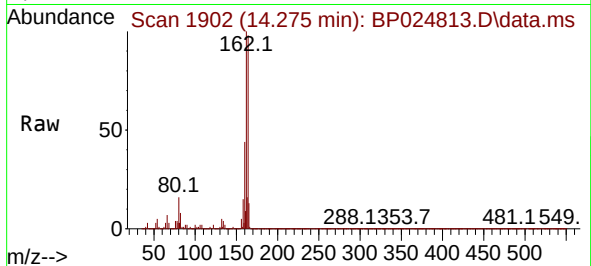




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1907
Delta R.T. -0.029 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

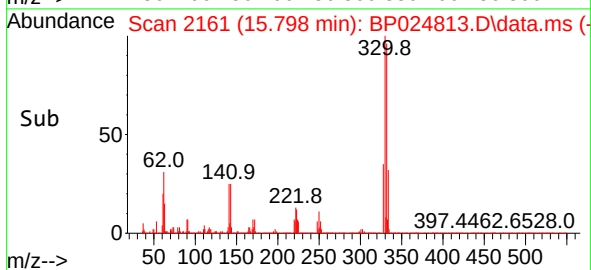
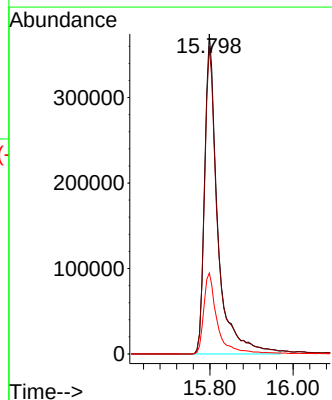
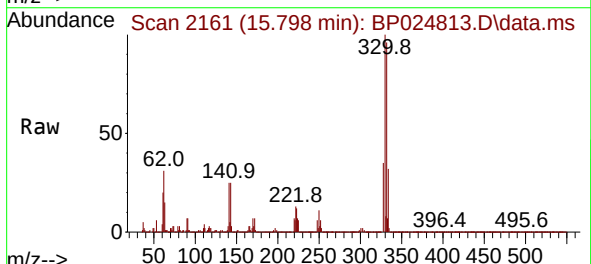
Instrument :
BNA_P
ClientSampleId :
PB168177BL

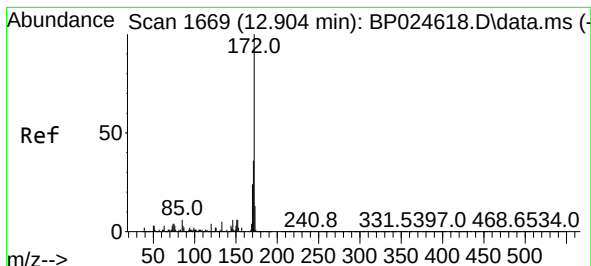
Tgt Ion:164 Resp: 327830
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 44.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 147.677 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion:330 Resp: 820739
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 26.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 84.573 ng

RT: 12.881 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

PB168177BL

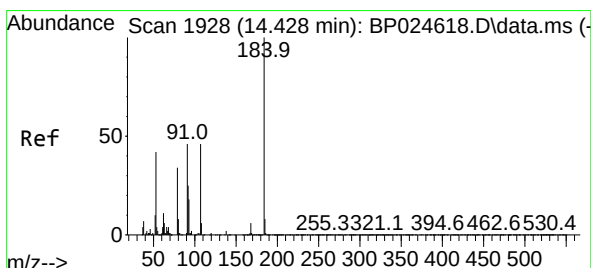
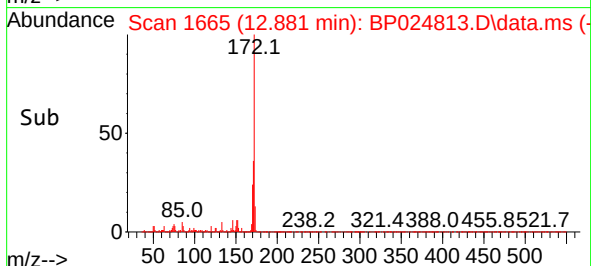
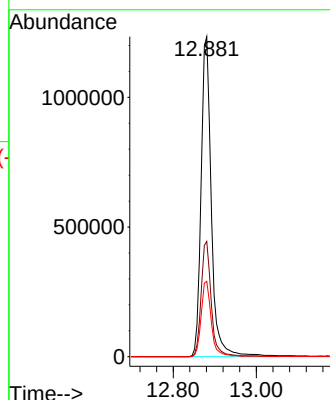
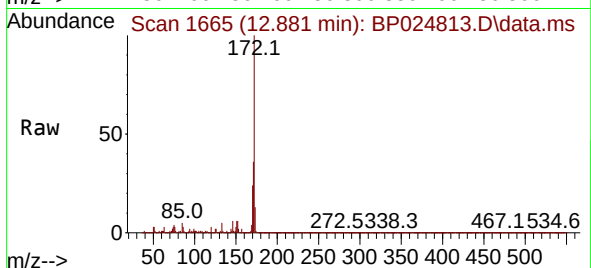
Tgt Ion:172 Resp: 2116257

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.410 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

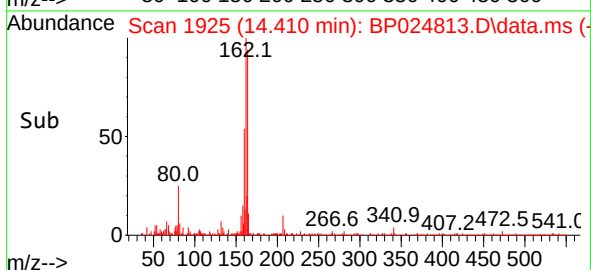
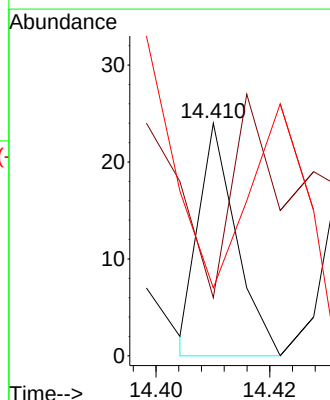
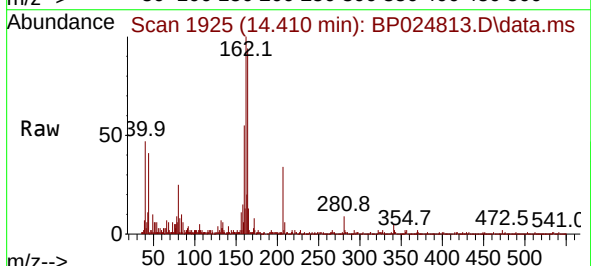
Tgt Ion:184 Resp: 11

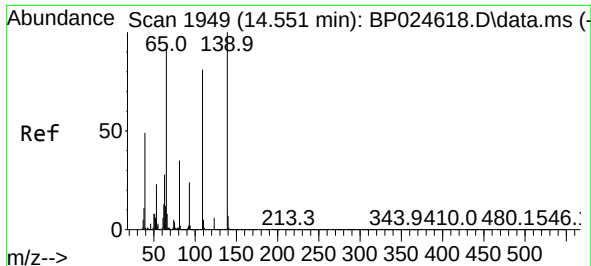
Ion Ratio Lower Upper

184 100

63 25.0 51.3 76.9#

154 29.2 53.5 80.3#

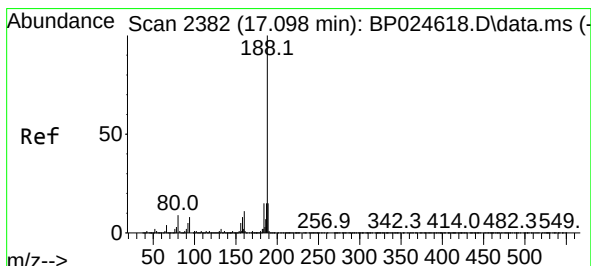
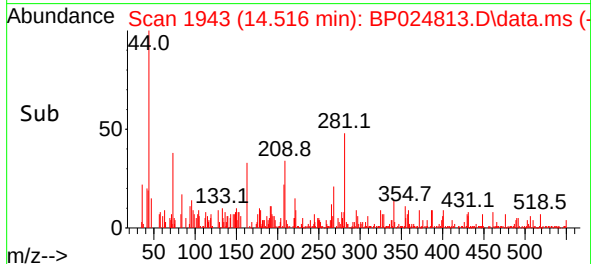
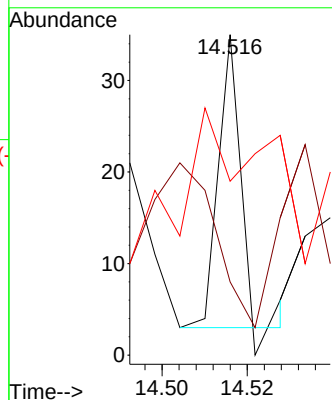
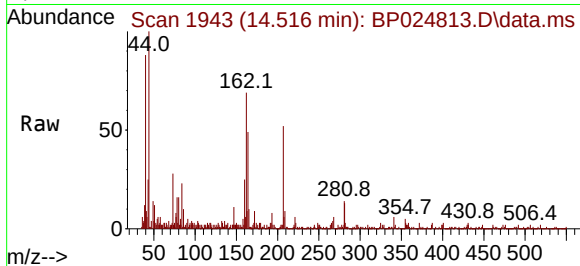




#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.035 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

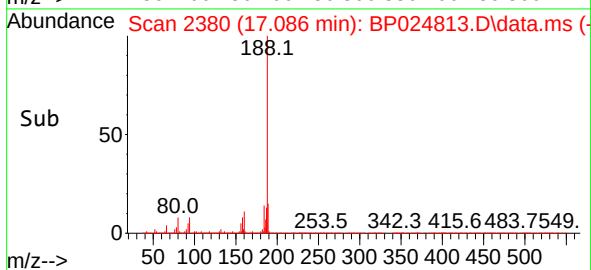
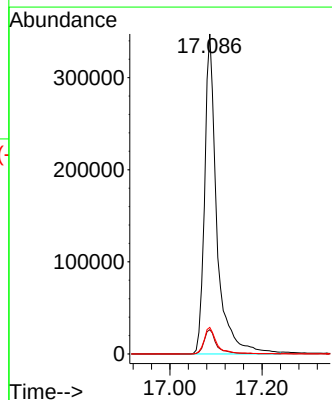
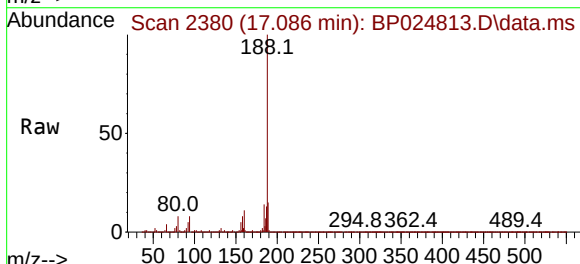
Instrument :
BNA_P
ClientSampleId :
PB168177BL

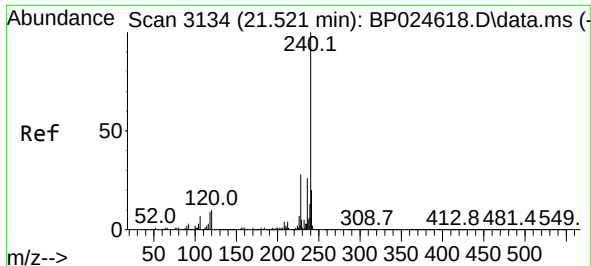
Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 22.9 61.4 101.4#
65 54.3 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion:188 Resp: 644287
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.3 7.3 10.9

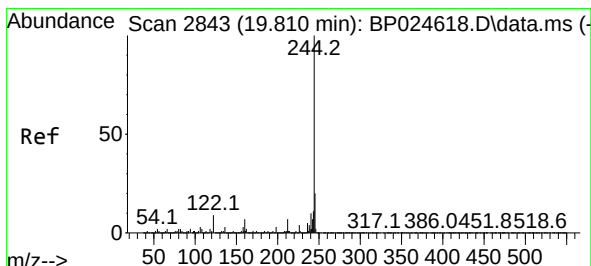
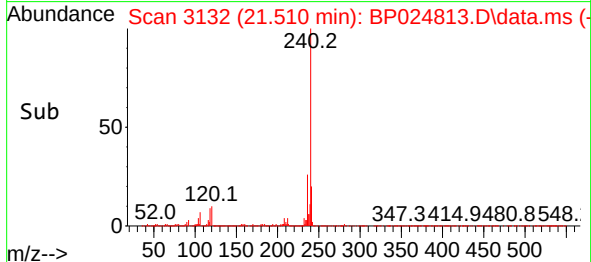
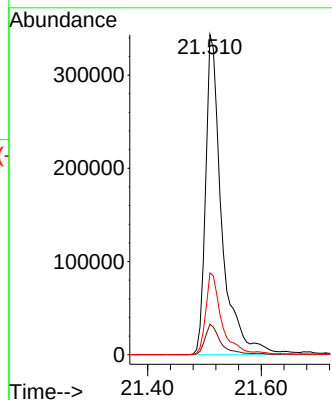
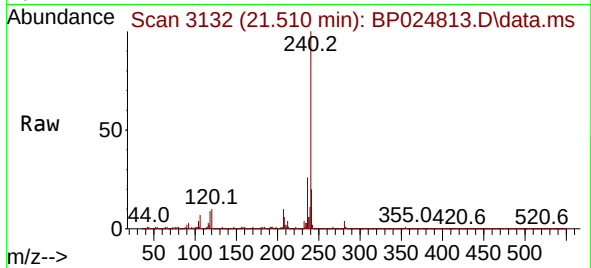




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

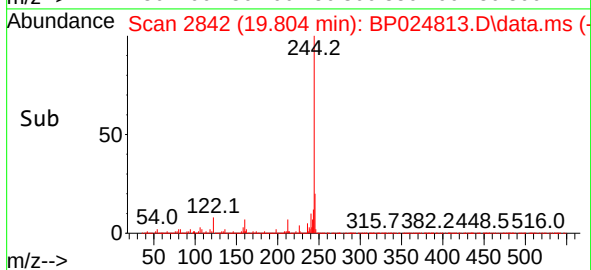
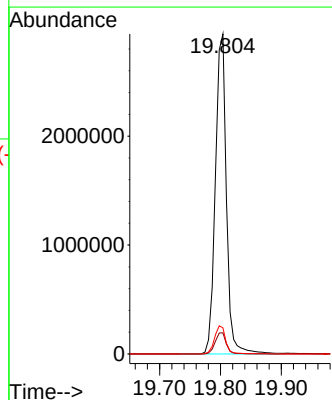
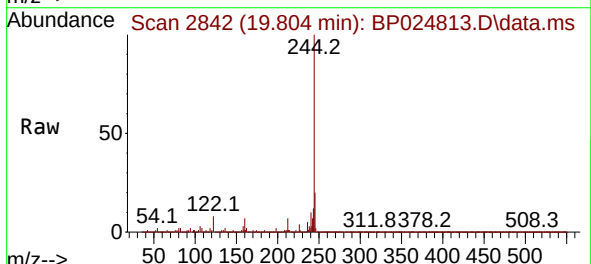
Instrument :
BNA_P
ClientSampleId :
PB168177BL

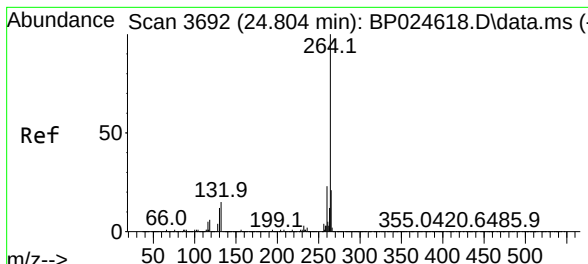
Tgt Ion:240 Resp: 673943
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 94.146 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion:244 Resp: 3700328
Ion Ratio Lower Upper
244 100
212 6.6 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: BP024813.D
 Acq: 28 May 2025 13:24

Instrument :
 BNA_P
 ClientSampleId :
 PB168177BL

Tgt Ion:	264	Resp:	795063
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.7	28.1
265	22.1	17.0	25.6

