

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026329.D
 Acq On : 15 Dec 2025 17:34
 Operator : RC/JU
 Sample : Q3839-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AT4

Quant Time: Dec 15 18:02:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 14:15:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	224255	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	832333	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	509922	20.000	ng	0.00
64) Phenanthrene-d10	17.078	188	1013502	20.000	ng	0.00
76) Chrysene-d12	21.524	240	1105228	20.000	ng	-0.01
86) Perylene-d12	24.812	264	1247247	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	656983	47.101	ng	0.00
7) Phenol-d6	6.837	99	470018	26.690	ng	0.00
23) Nitrobenzene-d5	8.790	82	961556	65.407	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	847371	125.042	ng	-0.01
45) 2-Fluorobiphenyl	12.884	172	2505199	71.028	ng	0.00
79) Terphenyl-d14	19.824	244	4567402	82.336	ng	0.00

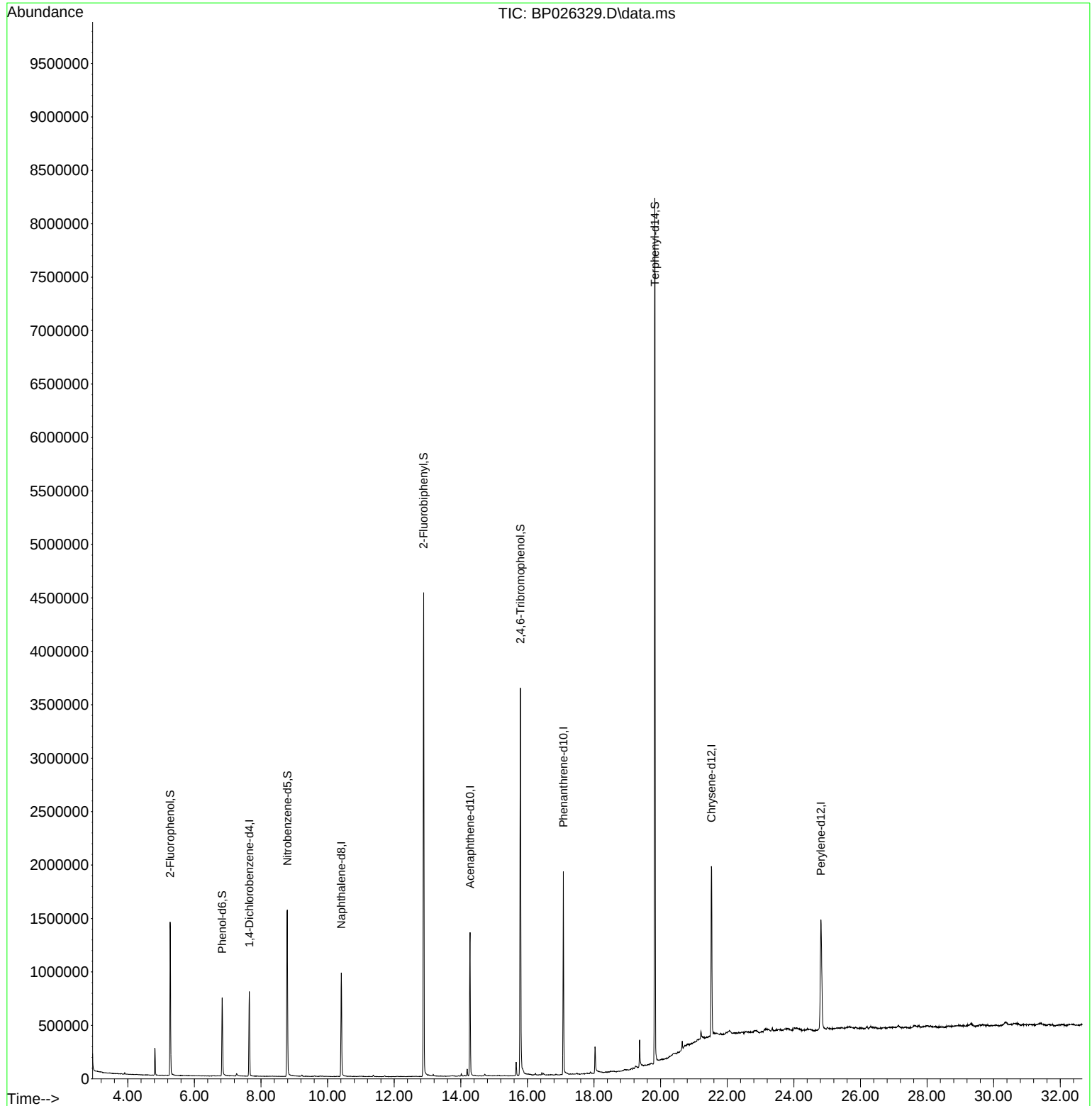
Target Compounds Qvalue

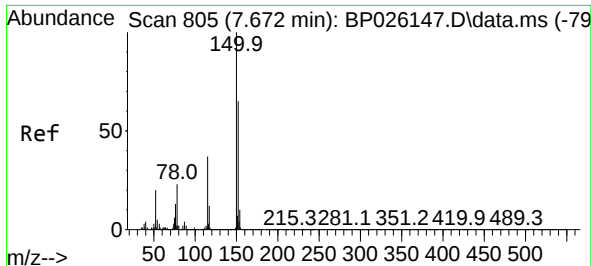
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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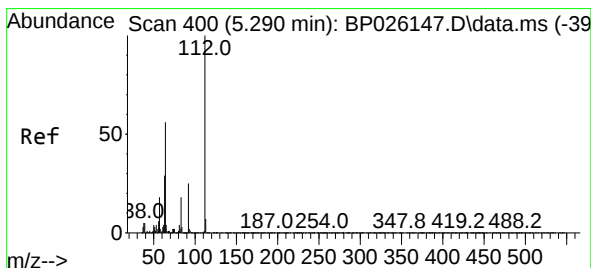
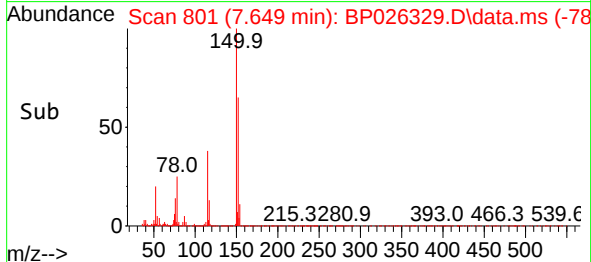
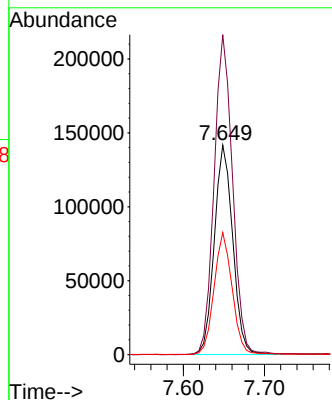
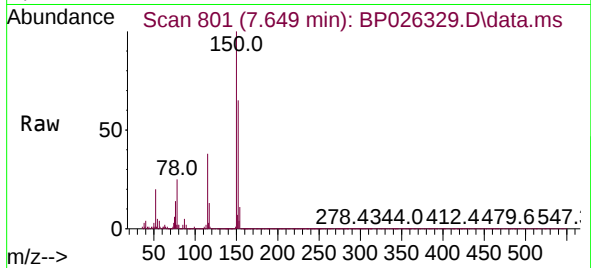




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

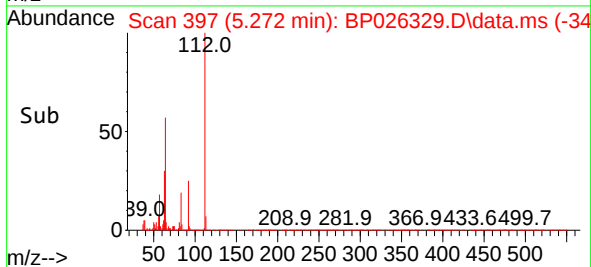
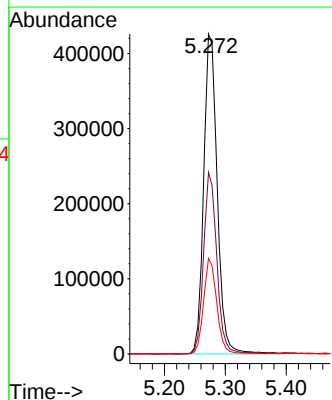
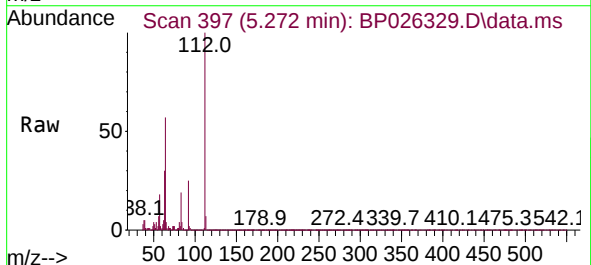
Instrument :
BNA_P
ClientSampleId :
C0AT4

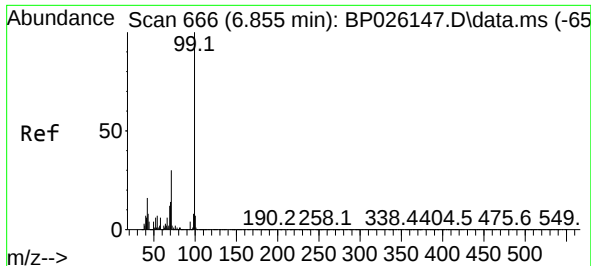
Tgt Ion:152 Resp: 224255
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.6
115 58.2 46.3 69.5



#5
2-Fluorophenol
Concen: 47.101 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

Tgt Ion:112 Resp: 656983
Ion Ratio Lower Upper
112 100
64 56.7 45.8 68.6
63 29.8 23.5 35.3

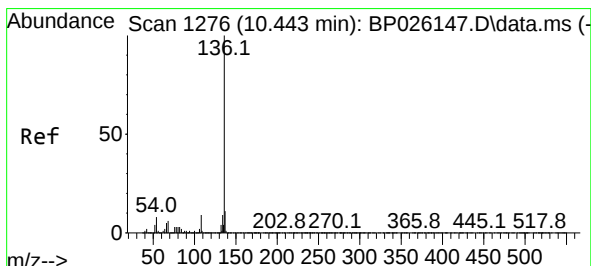
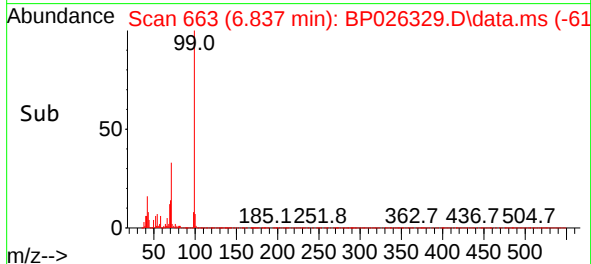
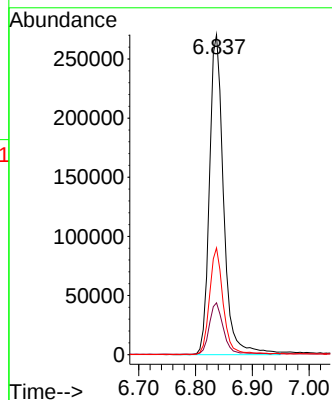
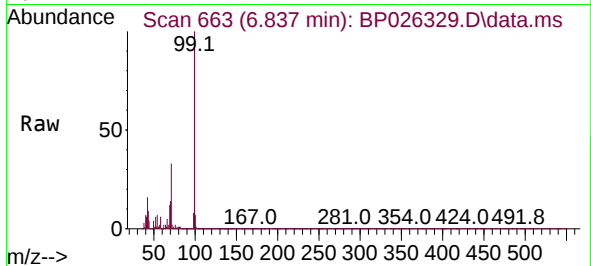




#7
Phenol-d6
Concen: 26.690 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

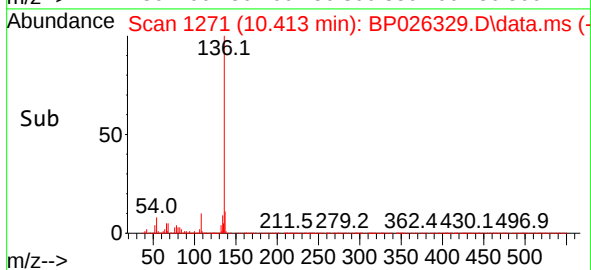
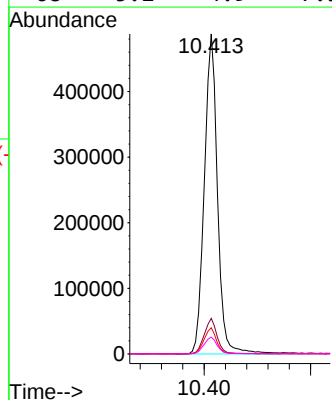
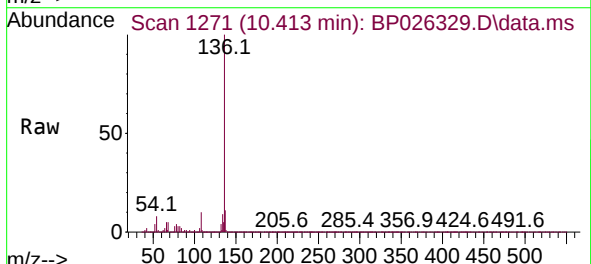
Instrument :
BNA_P
ClientSampleId :
COAT4

Tgt Ion: 99 Resp: 470018
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 33.3 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

Tgt Ion: 136 Resp: 832333
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.2 6.4 9.6
68 5.2 4.9 7.3

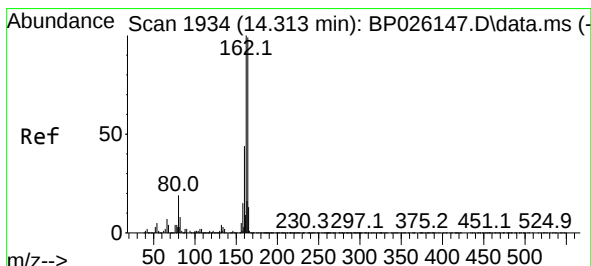
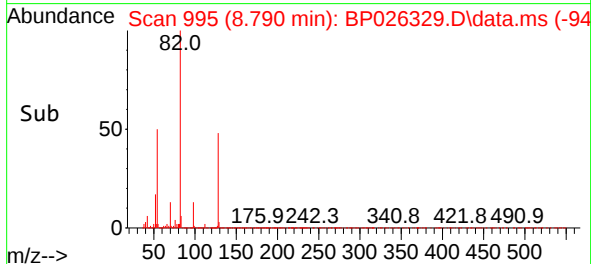
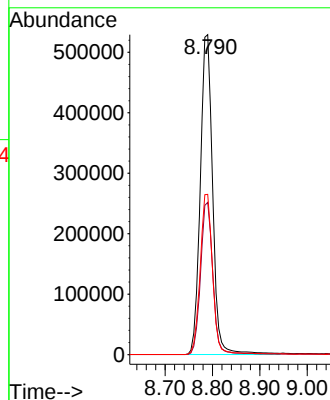
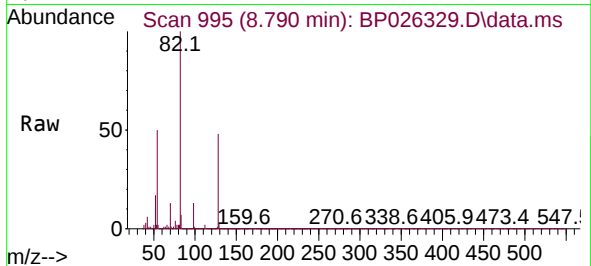




#23
Nitrobenzene-d5
Concen: 65.407 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

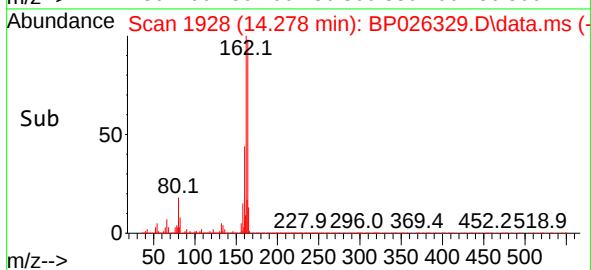
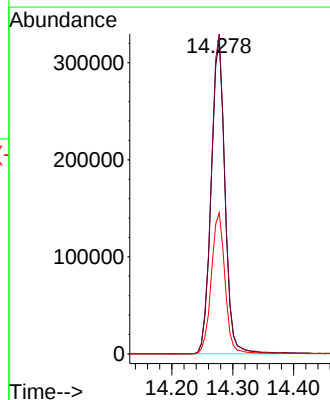
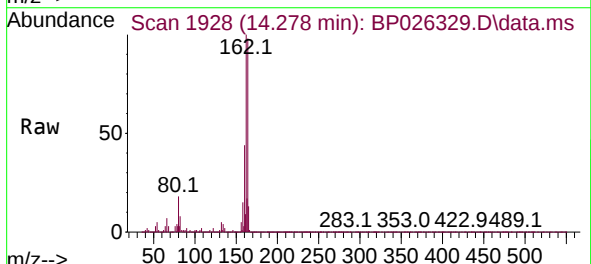
Instrument :
BNA_P
ClientSampleId :
C0AT4

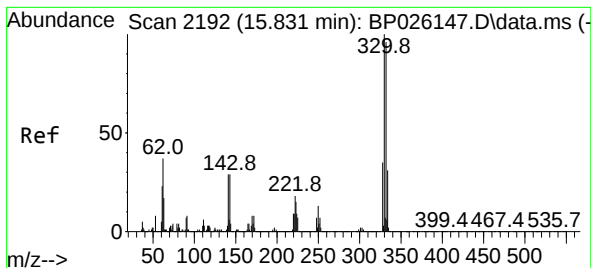
Tgt Ion: 82 Resp: 961556
Ion Ratio Lower Upper
82 100
128 47.6 37.4 56.0
54 50.1 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

Tgt Ion:164 Resp: 509922
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 44.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 125.042 ng

RT: 15.789 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026329.D

Acq: 15 Dec 2025 17:34

Instrument :

BNA_P

ClientSampleId :

COAT4

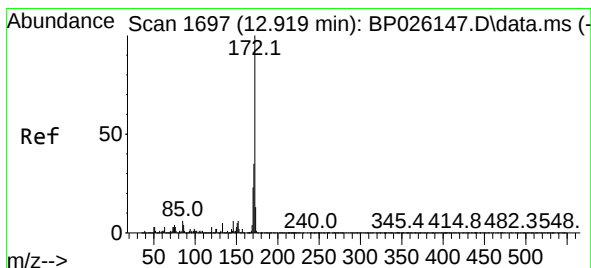
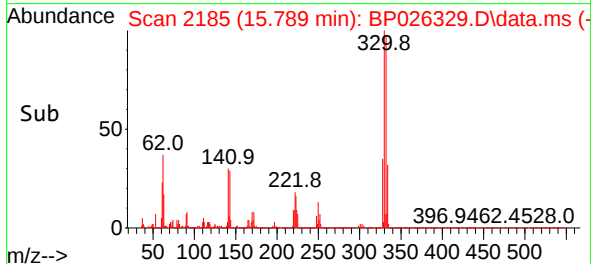
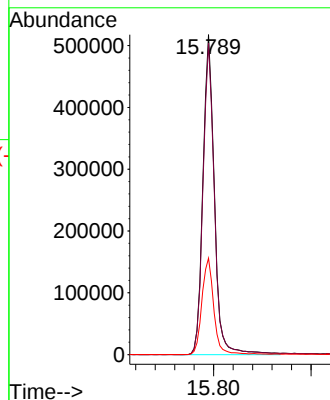
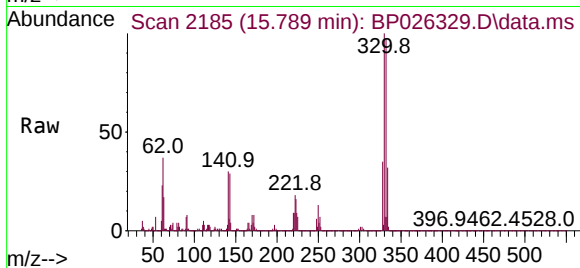
Tgt Ion:330 Resp: 847371

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 30.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 71.028 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP026329.D

Acq: 15 Dec 2025 17:34

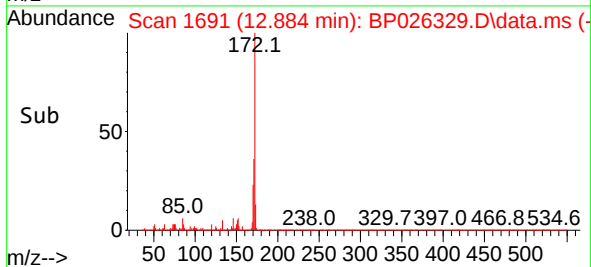
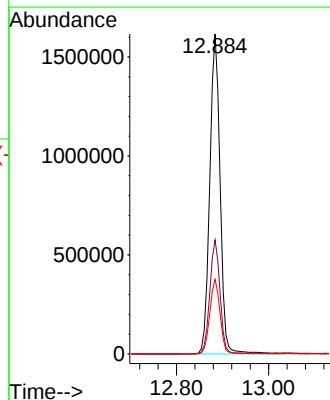
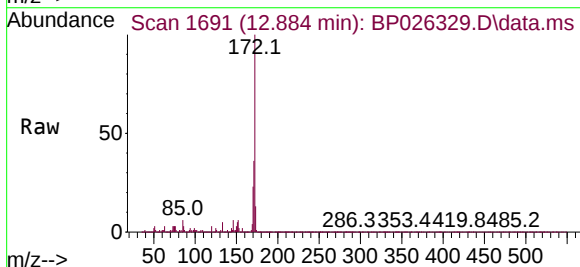
Tgt Ion:172 Resp: 2505199

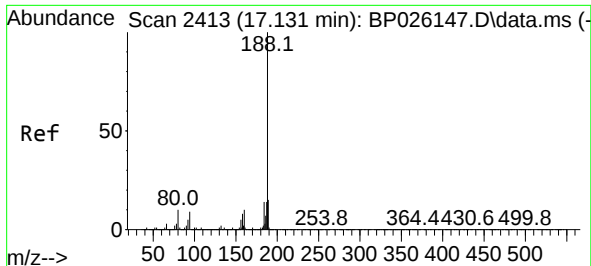
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.3 18.7 28.1

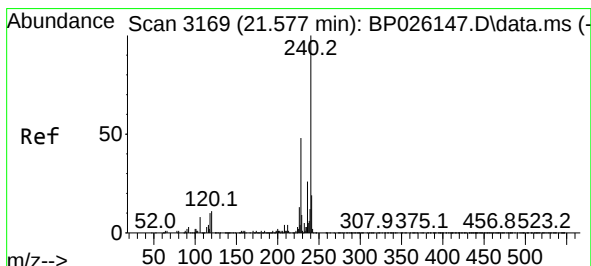
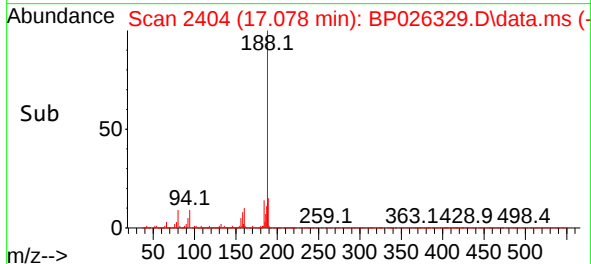
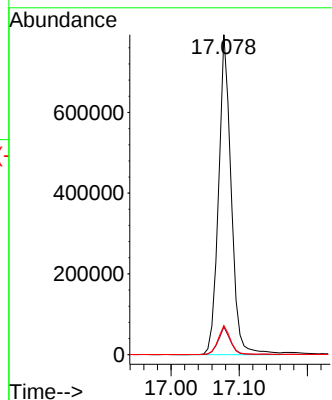
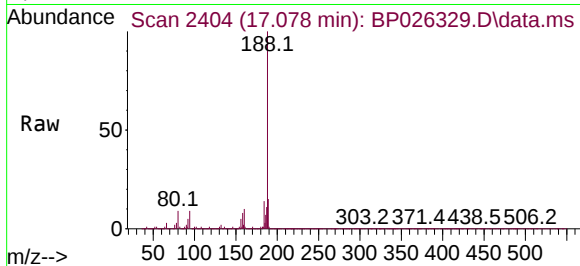




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

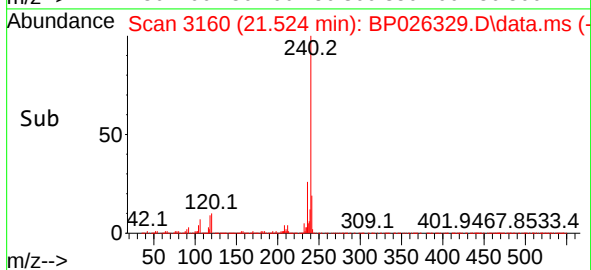
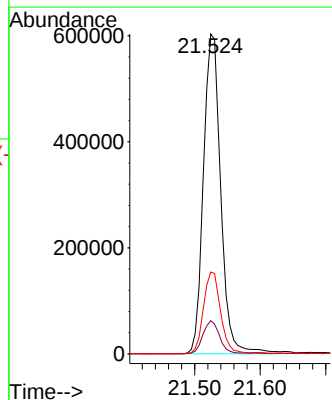
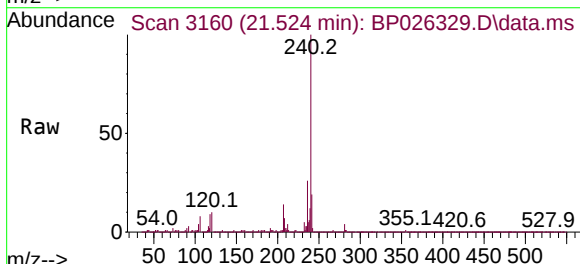
Instrument :
BNA_P
ClientSampleId :
C0AT4

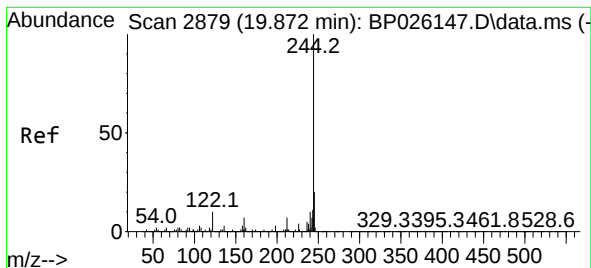
Tgt Ion:188 Resp: 1013502
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.1 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP026329.D
Acq: 15 Dec 2025 17:34

Tgt Ion:240 Resp: 1105228
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 82.336 ng

RT: 19.824 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026329.D

Acq: 15 Dec 2025 17:34

Instrument :

BNA_P

ClientSampleId :

COAT4

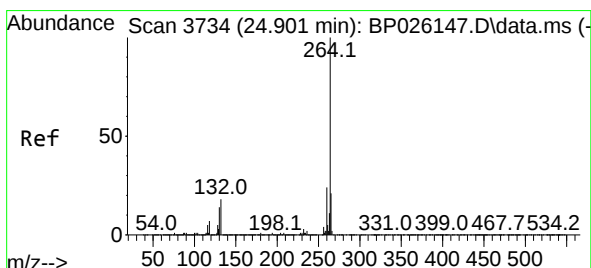
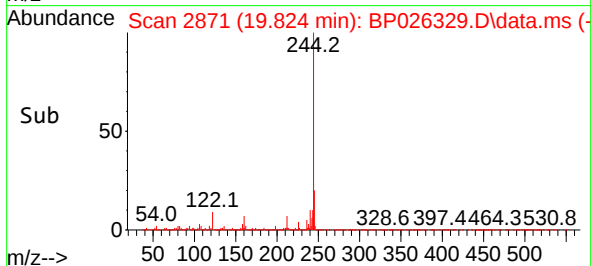
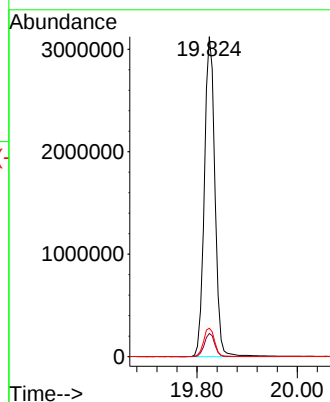
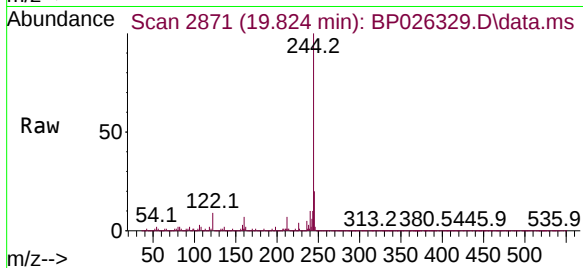
Tgt Ion:244 Resp: 4567402

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 8.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.812 min Scan# 3719

Delta R.T. -0.024 min

Lab File: BP026329.D

Acq: 15 Dec 2025 17:34

Tgt Ion:264 Resp: 1247247

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.4 17.5 26.3

