

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
 Data File : BP025337.D
 Acq On : 08 Aug 2025 18:00
 Operator : CG/JU
 Sample : Q2783-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT5414

Quant Time: Aug 08 18:19:29 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	7.796	152	252062	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	933641	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	508915	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	904365	20.000	ng	-0.01
76) Chrysene-d12	21.666	240	1000756	20.000	ng	0.00
86) Perylene-d12	25.059	264	1210479	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1740778	111.076	ng	0.00
7) Phenol-d6	6.966	99	1911787	92.691	ng	0.00
23) Nitrobenzene-d5	8.937	82	1397356	82.917	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	651263	128.277	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	3036484	82.411	ng	0.00
79) Terphenyl-d14	19.948	244	3724485	70.294	ng	0.00

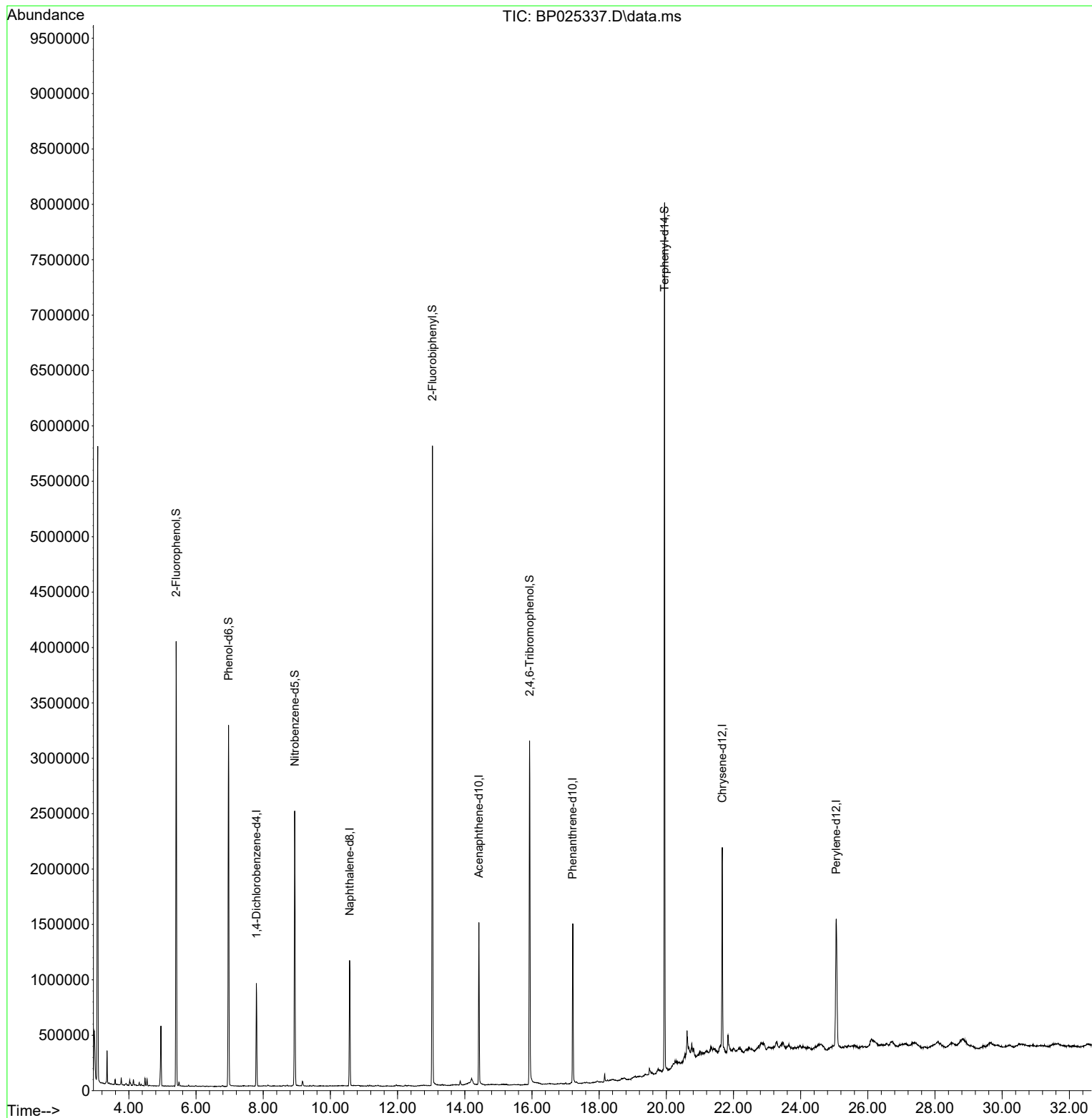
Target Compounds	Qvalue

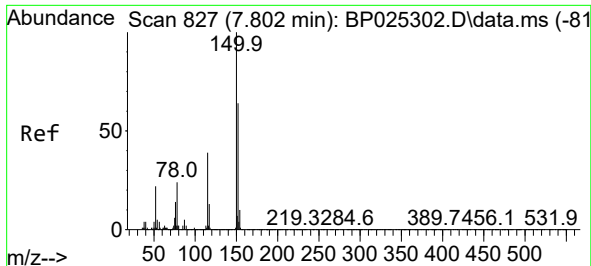
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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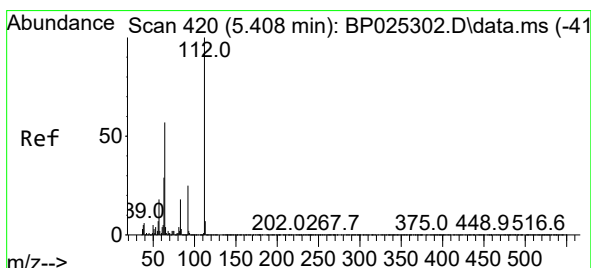
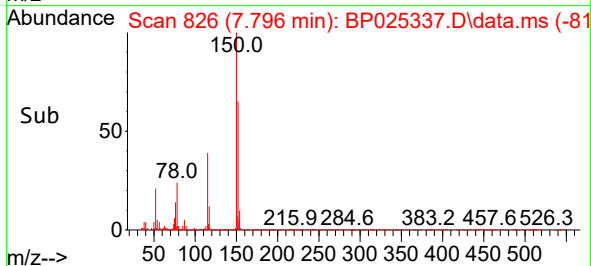
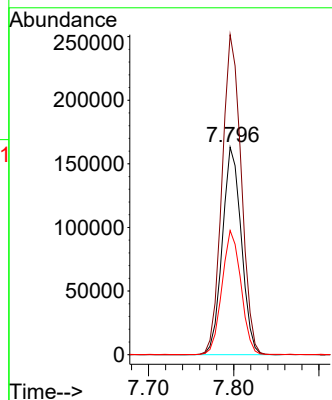
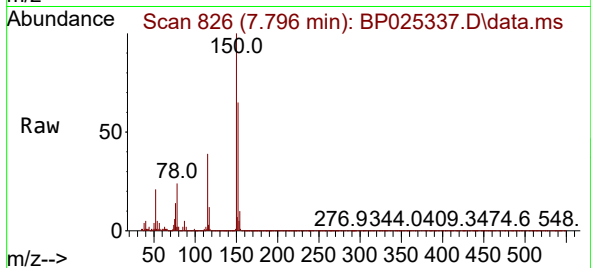




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

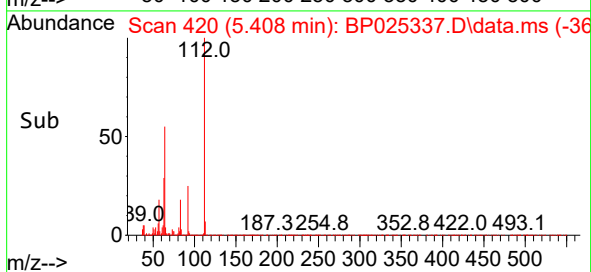
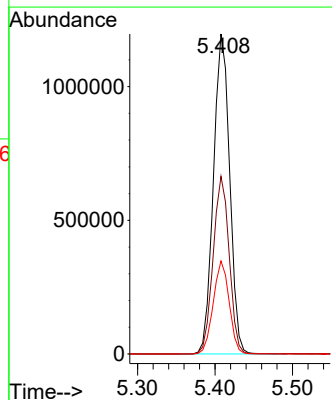
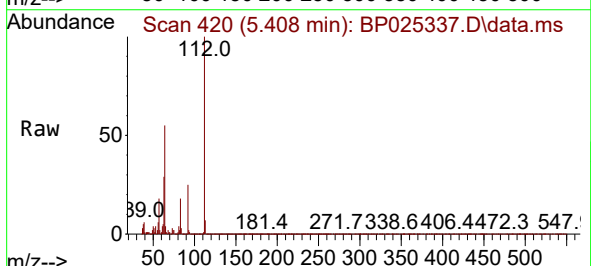
Instrument :
BNA_P
ClientSampleId :
RT5414

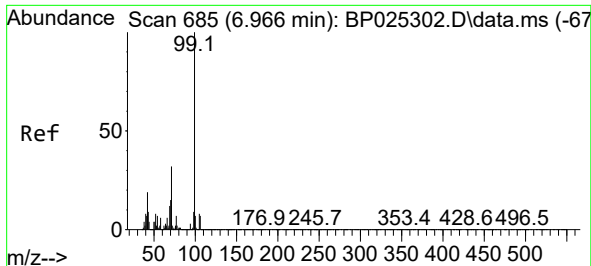
Tgt Ion:152 Resp: 252062
Ion Ratio Lower Upper
152 100
150 154.2 125.1 187.7
115 59.9 48.4 72.6



#5
2-Fluorophenol
Concen: 111.076 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

Tgt Ion:112 Resp: 1740778
Ion Ratio Lower Upper
112 100
64 55.5 45.3 67.9
63 29.0 23.0 34.6

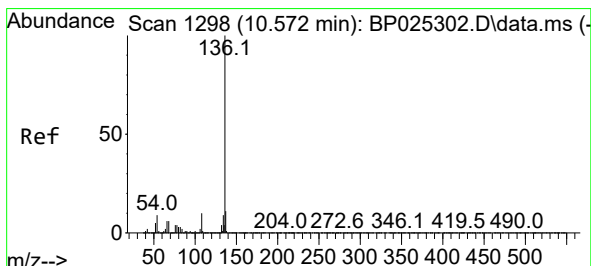
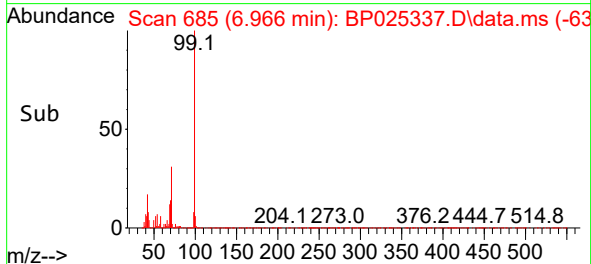
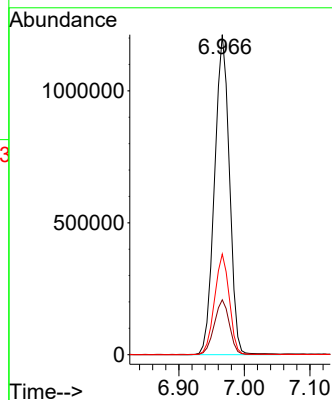
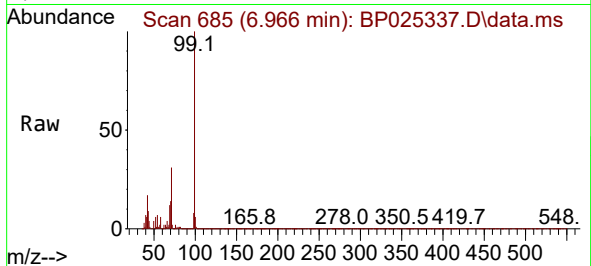




#7
Phenol-d6
Concen: 92.691 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

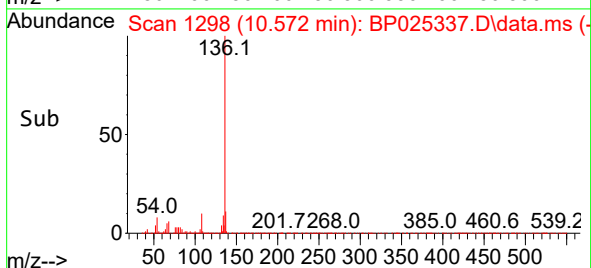
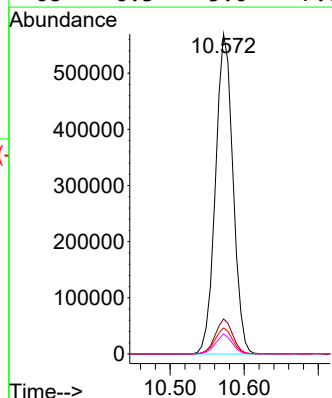
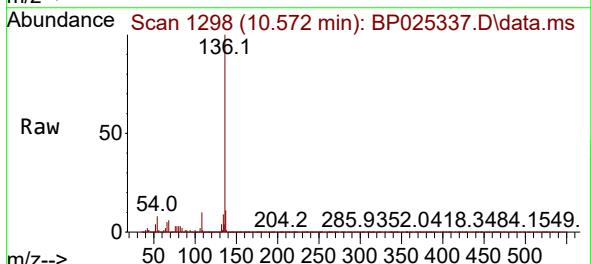
Instrument :
BNA_P
ClientSampleId :
RT5414

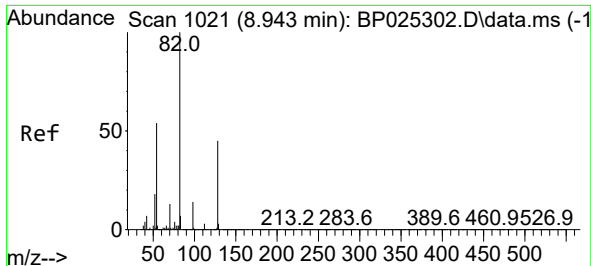
Tgt Ion: 99 Resp: 1911787
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 31.4 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

Tgt Ion: 136 Resp: 933641
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 7.0 10.6
68 6.3 5.0 7.6

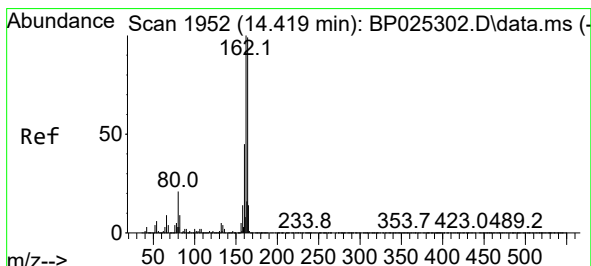
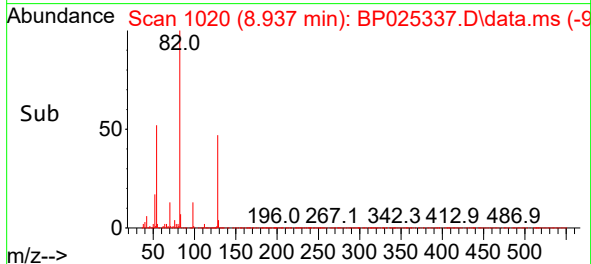
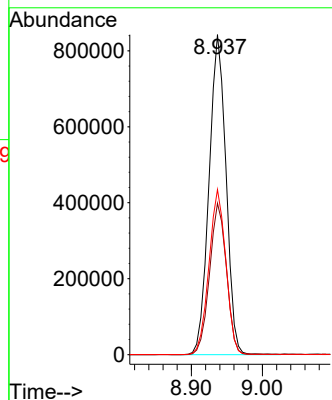
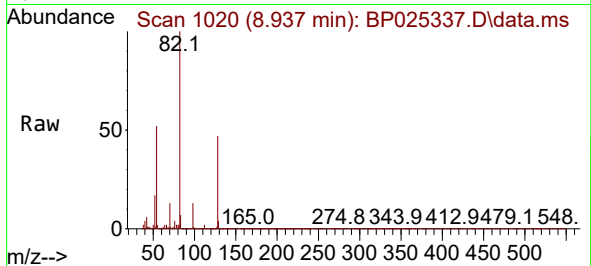




#23
Nitrobenzene-d5
Concen: 82.917 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

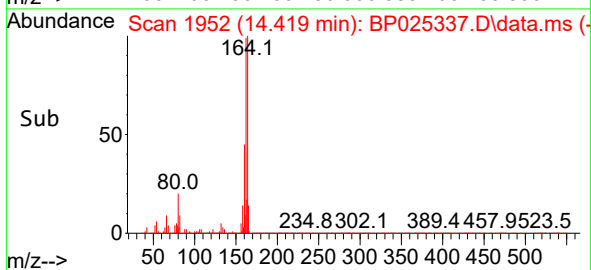
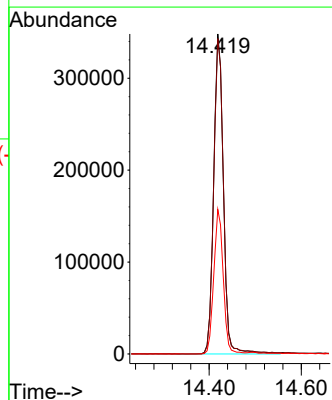
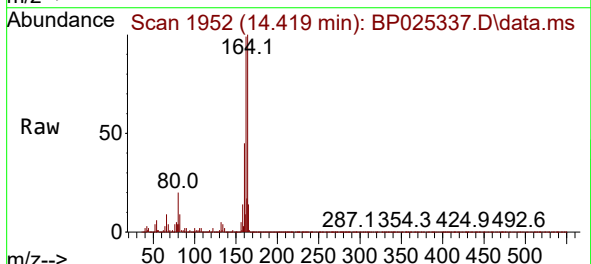
Instrument :
BNA_P
ClientSampleId :
RT5414

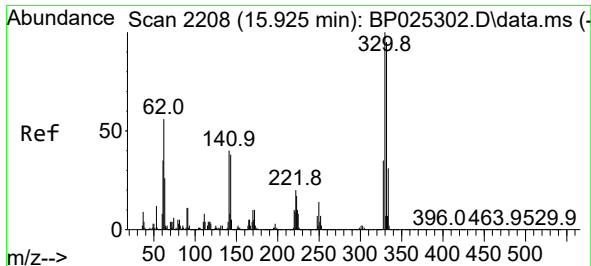
Tgt Ion: 82 Resp: 1397356
Ion Ratio Lower Upper
82 100
128 47.3 35.4 53.2
54 51.6 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

Tgt Ion:164 Resp: 508915
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 45.1 35.9 53.9

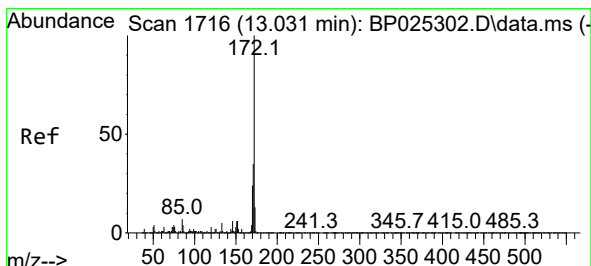
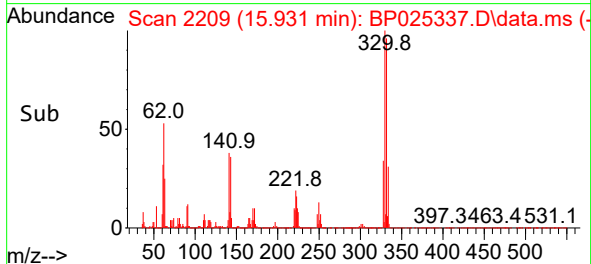
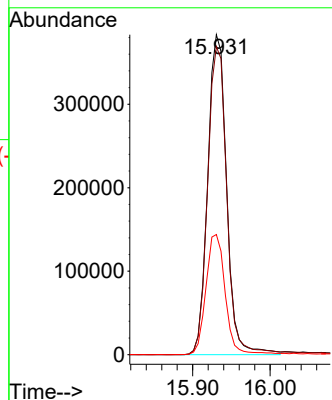
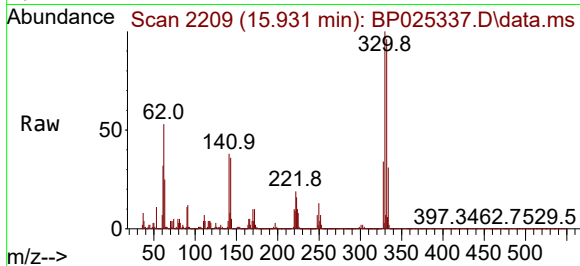




#42
2,4,6-Tribromophenol
Concen: 128.277 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

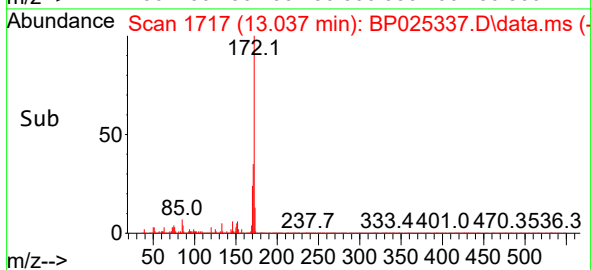
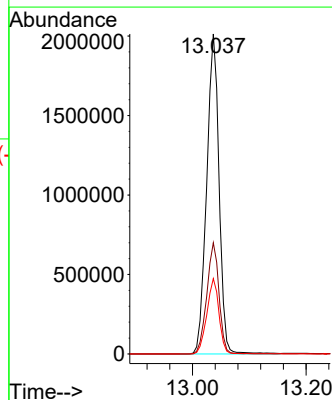
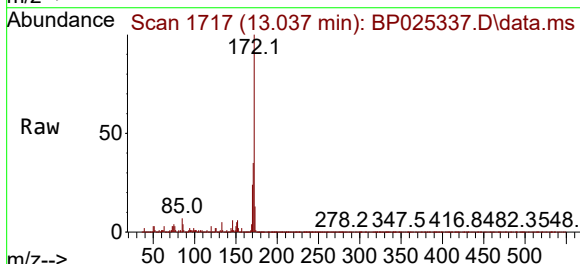
Instrument :
BNA_P
ClientSampleId :
RT5414

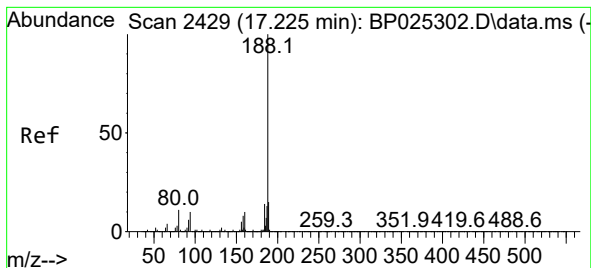
Tgt Ion:330 Resp: 651263
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 38.4 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 82.411 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025337.D
Acq: 08 Aug 2025 18:00

Tgt Ion:172 Resp: 3036484
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.213 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025337.D

Acq: 08 Aug 2025 18:00

Instrument :

BNA_P

ClientSampleId :

RT5414

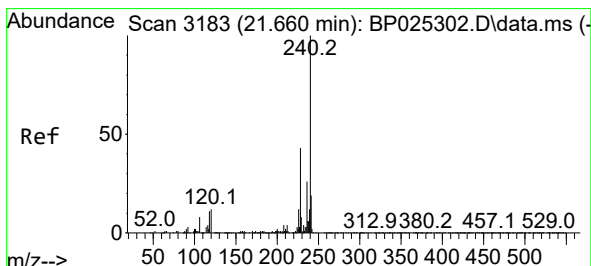
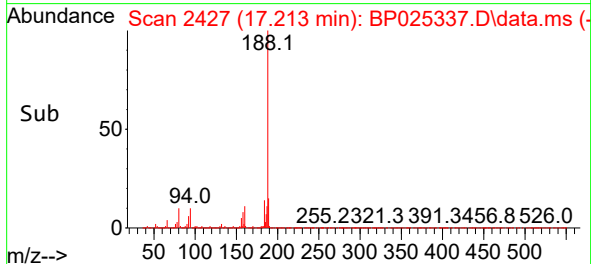
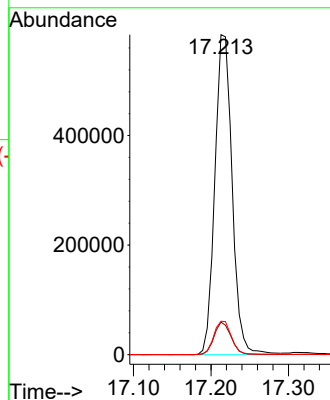
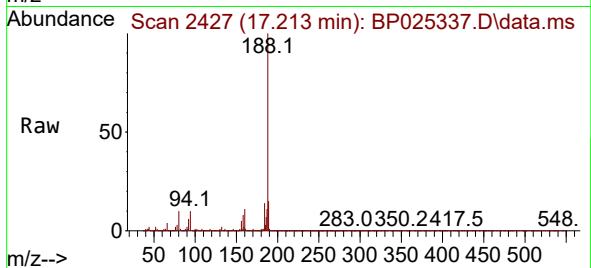
Tgt Ion:188 Resp: 904365

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

80 10.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.666 min Scan# 3184

Delta R.T. 0.006 min

Lab File: BP025337.D

Acq: 08 Aug 2025 18:00

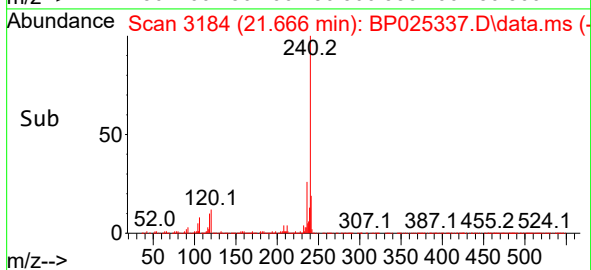
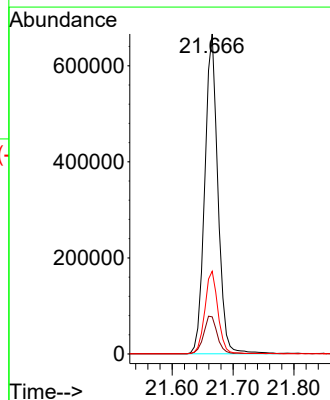
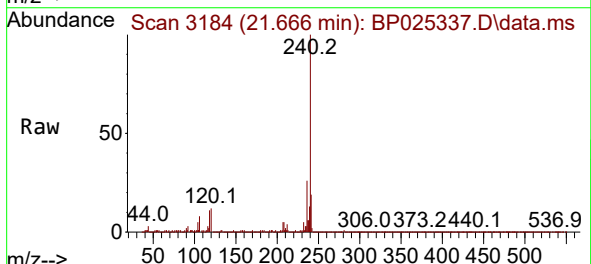
Tgt Ion:240 Resp: 1000756

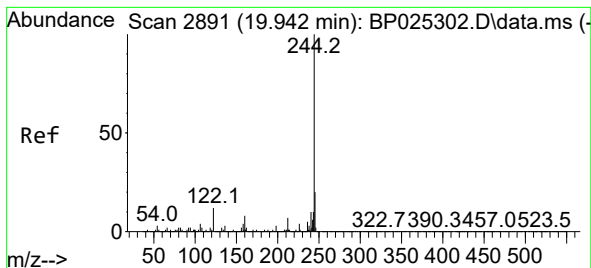
Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 70.294 ng

RT: 19.948 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025337.D

Acq: 08 Aug 2025 18:00

Instrument :

BNA_P

ClientSampleId :

RT5414

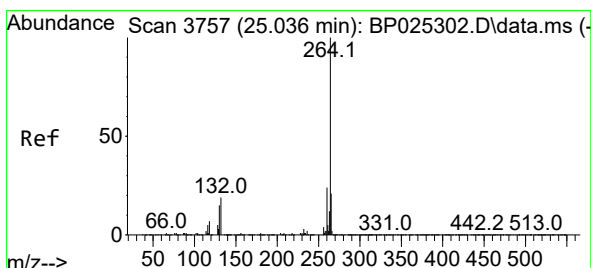
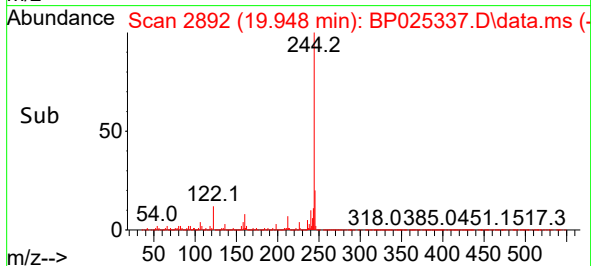
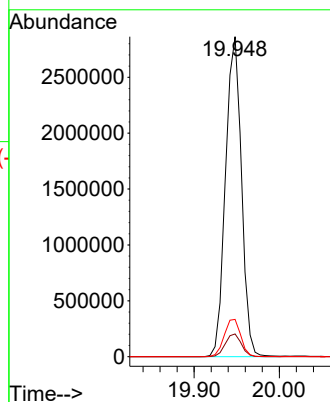
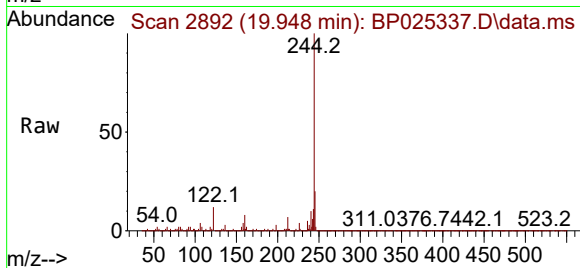
Tgt Ion:244 Resp: 3724485

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.059 min Scan# 3761

Delta R.T. 0.023 min

Lab File: BP025337.D

Acq: 08 Aug 2025 18:00

Tgt Ion:264 Resp: 1210479

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 17.1 25.7

