

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024939.D
 Acq On : 13 Jun 2025 11:23
 Operator : RC/JU
 Sample : PB168437BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168437BL

Quant Time: Jun 13 12:07:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

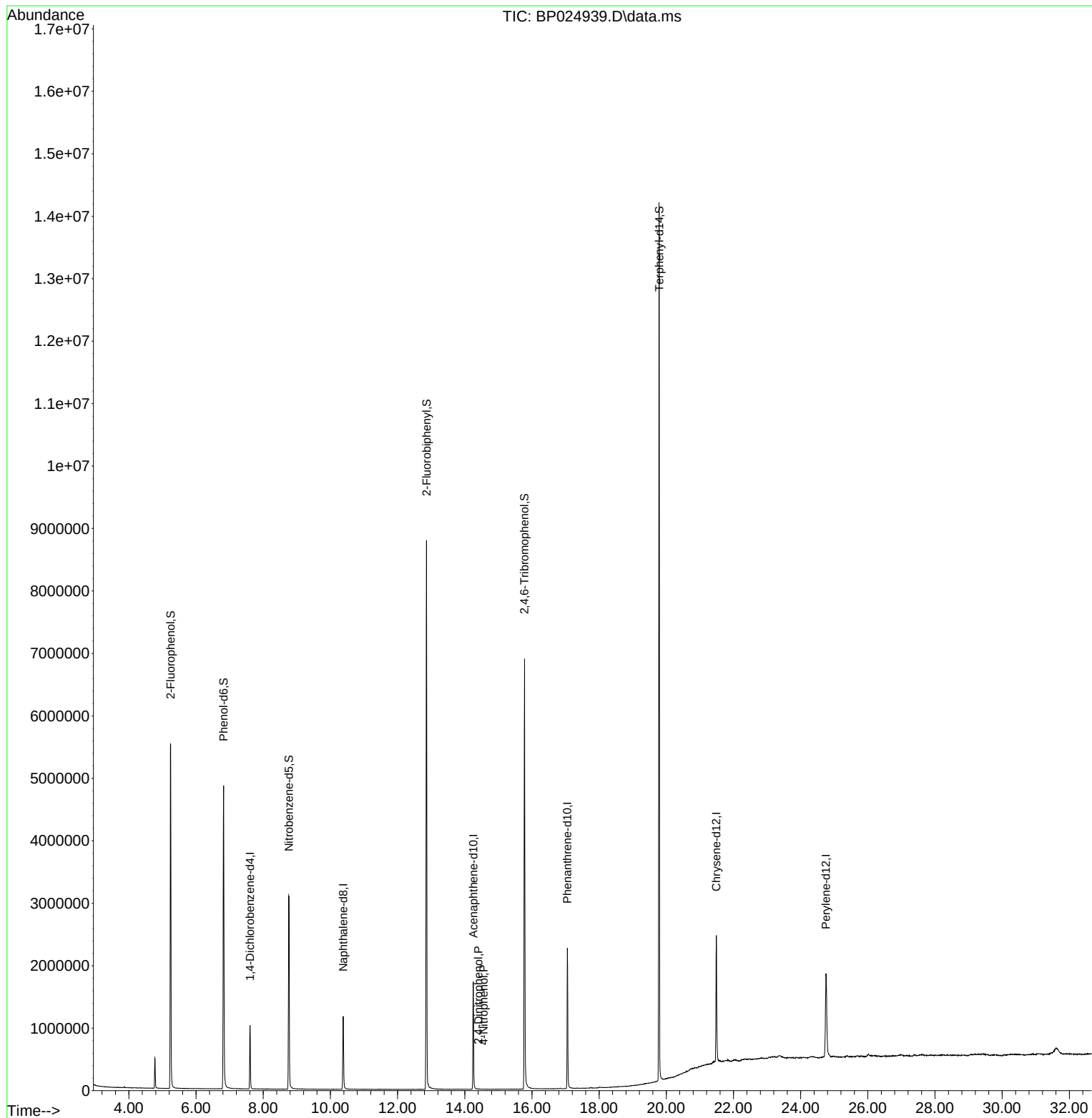
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	274334	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1046404	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	653672	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1304490	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1274406	20.000	ng	0.00
86) Perylene-d12	24.754	264	1474268	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2551476	155.246	ng	0.00
7) Phenol-d6	6.819	99	3124700	143.696	ng	0.00
23) Nitrobenzene-d5	8.760	82	1934875	89.852	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1546217	171.091	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4514889	93.045	ng	0.00
79) Terphenyl-d14	19.789	244	6901924	97.065	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	14.407	184	7	5.564	ng	Qvalue # 1
56) 4-Nitrophenol	14.566	139	153	5.425	ng	92

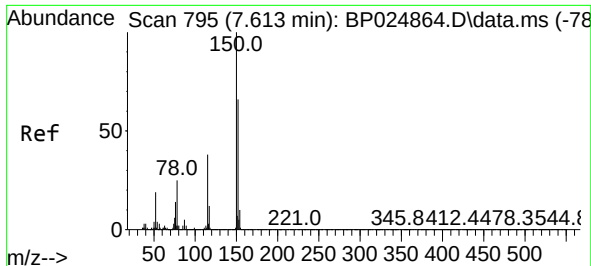
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024939.D
Acq On : 13 Jun 2025 11:23
Operator : RC/JU
Sample : PB168437BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168437BL

Quant Time: Jun 13 12:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

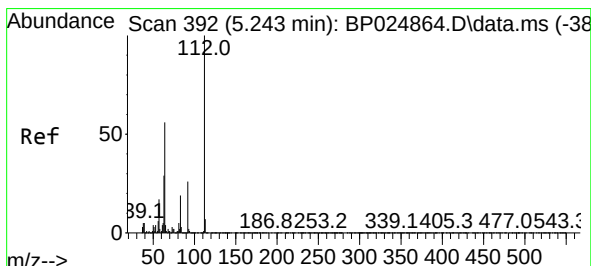
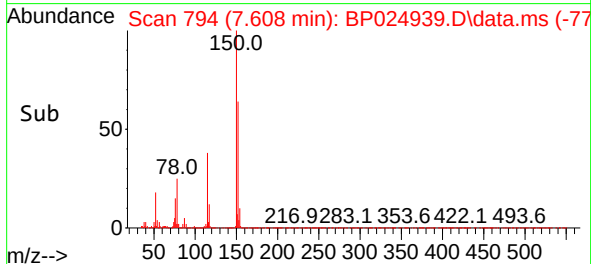
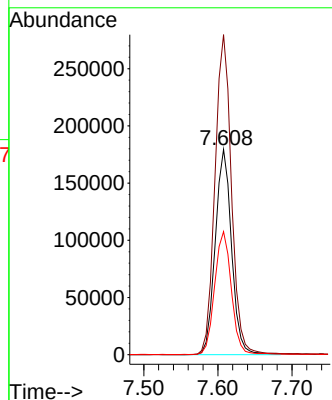
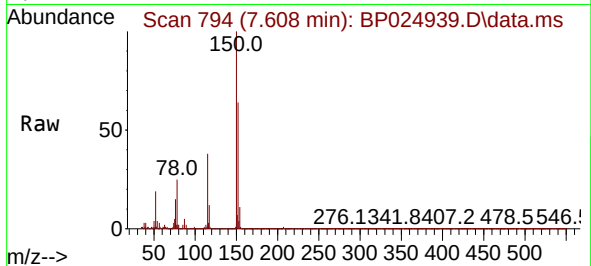




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

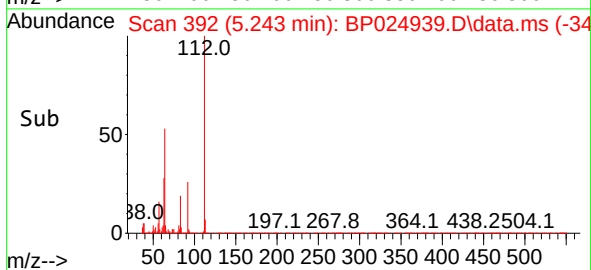
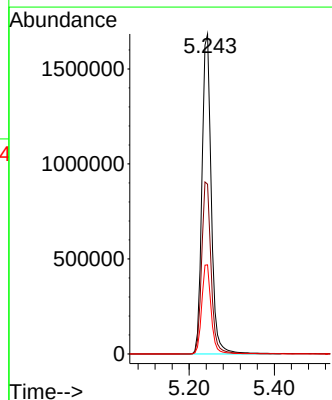
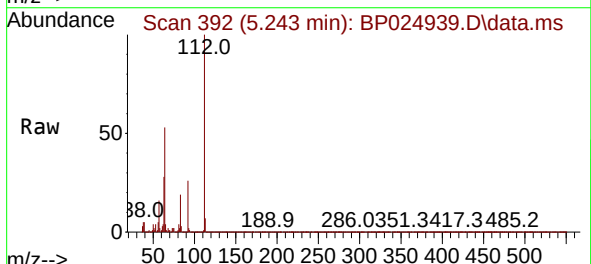
Instrument :
BNA_P
ClientSampleId :
PB168437BL

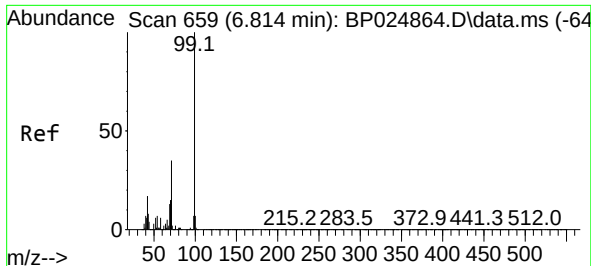
Tgt Ion:152 Resp: 274334
Ion Ratio Lower Upper
152 100
150 155.9 122.1 183.1
115 60.0 46.4 69.6



#5
2-Fluorophenol
Concen: 155.246 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

Tgt Ion:112 Resp: 2551476
Ion Ratio Lower Upper
112 100
64 53.1 44.7 67.1
63 27.8 23.5 35.3

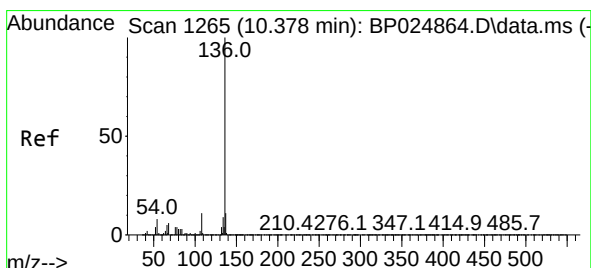
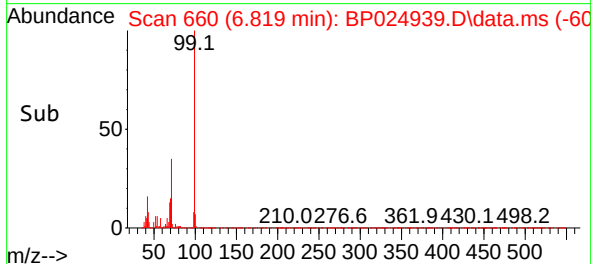
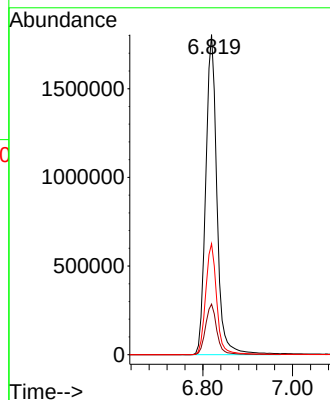
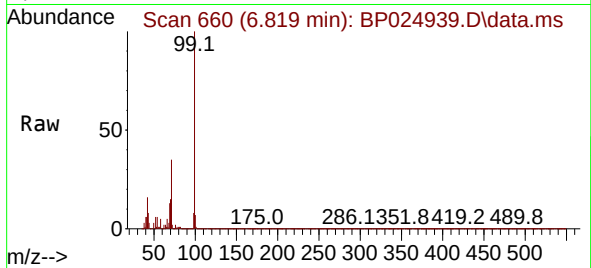




#7
Phenol-d6
Concen: 143.696 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

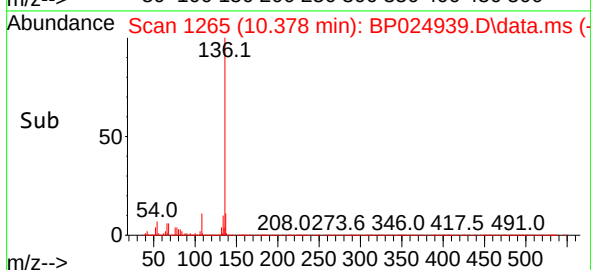
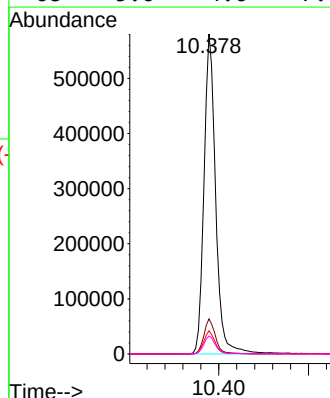
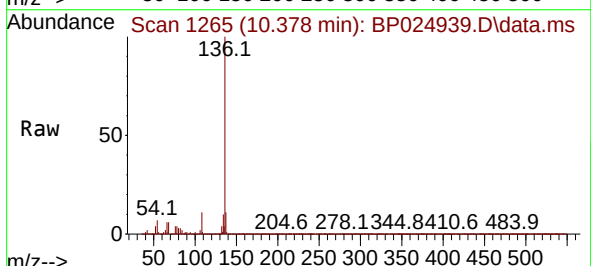
Instrument :
BNA_P
ClientSampleId :
PB168437BL

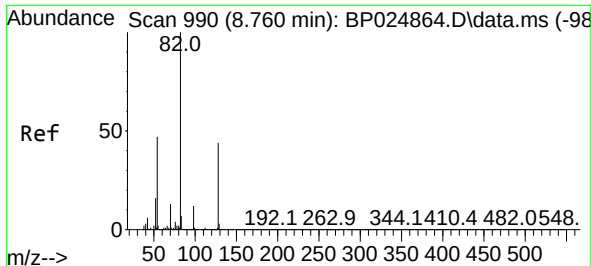
Tgt Ion: 99 Resp: 3124700
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 34.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

Tgt Ion:136 Resp: 1046404
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 6.1 9.1
68 5.6 4.6 7.0

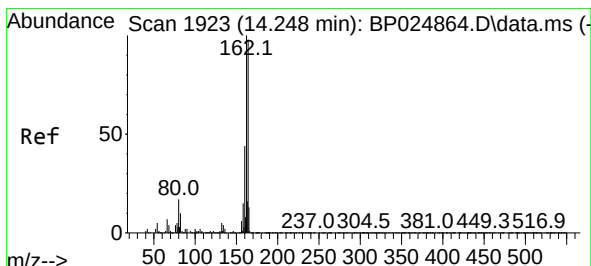
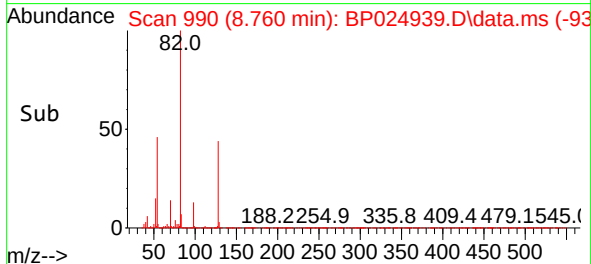
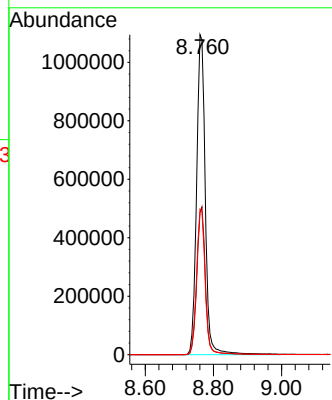
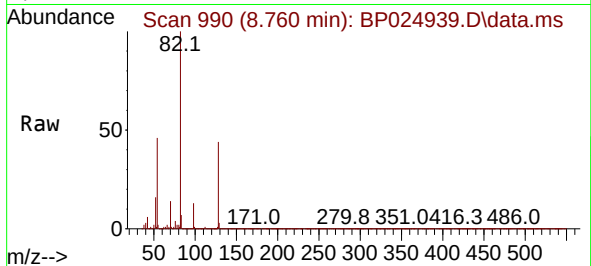




#23
Nitrobenzene-d5
Concen: 89.852 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

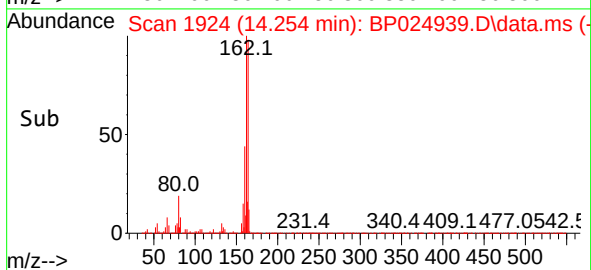
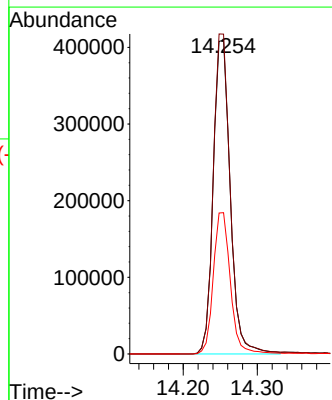
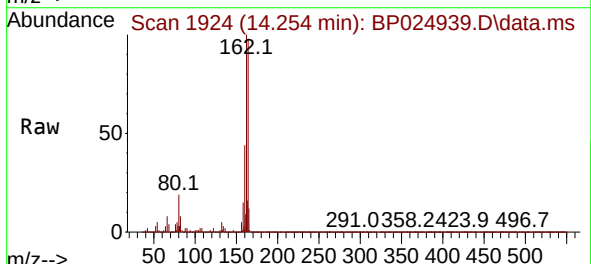
Instrument :
BNA_P
ClientSampleId :
PB168437BL

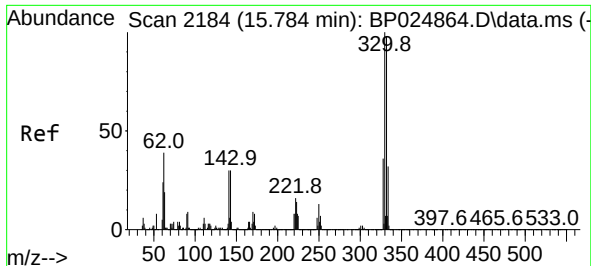
Tgt Ion: 82 Resp: 1934875
Ion Ratio Lower Upper
82 100
128 44.4 35.3 52.9
54 45.5 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

Tgt Ion:164 Resp: 653672
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 45.0 36.2 54.2

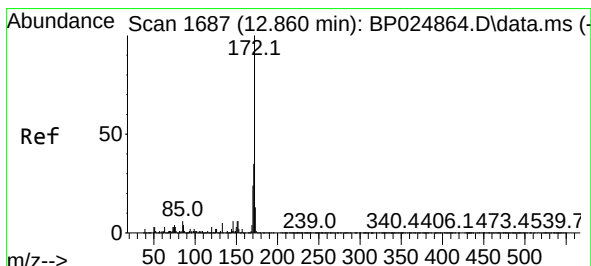
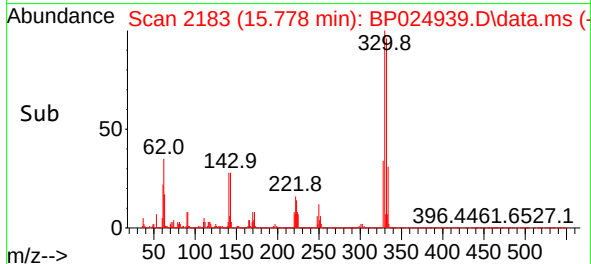
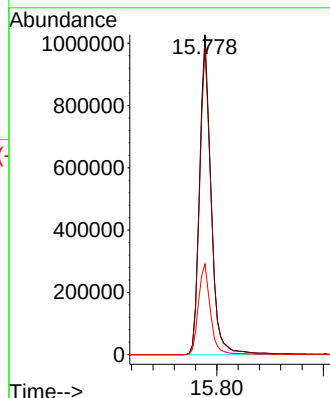
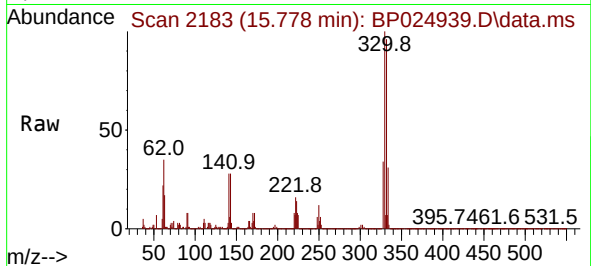




#42
2,4,6-Tribromophenol
Concen: 171.091 ng
RT: 15.778 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

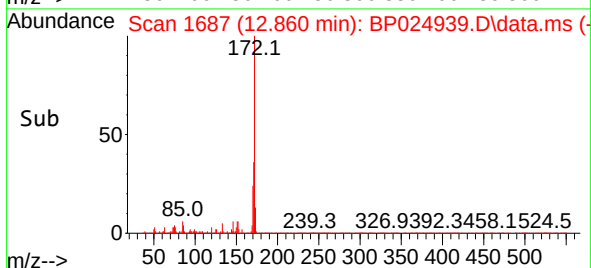
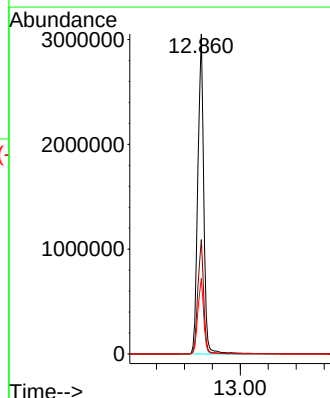
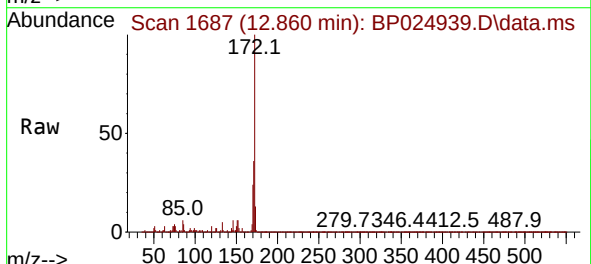
Instrument :
BNA_P
ClientSampleId :
PB168437BL

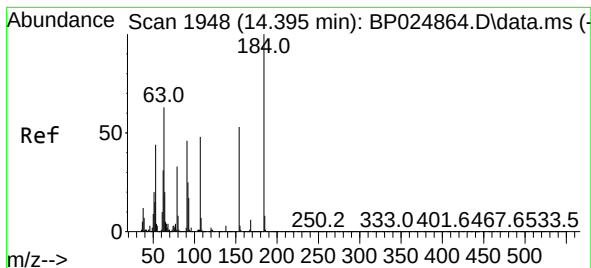
Tgt Ion:330 Resp: 1546217
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 29.4 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 93.045 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

Tgt Ion:172 Resp: 4514889
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.564 ng

RT: 14.407 min Scan# 1948

Delta R.T. 0.012 min

Lab File: BP024939.D

Acq: 13 Jun 2025 11:23

Instrument :

BNA_P

ClientSampleId :

PB168437BL

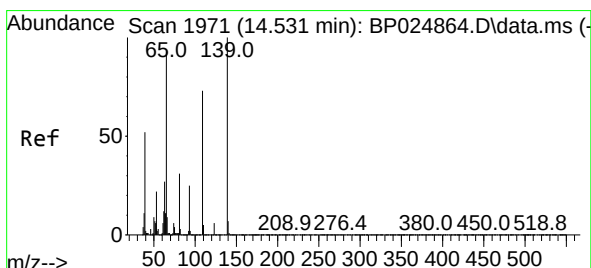
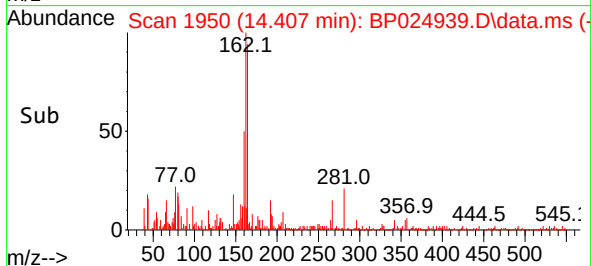
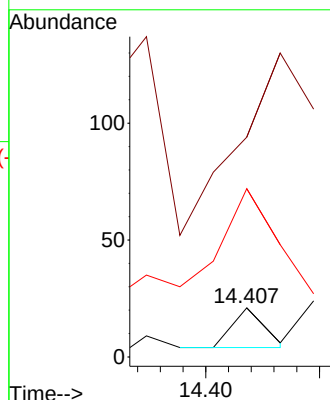
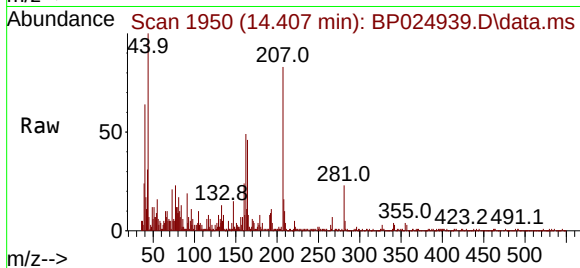
Tgt Ion:184 Resp: 7

Ion Ratio Lower Upper

184 100

63 447.6 51.0 76.4#

154 342.9 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.425 ng

RT: 14.566 min Scan# 1977

Delta R.T. 0.035 min

Lab File: BP024939.D

Acq: 13 Jun 2025 11:23

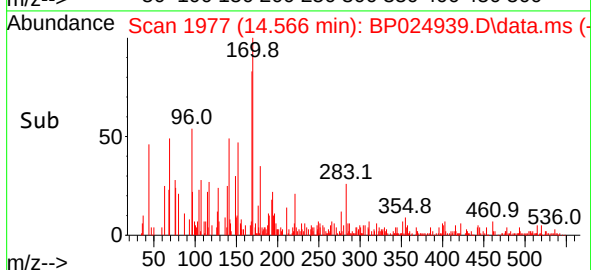
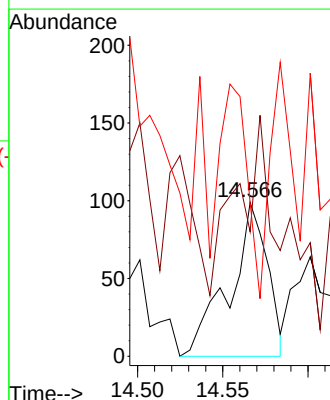
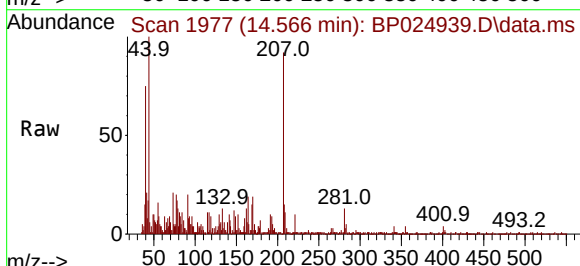
Tgt Ion:139 Resp: 153

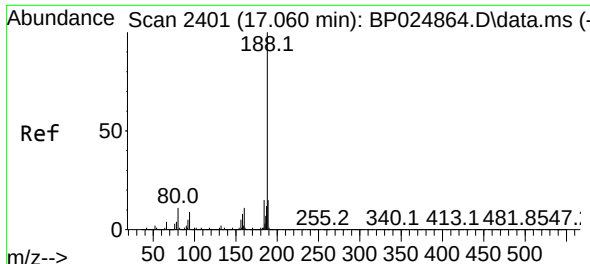
Ion Ratio Lower Upper

139 100

109 80.8 53.1 93.1

65 100.0 73.0 113.0

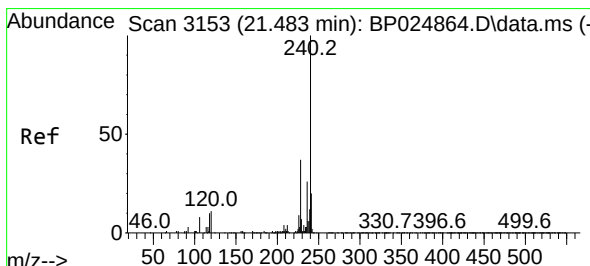
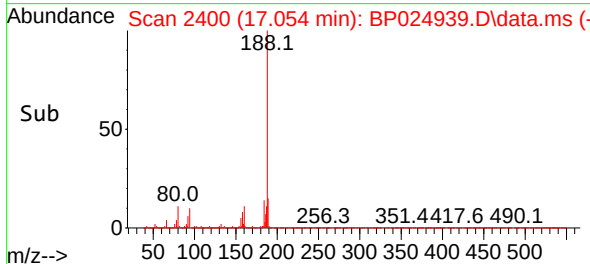
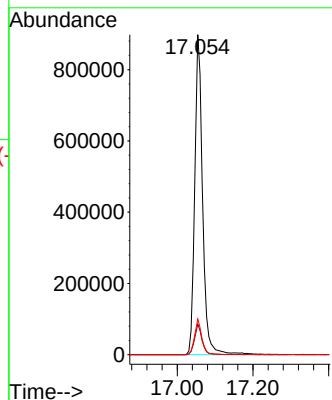
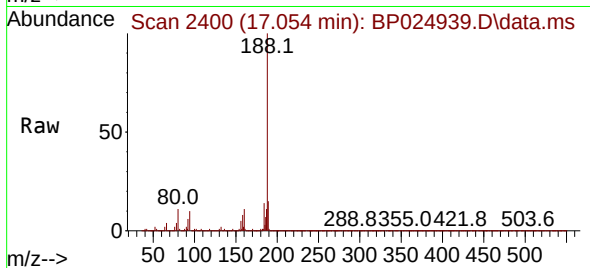




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

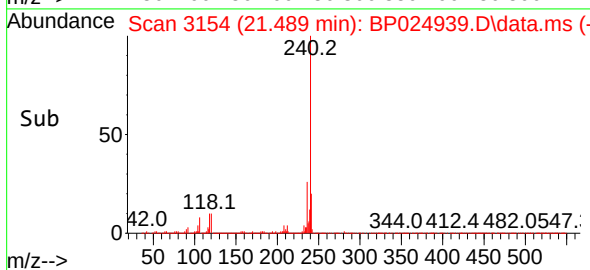
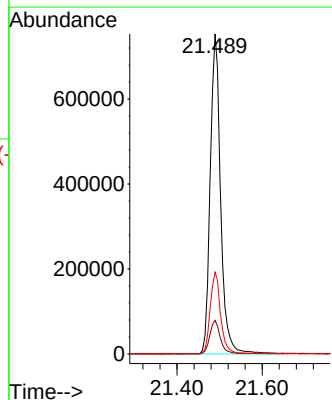
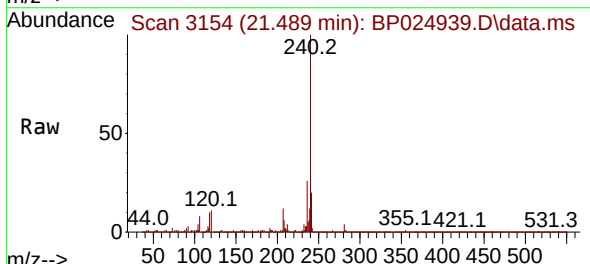
Instrument :
BNA_P
ClientSampleId :
PB168437BL

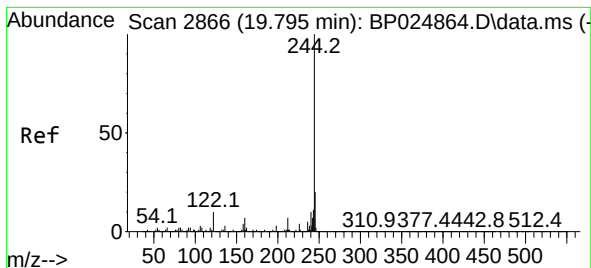
Tgt Ion:188 Resp: 1304490
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 11.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024939.D
Acq: 13 Jun 2025 11:23

Tgt Ion:240 Resp: 1274406
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 97.065 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024939.D

Acq: 13 Jun 2025 11:23

Instrument :

BNA_P

ClientSampleId :

PB168437BL

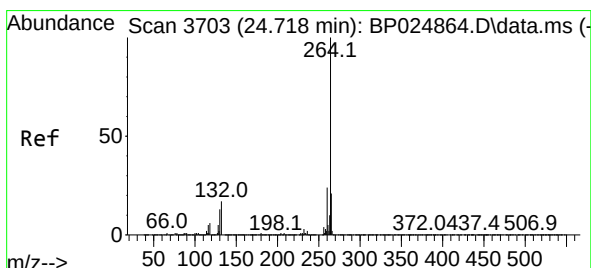
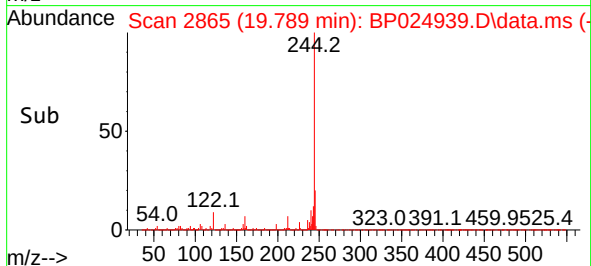
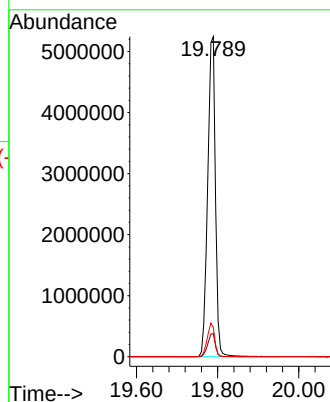
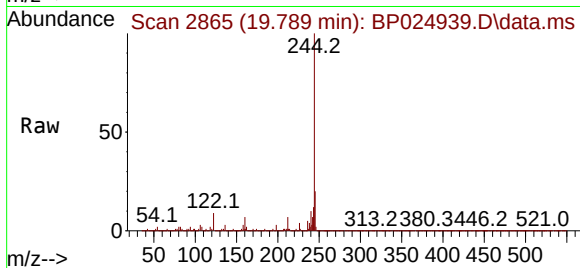
Tgt Ion:244 Resp: 6901924

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.035 min

Lab File: BP024939.D

Acq: 13 Jun 2025 11:23

Tgt Ion:264 Resp: 1474268

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 22.7 17.4 26.0

