

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
 Data File : BP025354.D
 Acq On : 11 Aug 2025 18:53
 Operator : CG/JU
 Sample : Q2795-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: Aug 12 01:00:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

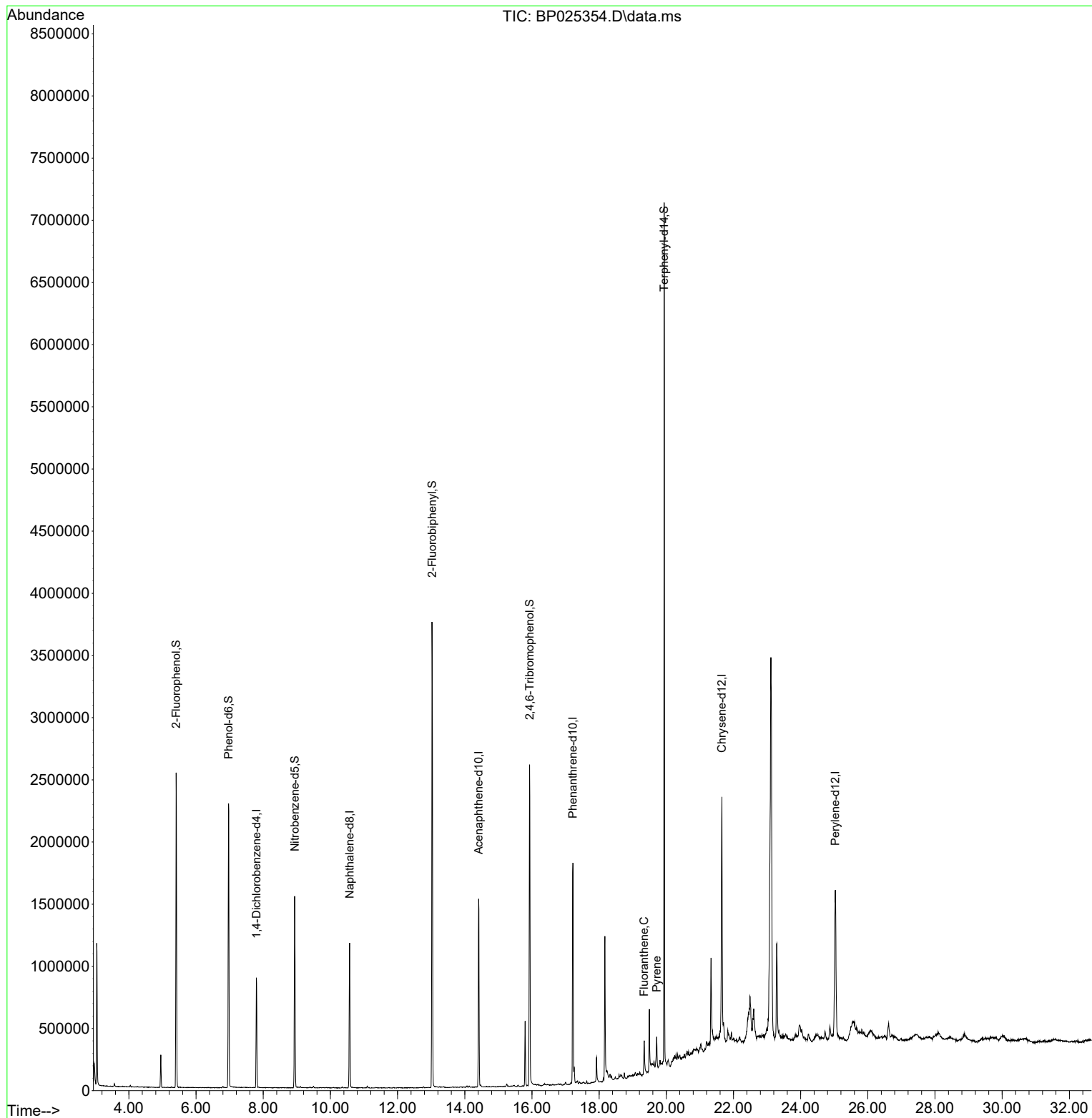
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	253745	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	980792	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	574975	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1110383	20.000	ng	0.00
76) Chrysene-d12	21.654	240	1168731	20.000	ng	0.00
86) Perylene-d12	25.030	264	1336532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1126772	71.420	ng	0.00
7) Phenol-d6	6.967	99	1398693	67.364	ng	0.00
23) Nitrobenzene-d5	8.937	82	883296	49.894	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	538717	93.918	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2007144	48.216	ng	0.00
79) Terphenyl-d14	19.936	244	2826010	45.671	ng	0.00
Target Compounds						
75) Fluoranthene	19.342	202	169751	2.411	ng	96
78) Pyrene	19.713	202	162496	2.091	ng	99

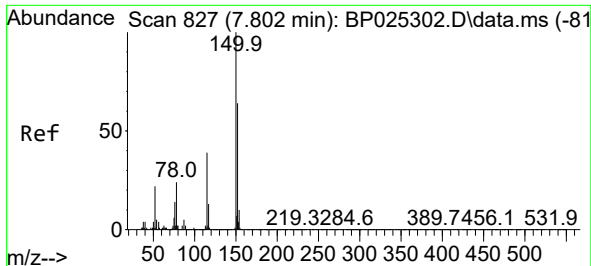
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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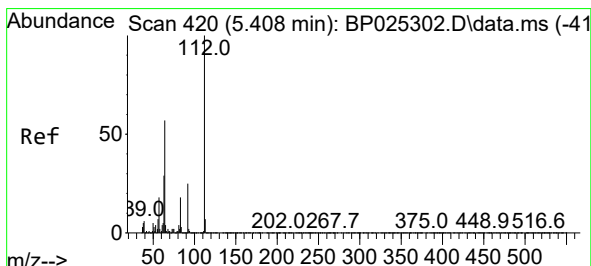
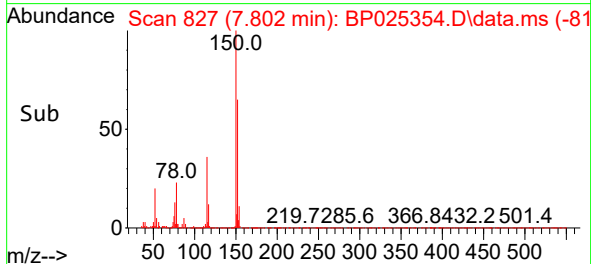
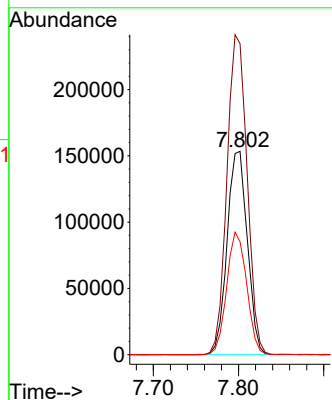
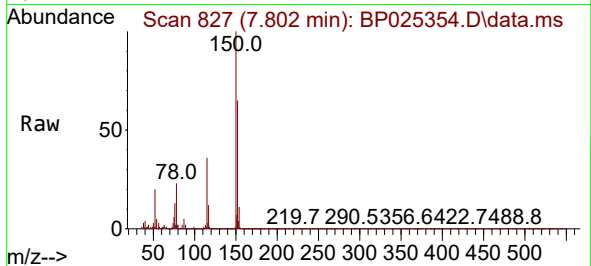




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025354.D
 Acq: 11 Aug 2025 18:53

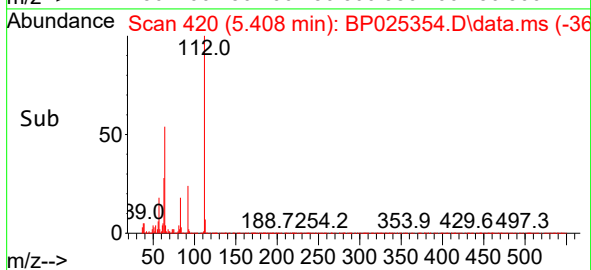
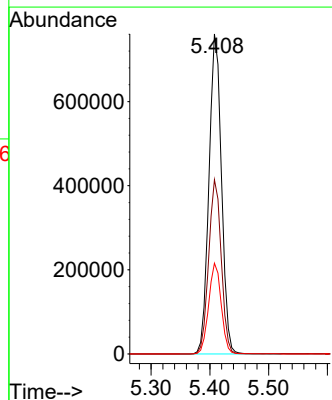
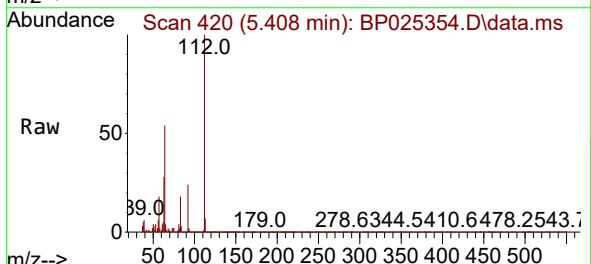
Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

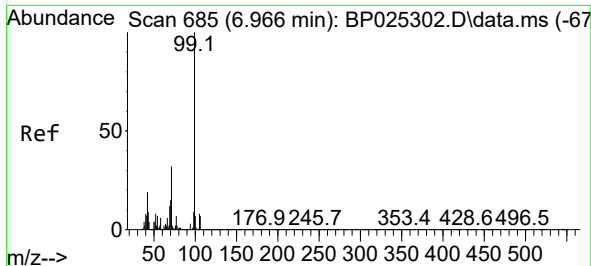
Tgt Ion:152 Resp: 253745
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.1 187.7
 115 55.5 48.4 72.6



#5
 2-Fluorophenol
 Concen: 71.420 ng
 RT: 5.408 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025354.D
 Acq: 11 Aug 2025 18:53

Tgt Ion:112 Resp: 1126772
 Ion Ratio Lower Upper
 112 100
 64 54.5 45.3 67.9
 63 28.3 23.0 34.6

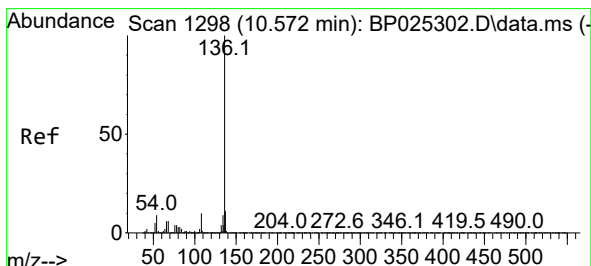
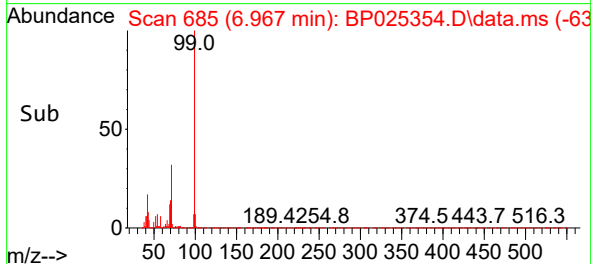
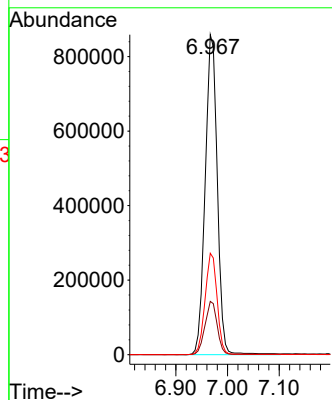
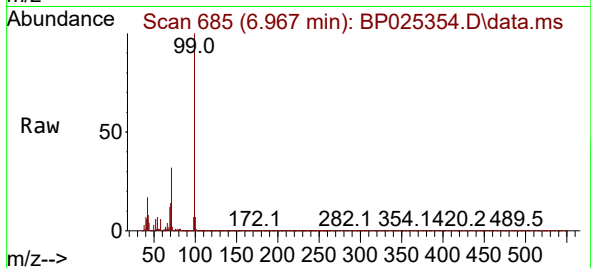




#7
Phenol-d6
Concen: 67.364 ng
RT: 6.967 min Scan# 61
Delta R.T. 0.001 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

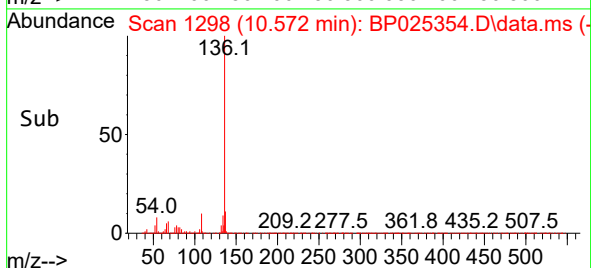
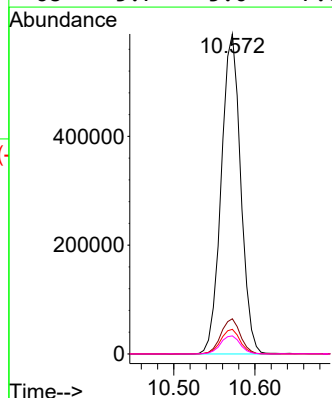
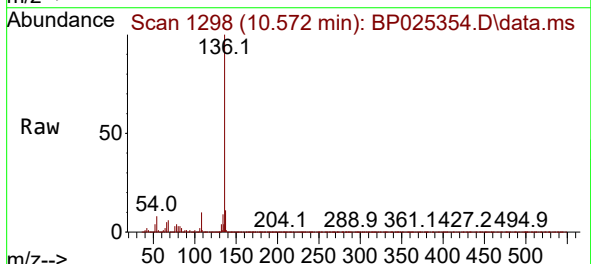
Instrument :
BNA_P
ClientSampleId :
COMP-2

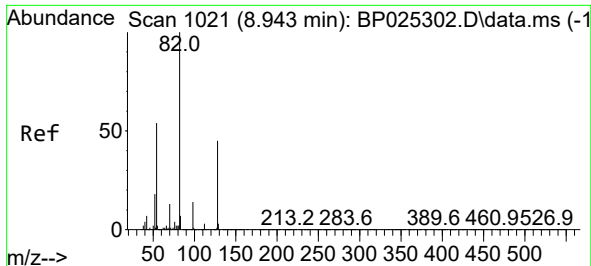
Tgt Ion: 99 Resp: 1398693
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 31.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:136 Resp: 980792
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 7.0 10.6
68 5.7 5.0 7.6

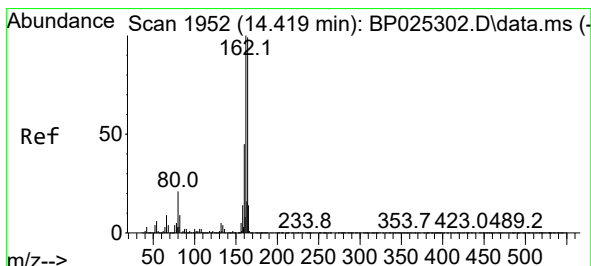
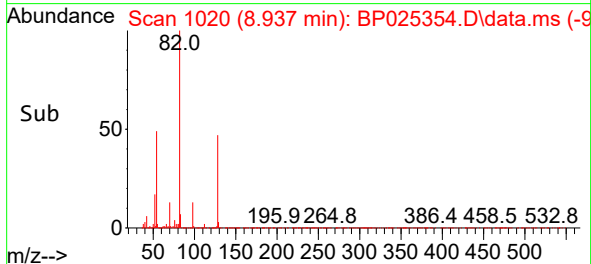
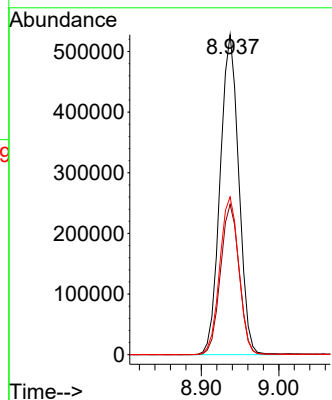
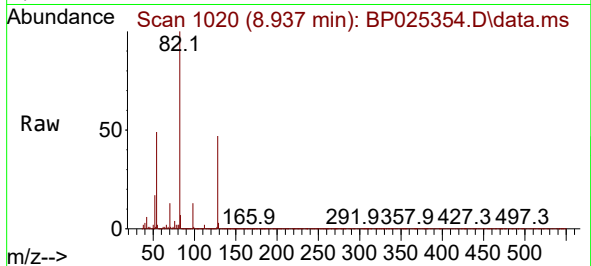




#23
Nitrobenzene-d5
Concen: 49.894 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

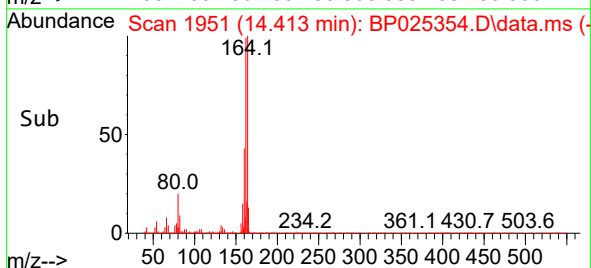
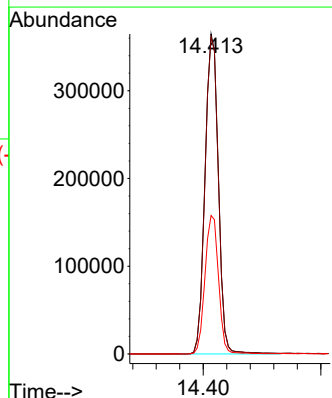
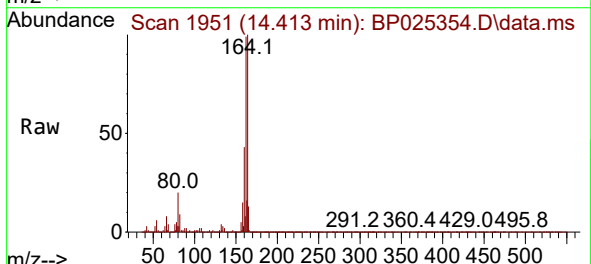
Instrument :
BNA_P
ClientSampleId :
COMP-2

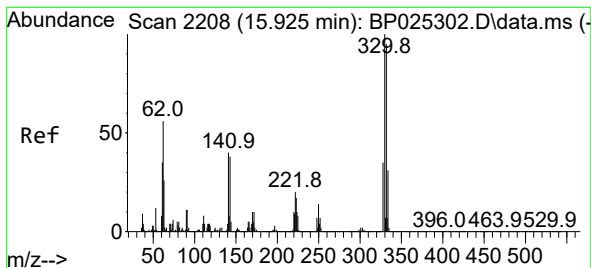
Tgt Ion: 82 Resp: 883296
Ion Ratio Lower Upper
82 100
128 47.0 35.4 53.2
54 49.3 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:164 Resp: 574975
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 43.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 93.918 ng

RT: 15.931 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025354.D

Acq: 11 Aug 2025 18:53

Instrument :

BNA_P

ClientSampleId :

COMP-2

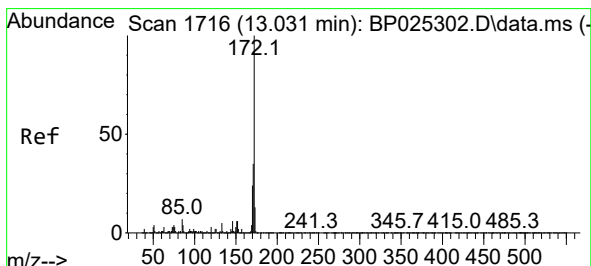
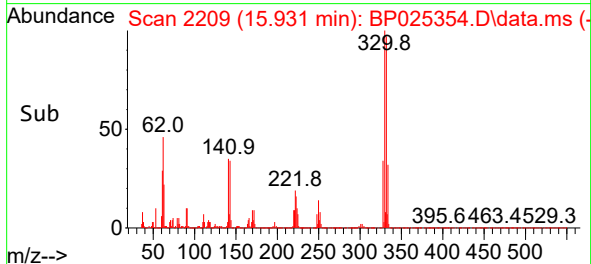
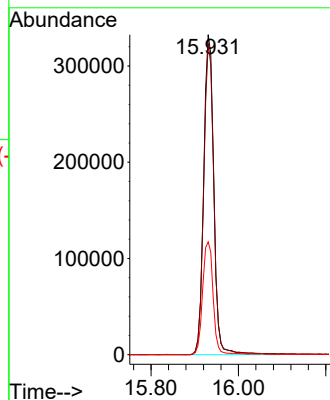
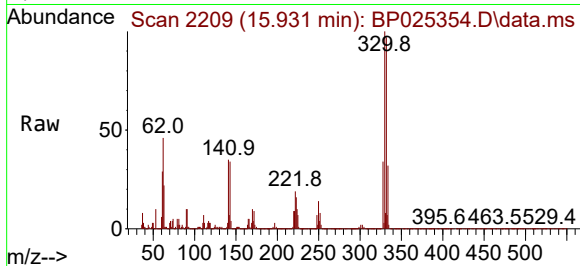
Tgt Ion:330 Resp: 538717

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 36.5 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 48.216 ng

RT: 13.025 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP025354.D

Acq: 11 Aug 2025 18:53

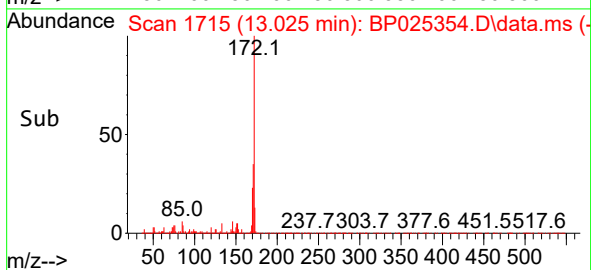
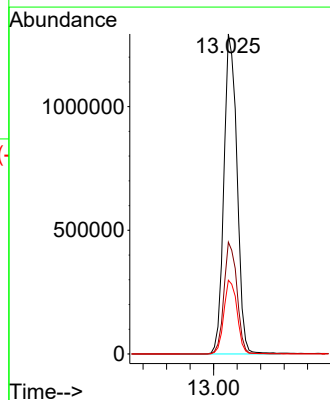
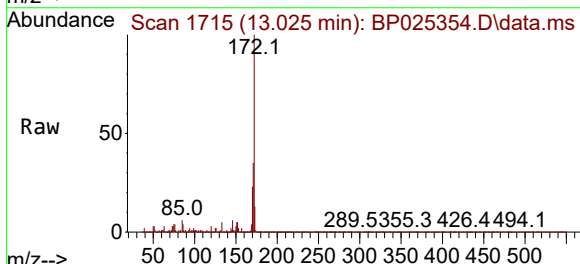
Tgt Ion:172 Resp: 2007144

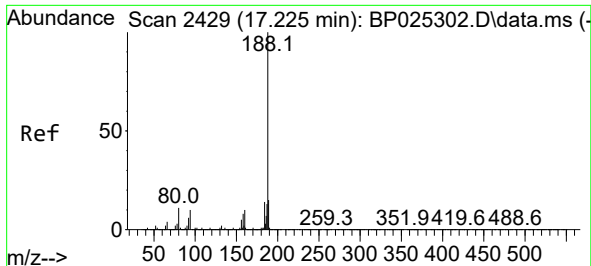
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.1 18.9 28.3

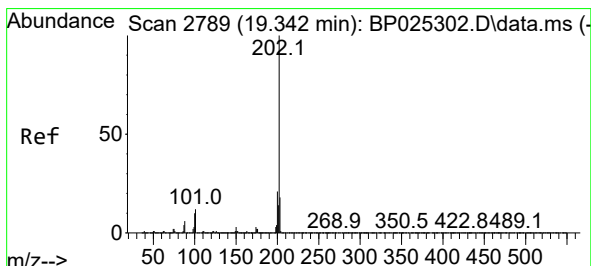
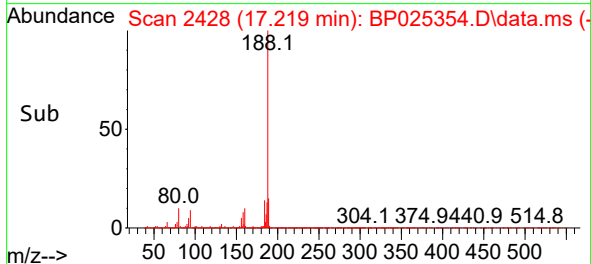
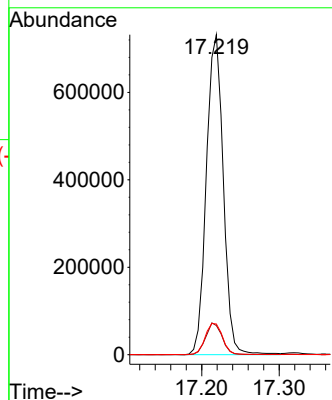
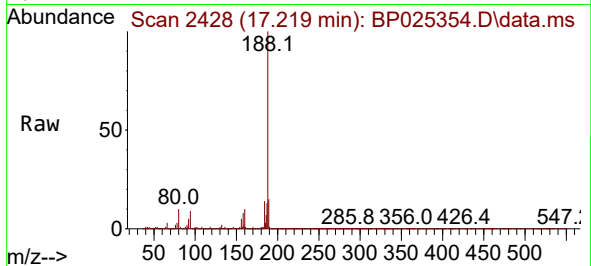




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

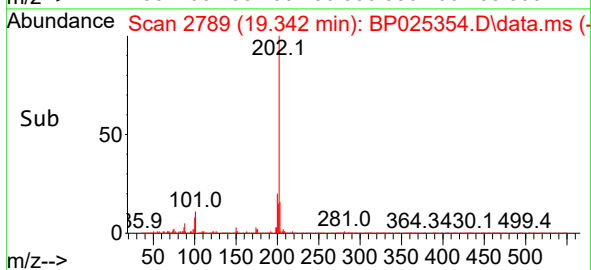
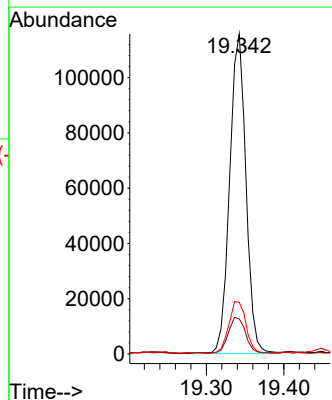
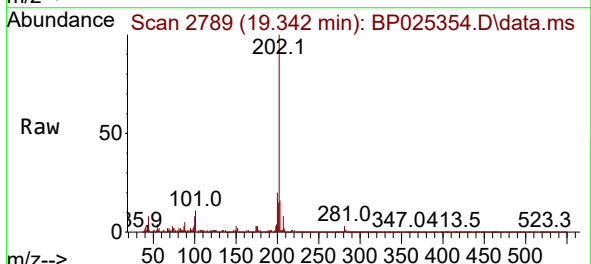
Instrument :
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COMP-2

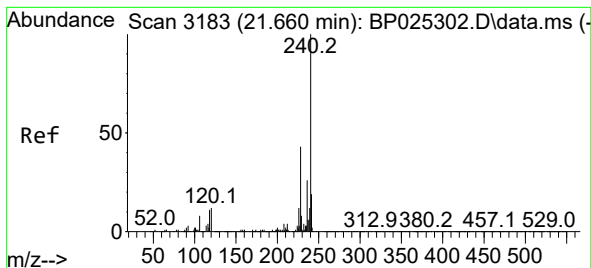
Tgt Ion:188 Resp: 1110383
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.6 8.5 12.7



#75
Fluoranthene
Concen: 2.411 ng
RT: 19.342 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BP025354.D
Acq: 11 Aug 2025 18:53

Tgt Ion:202 Resp: 169751
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.5
203 16.1 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. -0.006 min

Lab File: BP025354.D

Acq: 11 Aug 2025 18:53

Instrument :

BNA_P

ClientSampleId :

COMP-2

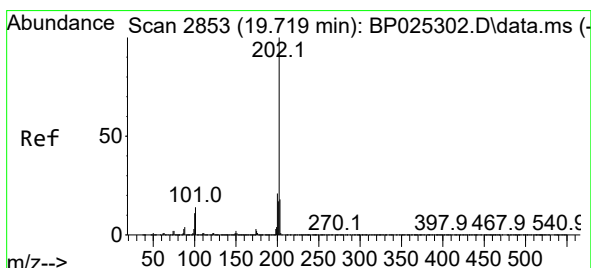
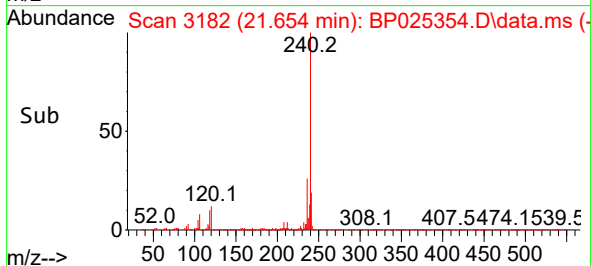
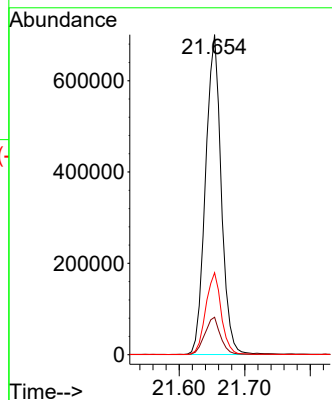
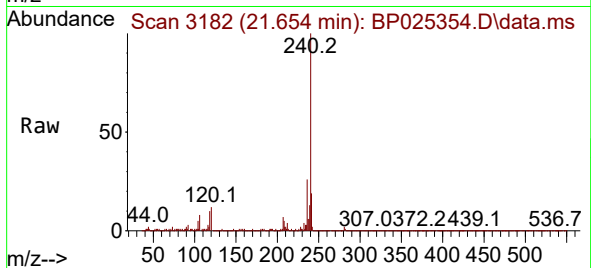
Tgt Ion:240 Resp: 1168731

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

236 25.6 20.4 30.6



#78

Pyrene

Concen: 2.091 ng

RT: 19.713 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP025354.D

Acq: 11 Aug 2025 18:53

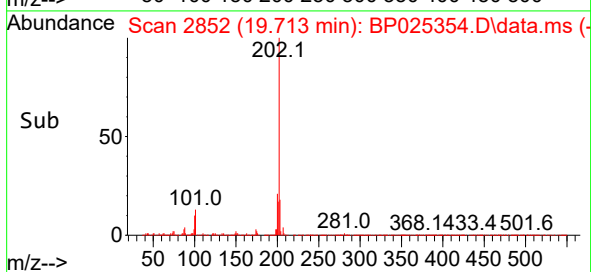
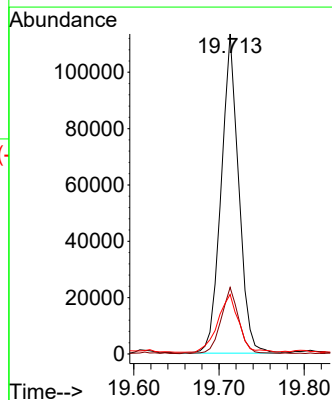
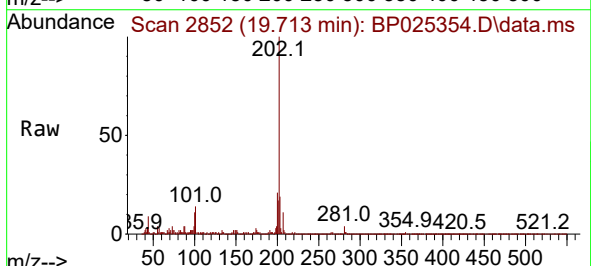
Tgt Ion:202 Resp: 162496

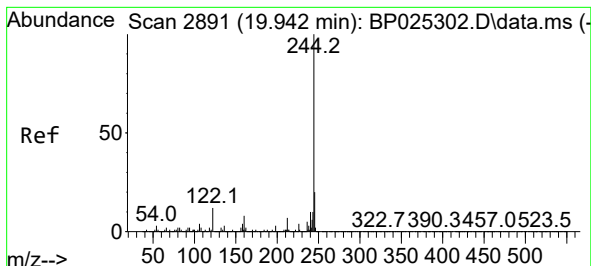
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 18.6 14.1 21.1





#79

Terphenyl-d14

Concen: 45.671 ng

RT: 19.936 min Scan# 2890

Delta R.T. -0.006 min

Lab File: BP025354.D

Acq: 11 Aug 2025 18:53

Instrument :

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ClientSampleId :

COMP-2

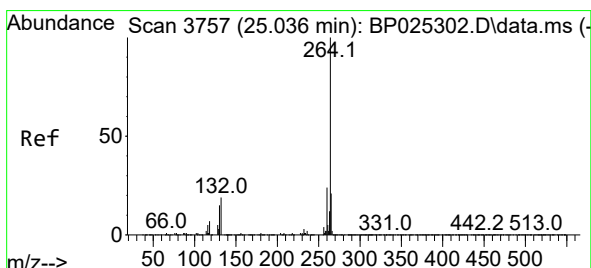
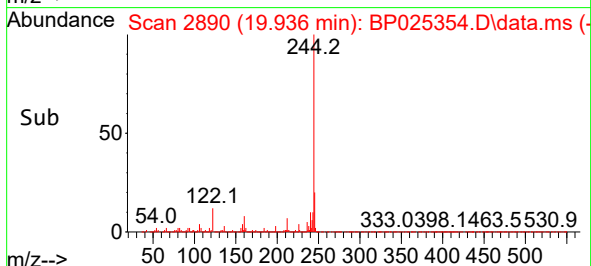
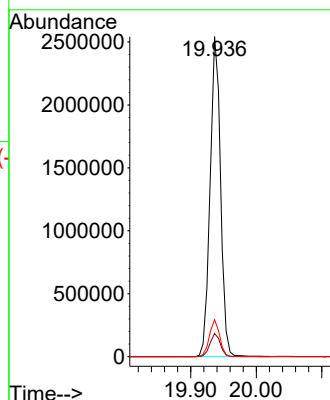
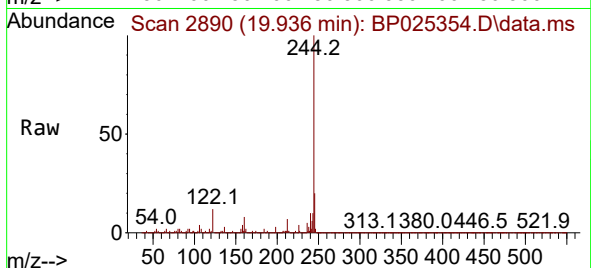
Tgt Ion:244 Resp: 2826010

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.030 min Scan# 3756

Delta R.T. -0.006 min

Lab File: BP025354.D

Acq: 11 Aug 2025 18:53

Tgt Ion:264 Resp: 1336532

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 17.1 25.7

