

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
 Data File : BP026173.D
 Acq On : 20 Nov 2025 13:54
 Operator : RC/JU
 Sample : Q3664-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0001

Quant Time: Nov 20 14:14:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	261363	20.000	ng	-0.01
21) Naphthalene-d8	10.437	136	975907	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	553830	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1085593	20.000	ng	-0.01
76) Chrysene-d12	21.566	240	1196451	20.000	ng	0.00
86) Perylene-d12	24.883	264	1441160	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1286442	79.003	ng	0.00
7) Phenol-d6	6.843	99	1587680	76.588	ng	-0.01
23) Nitrobenzene-d5	8.802	82	947003	55.120	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	533935	74.317	ng	-0.01
45) 2-Fluorobiphenyl	12.919	172	2179628	57.679	ng	-0.01
79) Terphenyl-d14	19.866	244	3188443	54.339	ng	0.00

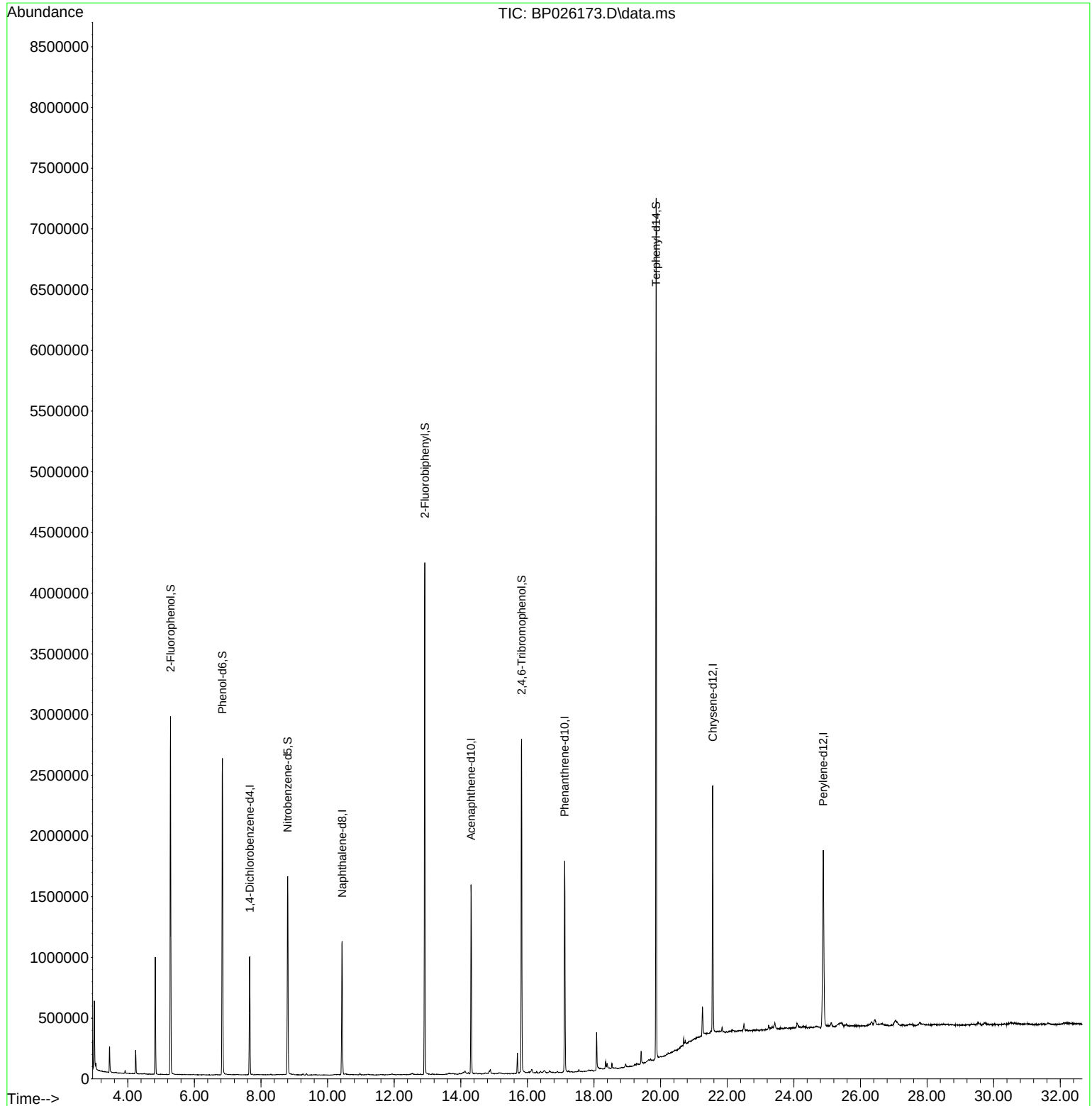
Target Compounds	Qvalue

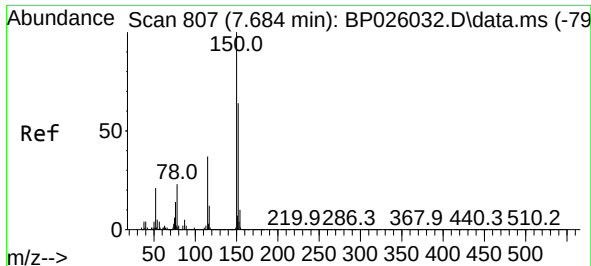
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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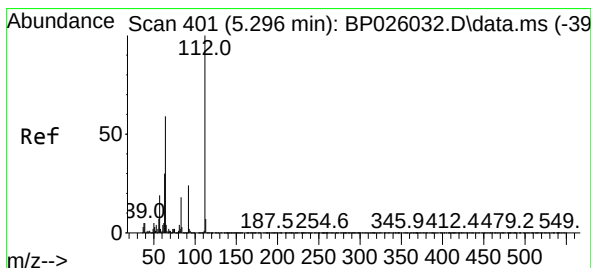
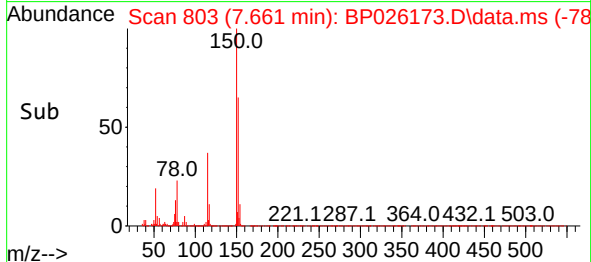
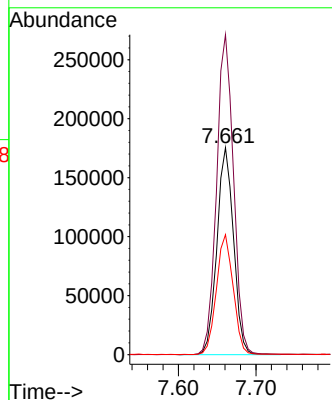
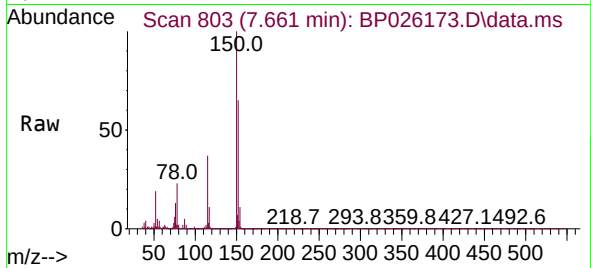




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

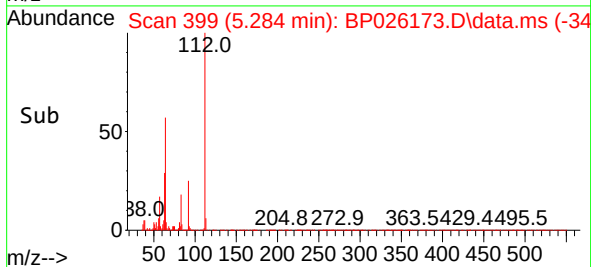
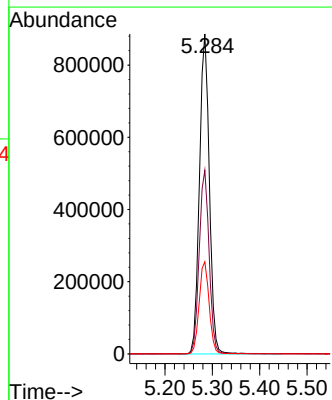
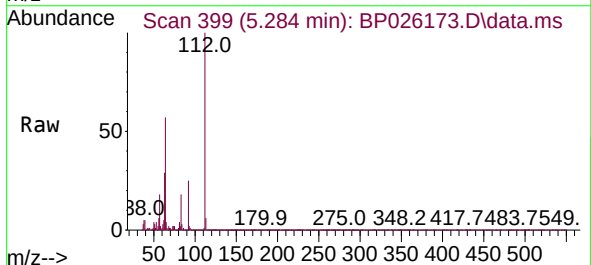
Instrument :
BNA_P
ClientSampleId :
ARS20-0001

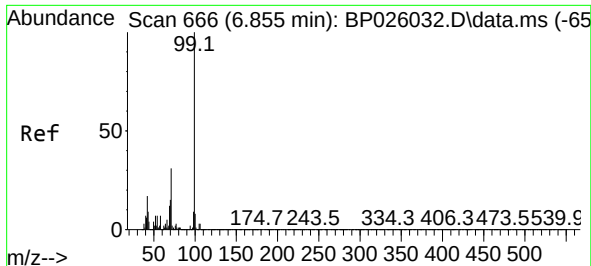
Tgt Ion:152 Resp: 261363
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.6
115 57.9 46.3 69.5



#5
2-Fluorophenol
Concen: 79.003 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

Tgt Ion:112 Resp: 1286442
Ion Ratio Lower Upper
112 100
64 57.4 45.8 68.6
63 28.8 23.5 35.3

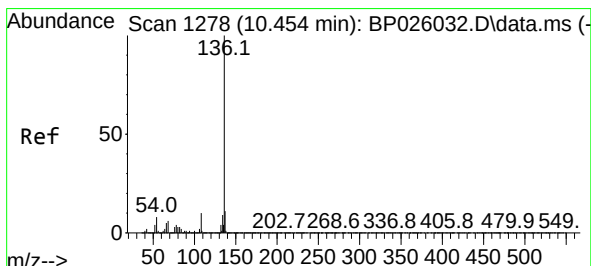
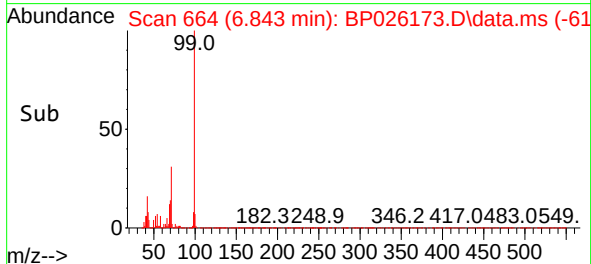
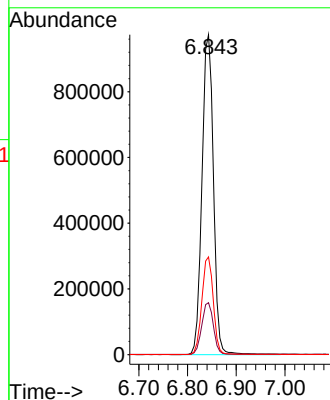
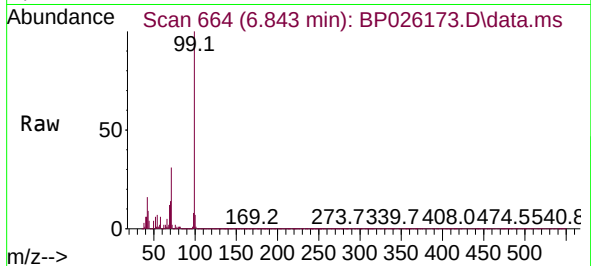




#7
Phenol-d6
Concen: 76.588 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

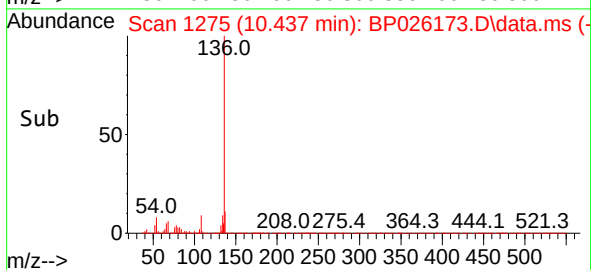
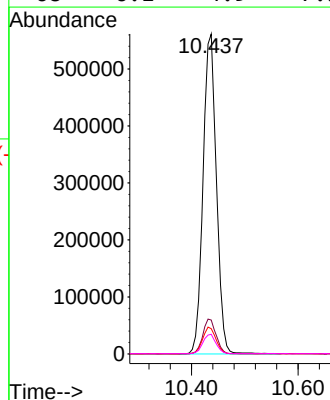
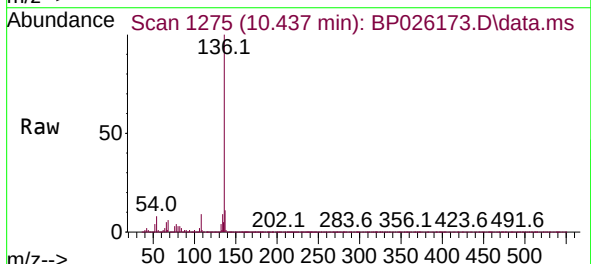
Instrument :
BNA_P
ClientSampleId :
ARS20-0001

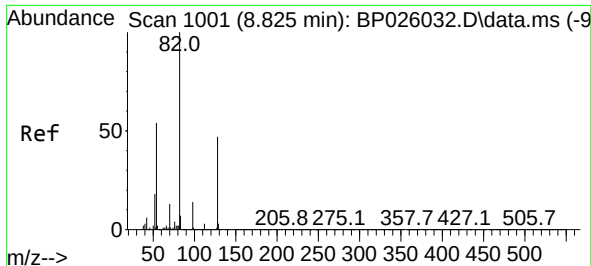
Tgt Ion: 99 Resp: 1587680
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 30.5 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

Tgt Ion: 136 Resp: 975907
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.9 6.4 9.6
68 6.1 4.9 7.3

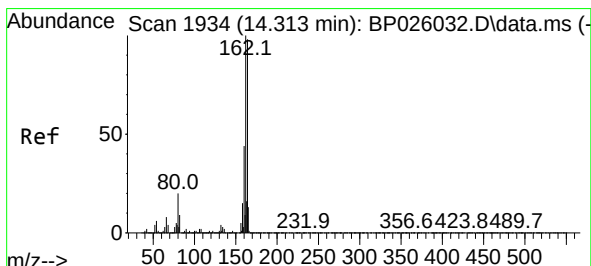
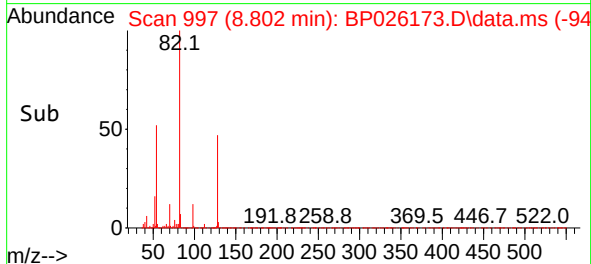
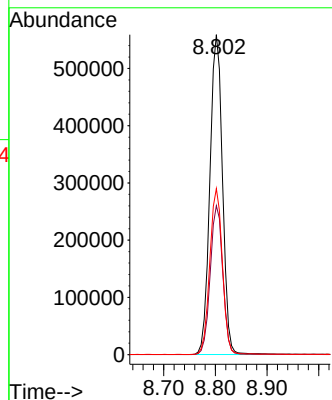
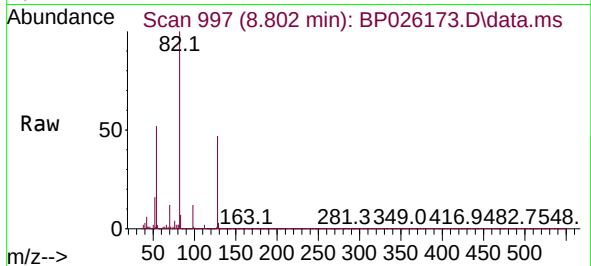




#23
Nitrobenzene-d5
Concen: 55.120 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.012 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

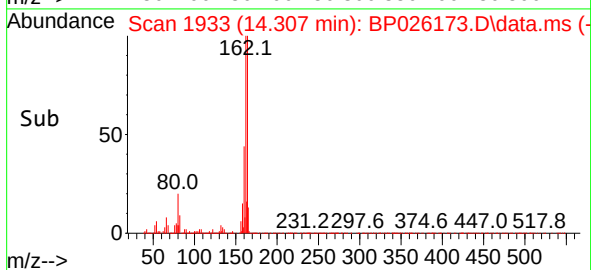
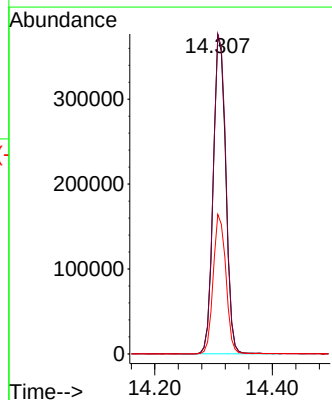
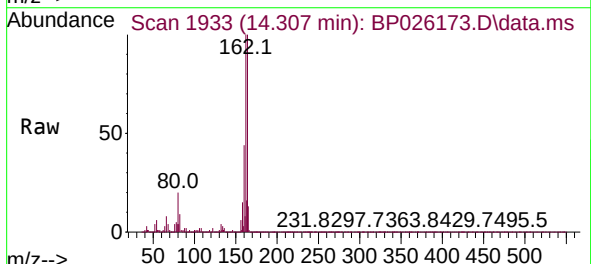
Instrument :
BNA_P
ClientSampleId :
ARS20-0001

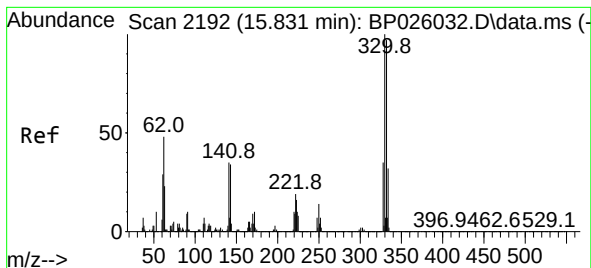
Tgt Ion: 82 Resp: 947003
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.0
54 51.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.017 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

Tgt Ion: 164 Resp: 553830
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 43.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 74.317 ng

RT: 15.825 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026173.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_P

ClientSampleId :

ARS20-0001

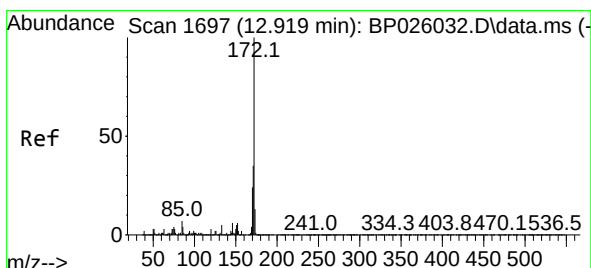
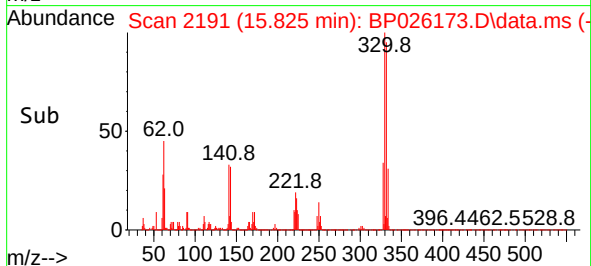
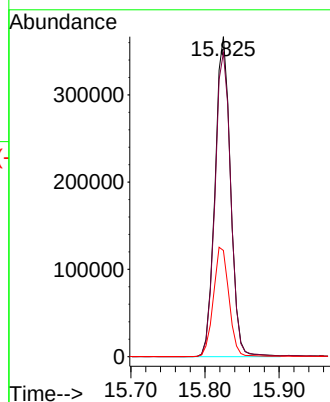
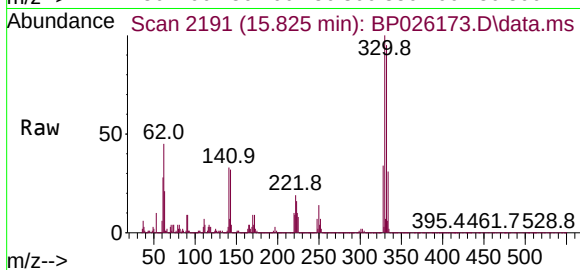
Tgt Ion:330 Resp: 533935

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 34.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 57.679 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026173.D

Acq: 20 Nov 2025 13:54

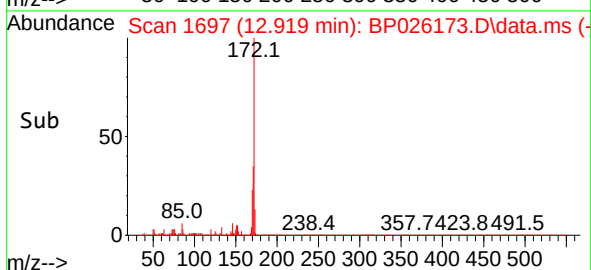
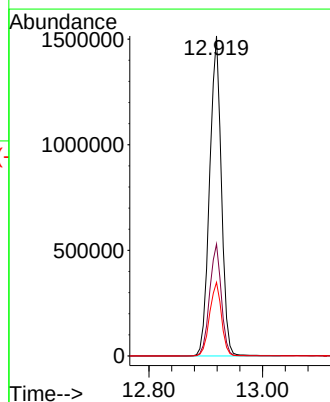
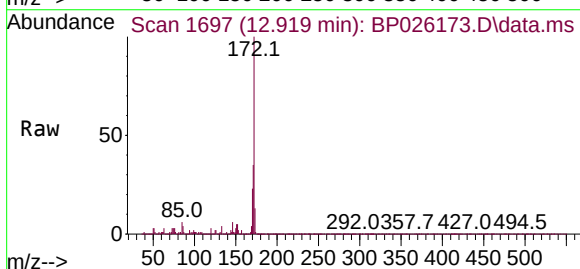
Tgt Ion:172 Resp: 2179628

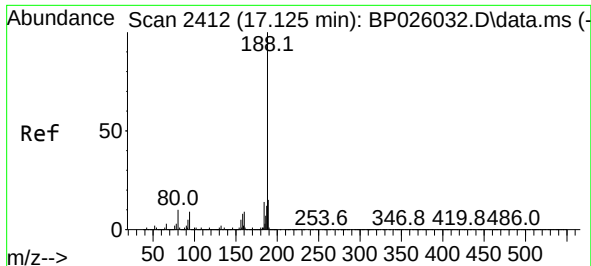
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.0 18.7 28.1

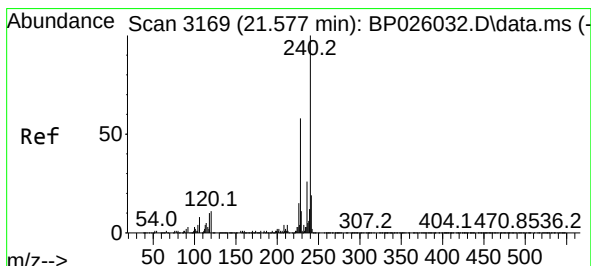
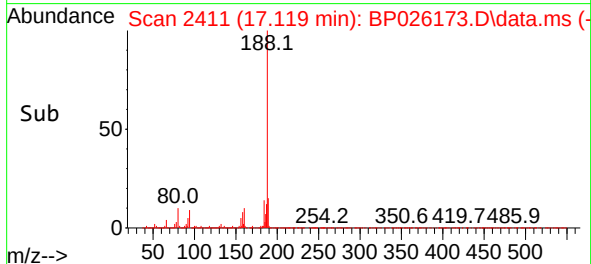
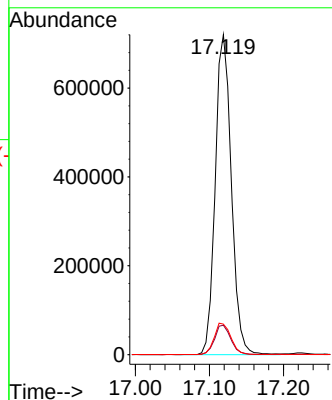
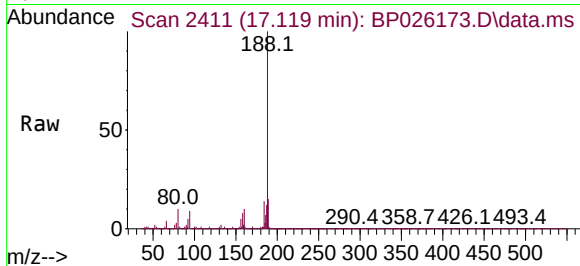




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

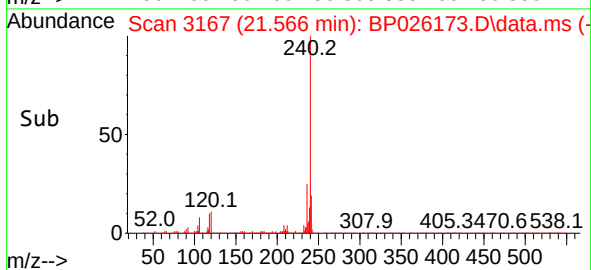
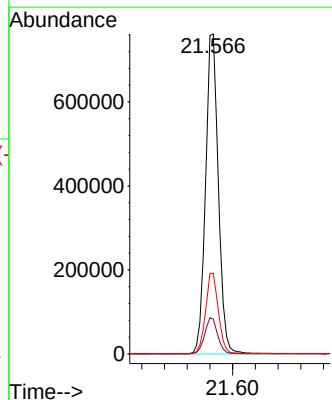
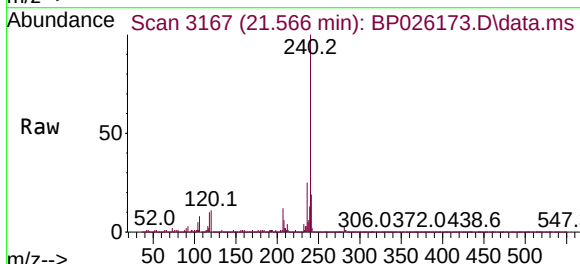
Instrument :
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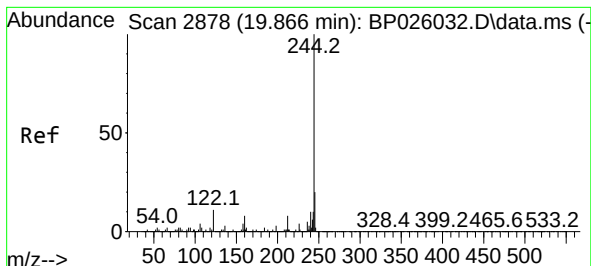
Tgt Ion:188 Resp: 1085593
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.5 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BP026173.D
Acq: 20 Nov 2025 13:54

Tgt Ion:240 Resp: 1196451
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 54.339 ng

RT: 19.866 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP026173.D

Acq: 20 Nov 2025 13:54

Instrument :

BNA_P

ClientSampleId :

ARS20-0001

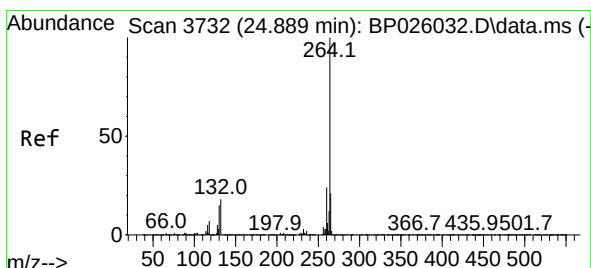
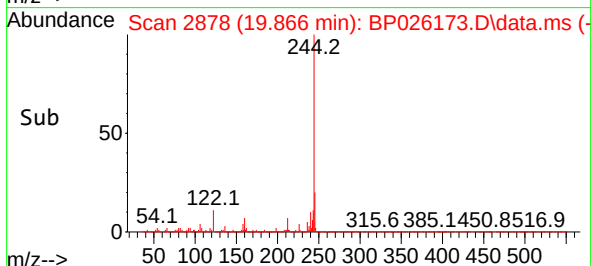
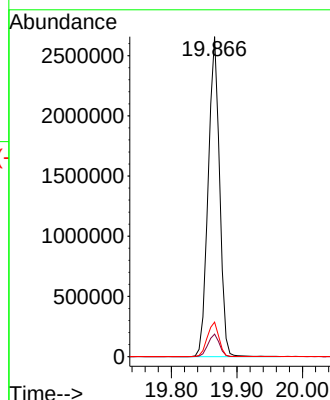
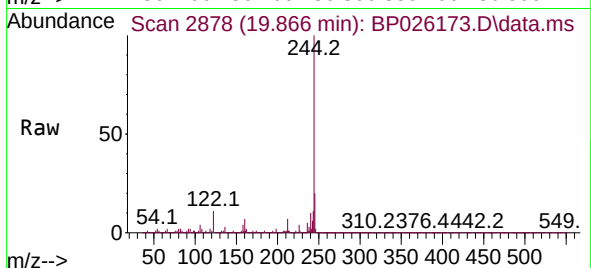
Tgt Ion:244 Resp: 3188443

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.8 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.883 min Scan# 3731

Delta R.T. -0.023 min

Lab File: BP026173.D

Acq: 20 Nov 2025 13:54

Tgt Ion:264 Resp: 1441160

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.5 17.5 26.3

