

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025129.D
 Acq On : 14 Jul 2025 21:14
 Operator : CG/JU
 Sample : Q2537-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-07092025

Quant Time: Jul 15 01:17:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

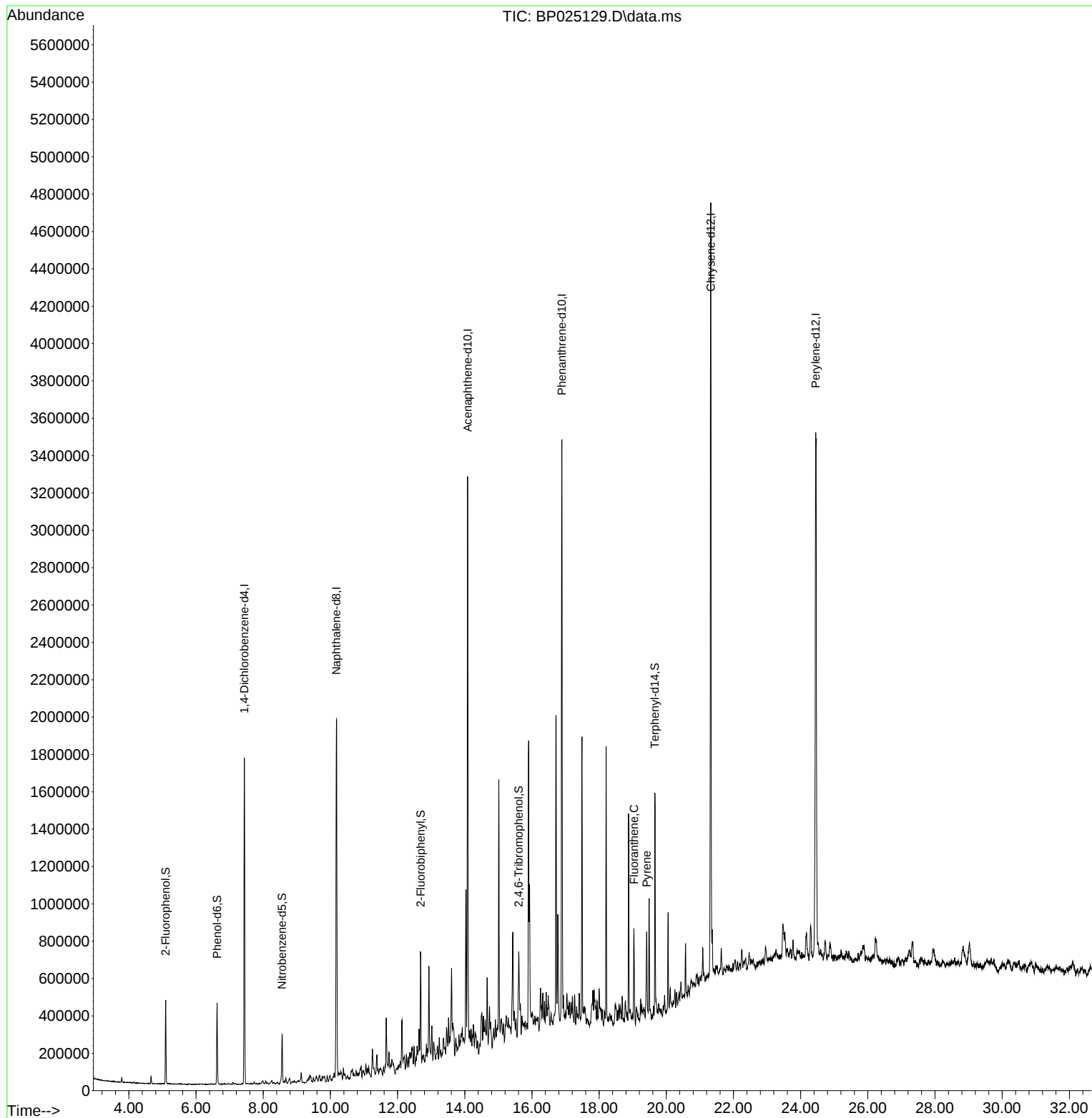
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	471001	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1757353	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1019991	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	2020568	20.000	ng	-0.02
76) Chrysene-d12	21.324	240	2370064	20.000	ng	-0.02
86) Perylene-d12	24.448	264	2822614	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	189872	7.143	ng	0.00
7) Phenol-d6	6.625	99	238781	6.883	ng	0.00
23) Nitrobenzene-d5	8.560	82	140644	5.323	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	90937	7.547	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	348814	5.298	ng	-0.01
79) Terphenyl-d14	19.660	244	543595	5.041	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.036	202	312942	2.480	ng	98
78) Pyrene	19.413	202	342972	2.336	ng	98

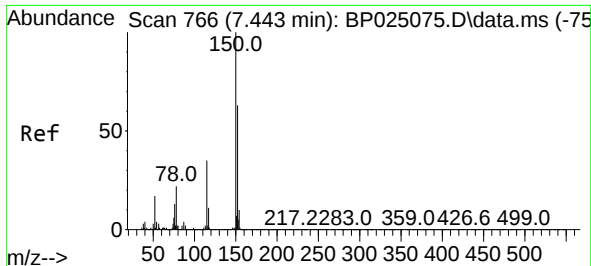
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025129.D
Acq On : 14 Jul 2025 21:14
Operator : CG/JU
Sample : Q2537-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-07092025

Quant Time: Jul 15 01:17:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

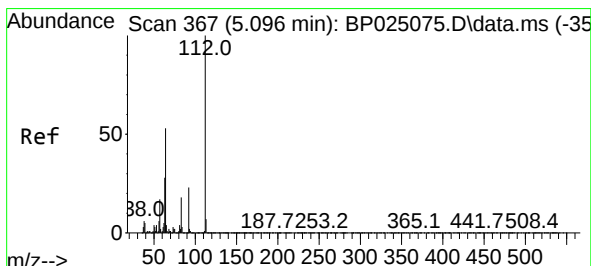
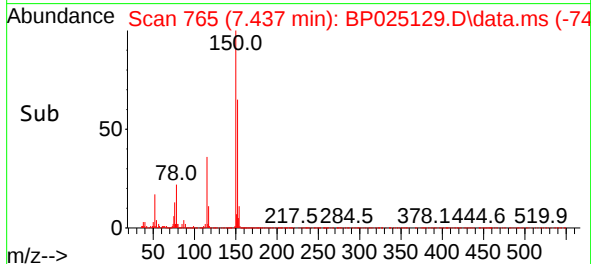
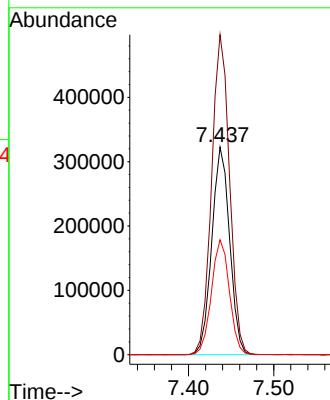
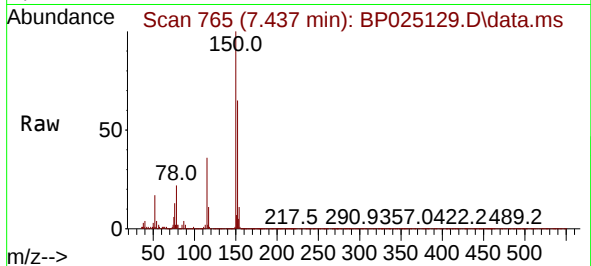




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

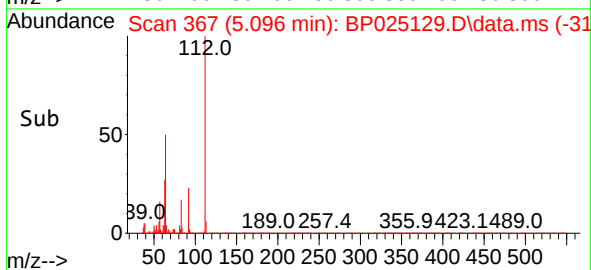
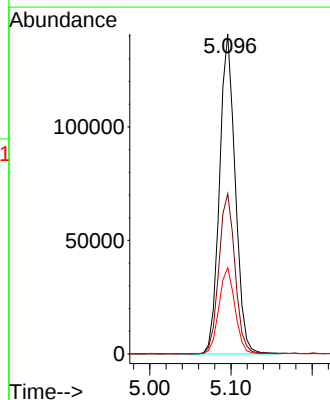
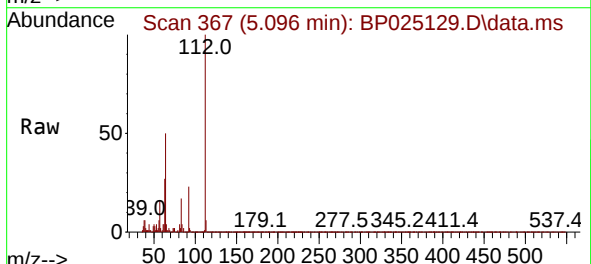
Instrument :
BNA_P
ClientSampleId :
TR-04-07092025

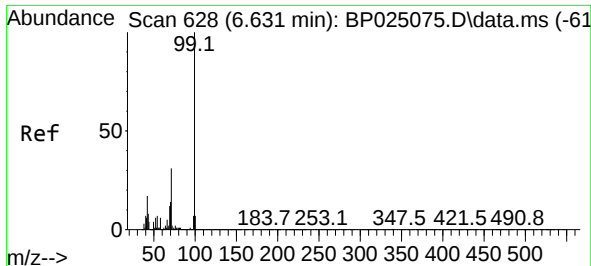
Tgt Ion:152 Resp: 471001
Ion Ratio Lower Upper
152 100
150 154.2 126.1 189.1
115 55.3 44.3 66.5



#5
2-Fluorophenol
Concen: 7.143 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

Tgt Ion:112 Resp: 189872
Ion Ratio Lower Upper
112 100
64 50.1 42.0 63.0
63 26.9 22.2 33.2

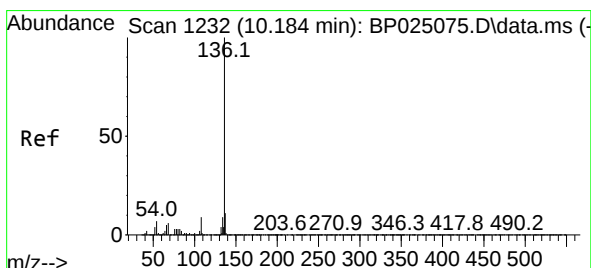
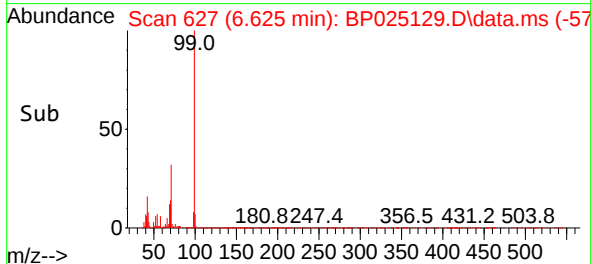
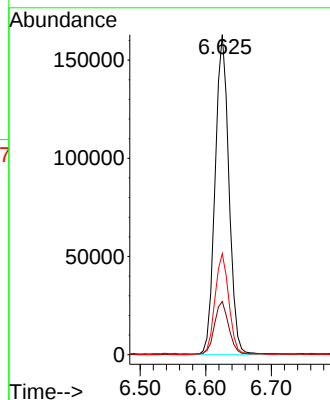
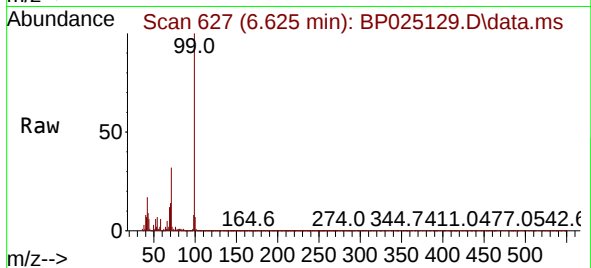




#7
Phenol-d6
Concen: 6.883 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

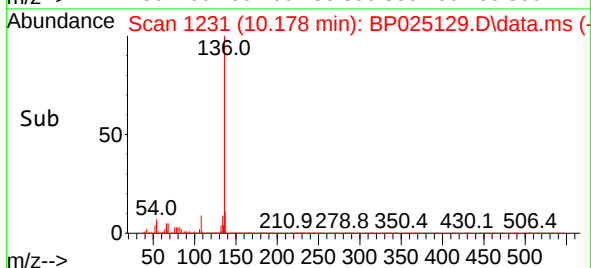
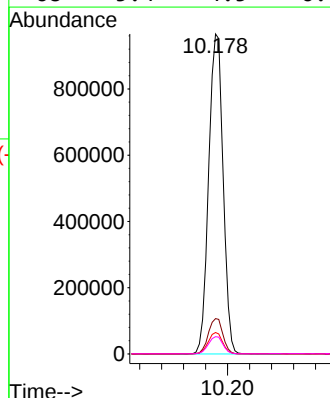
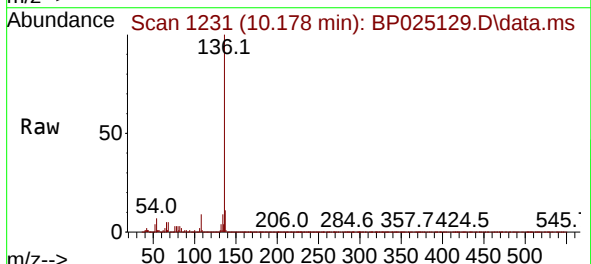
Instrument :
BNA_P
ClientSampleId :
TR-04-07092025

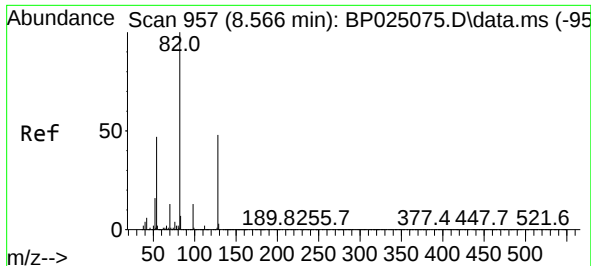
Tgt Ion:	99	Resp:	238781
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	31.6	24.4	36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

Tgt Ion:	136	Resp:	1757353
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.7	5.4	8.2
68	5.4	4.5	6.7

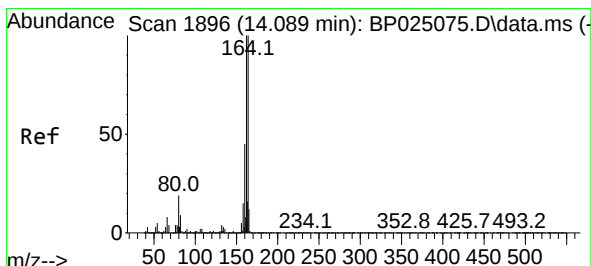
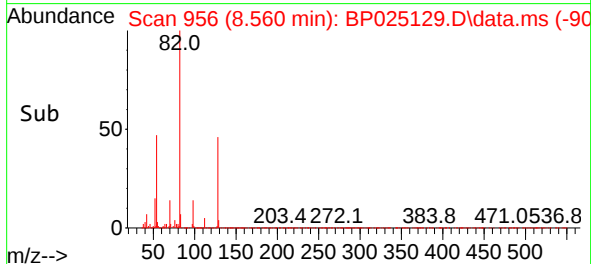
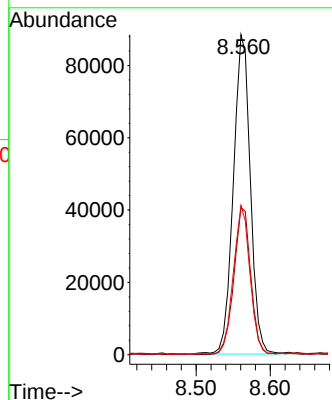
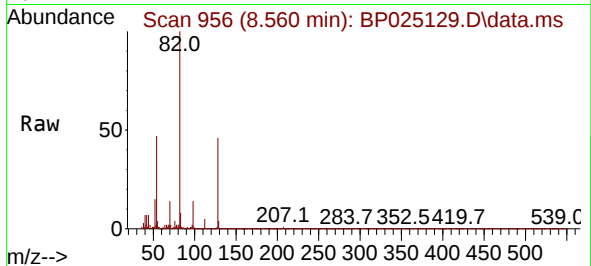




#23
Nitrobenzene-d5
Concen: 5.323 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

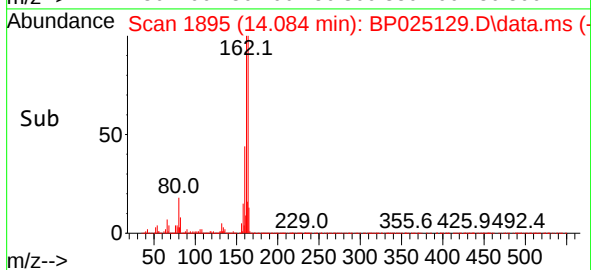
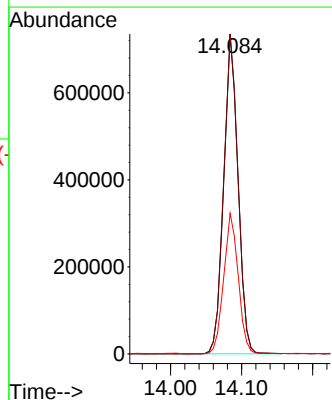
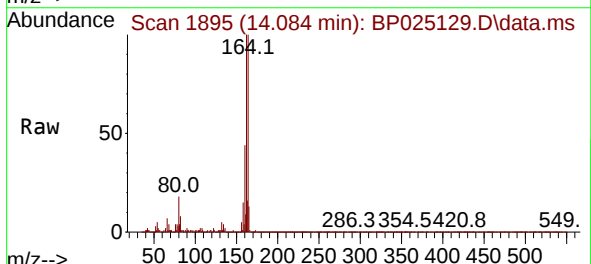
Instrument :
BNA_P
ClientSampleId :
TR-04-07092025

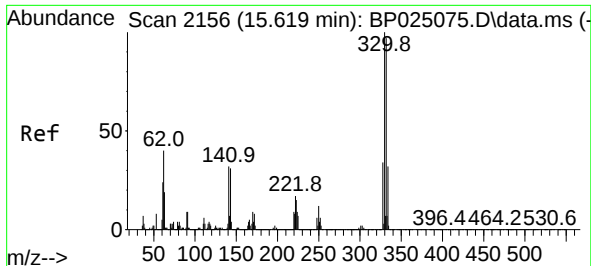
Tgt Ion: 82 Resp: 140644
Ion Ratio Lower Upper
82 100
128 46.0 38.4 57.6
54 46.6 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

Tgt Ion:164 Resp: 1019991
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 44.0 35.9 53.9

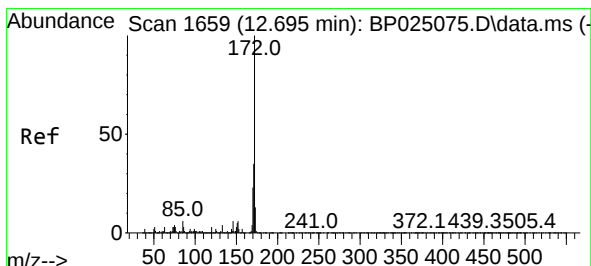
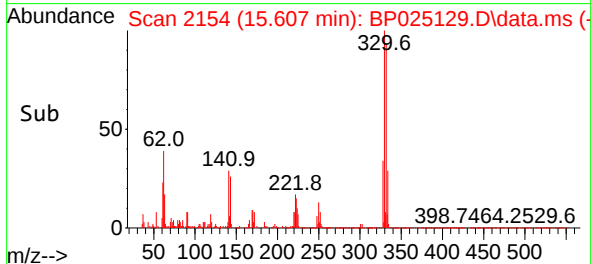
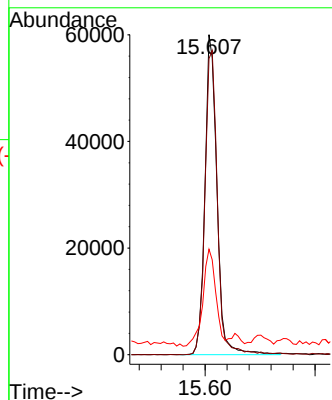
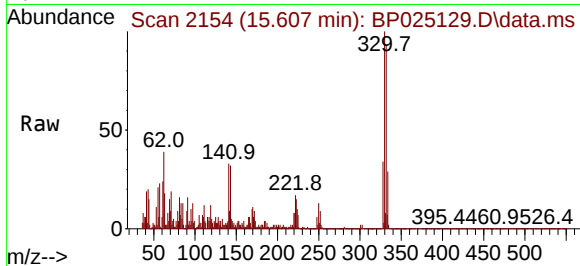




#42
2,4,6-Tribromophenol
Concen: 7.547 ng
RT: 15.607 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

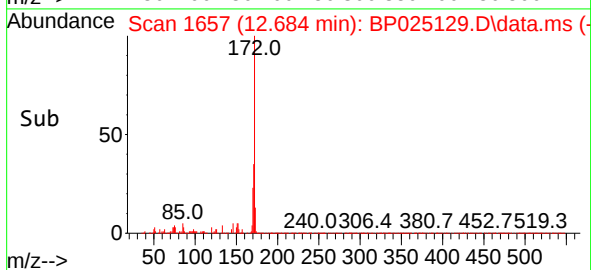
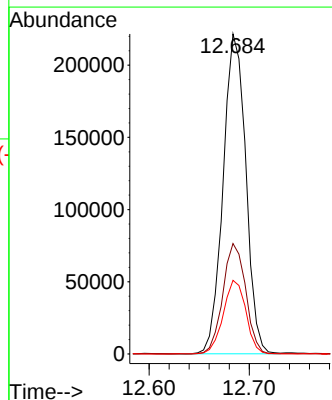
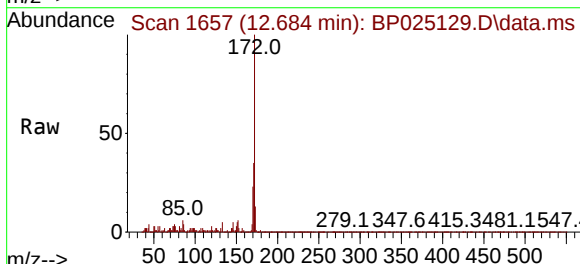
Instrument :
BNA_P
ClientSampleId :
TR-04-07092025

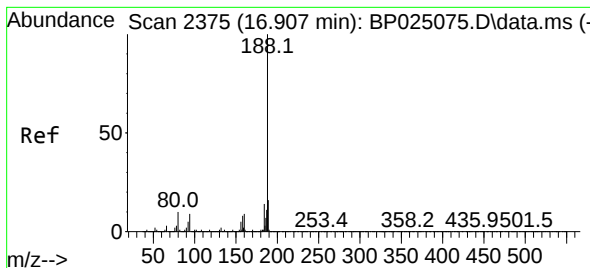
Tgt Ion: 330 Resp: 90937
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 32.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 5.298 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025129.D
Acq: 14 Jul 2025 21:14

Tgt Ion: 172 Resp: 348814
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.889 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Instrument :

BNA_P

ClientSampleId :

TR-04-07092025

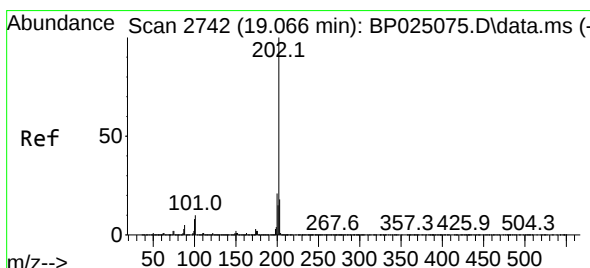
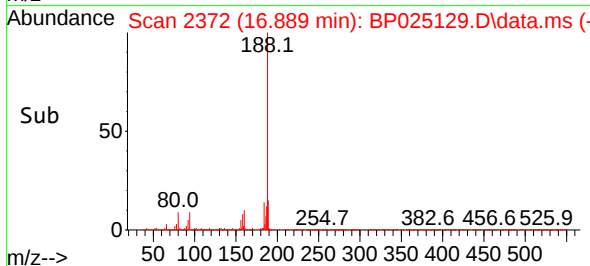
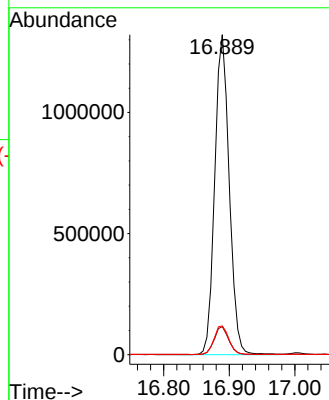
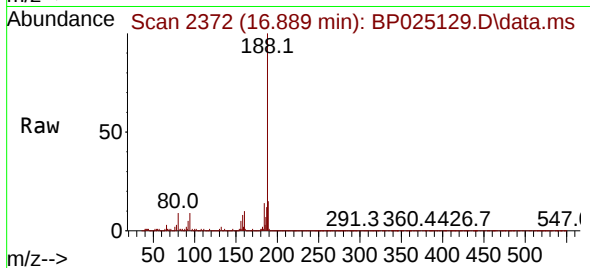
Tgt Ion:188 Resp: 2020568

Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

80 9.0 7.8 11.6



#75

Fluoranthene

Concen: 2.480 ng

RT: 19.036 min Scan# 2737

Delta R.T. -0.029 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

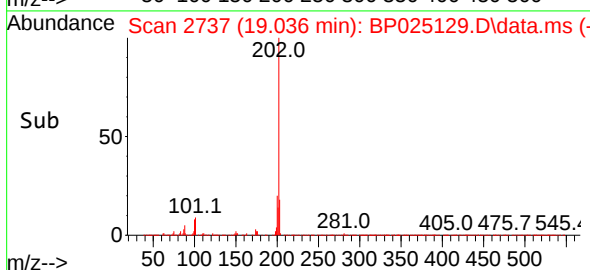
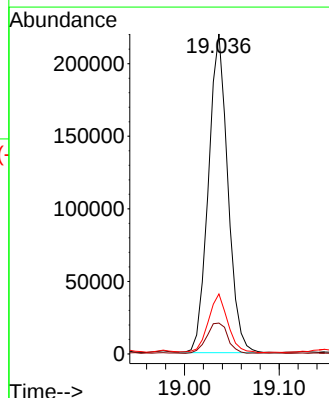
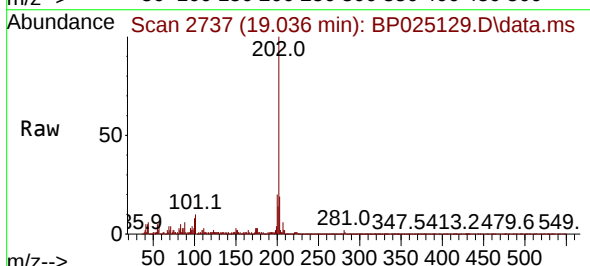
Tgt Ion:202 Resp: 312942

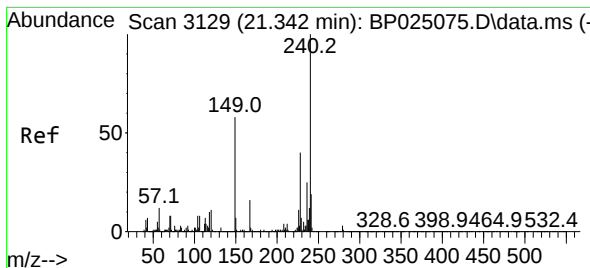
Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.4

203 18.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Instrument :

BNA_P

ClientSampleId :

TR-04-07092025

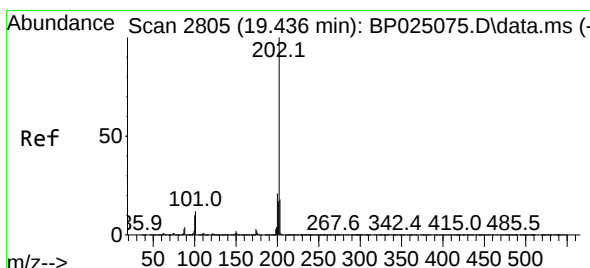
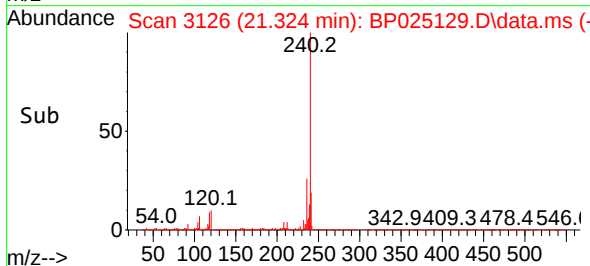
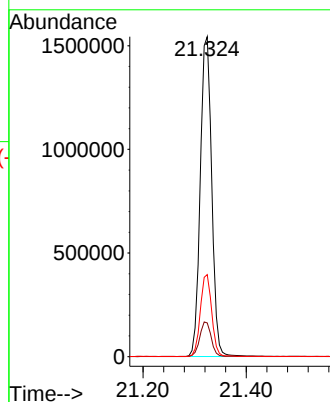
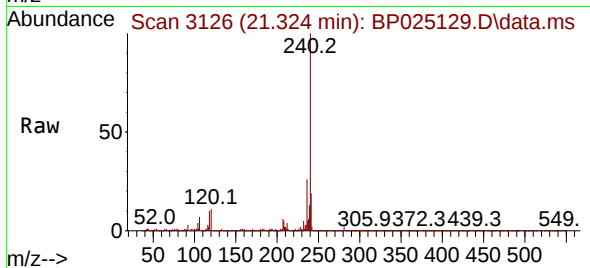
Tgt Ion:240 Resp: 2370064

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 25.7 20.3 30.5



#78

Pyrene

Concen: 2.336 ng

RT: 19.413 min Scan# 2801

Delta R.T. -0.023 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

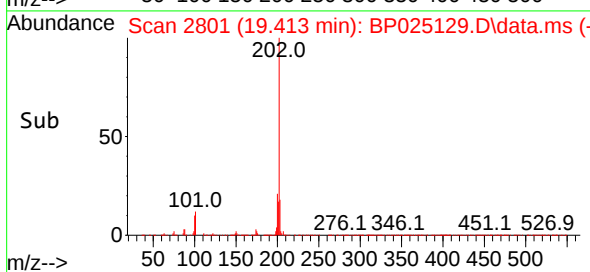
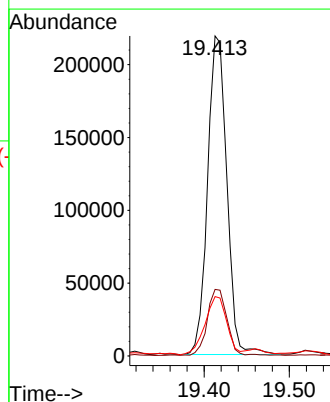
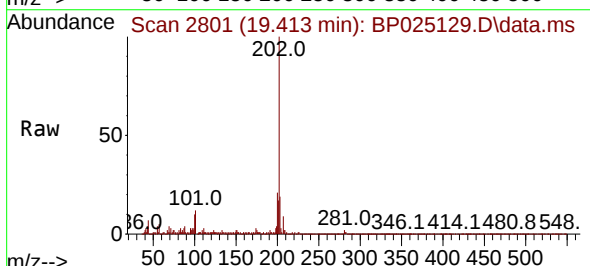
Tgt Ion:202 Resp: 342972

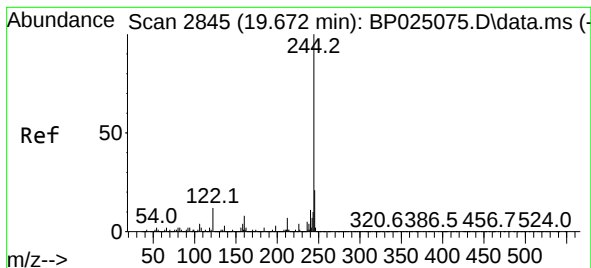
Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 18.6 14.1 21.1





#79

Terphenyl-d14

Concen: 5.041 ng

RT: 19.660 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Instrument :

BNA_P

ClientSampleId :

TR-04-07092025

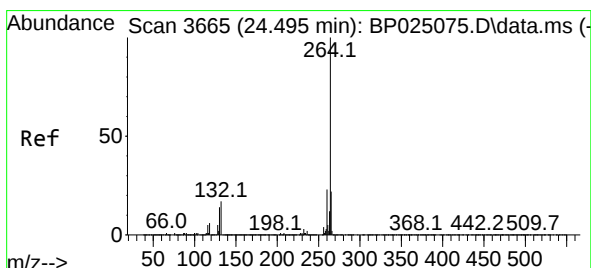
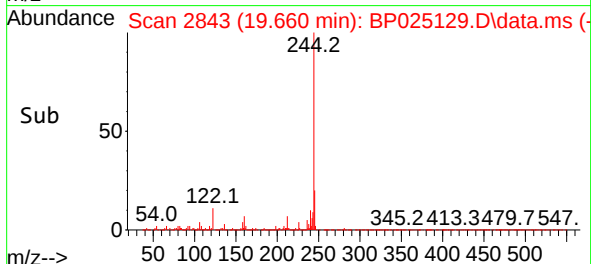
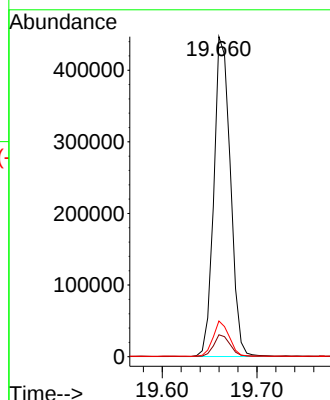
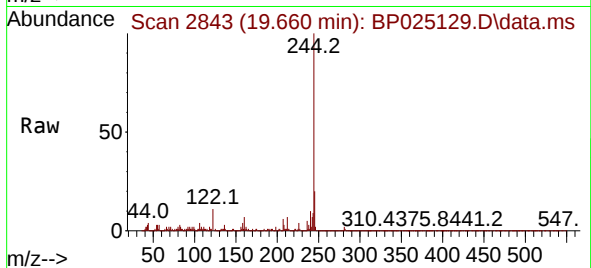
Tgt Ion:244 Resp: 543595

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 11.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.448 min Scan# 3657

Delta R.T. -0.047 min

Lab File: BP025129.D

Acq: 14 Jul 2025 21:14

Tgt Ion:264 Resp: 2822614

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.7 17.7 26.5

