

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
 Data File : BP026186.D
 Acq On : 21 Nov 2025 16:21
 Operator : RC/JU
 Sample : Q3697-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0332

Quant Time: Nov 21 16:41:14 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	289291	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1095157	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	661068	20.000	ng	-0.02
64) Phenanthrene-d10	17.125	188	1296250	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1471039	20.000	ng	0.00
86) Perylene-d12	24.889	264	1726309	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1613144	89.503	ng	0.00
7) Phenol-d6	6.837	99	2004342	87.354	ng	-0.02
23) Nitrobenzene-d5	8.802	82	1198255	62.150	ng	-0.01
42) 2,4,6-Tribromophenol	15.837	330	754653	87.999	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	2837035	62.897	ng	-0.02
79) Terphenyl-d14	19.866	244	4486905	62.194	ng	0.00

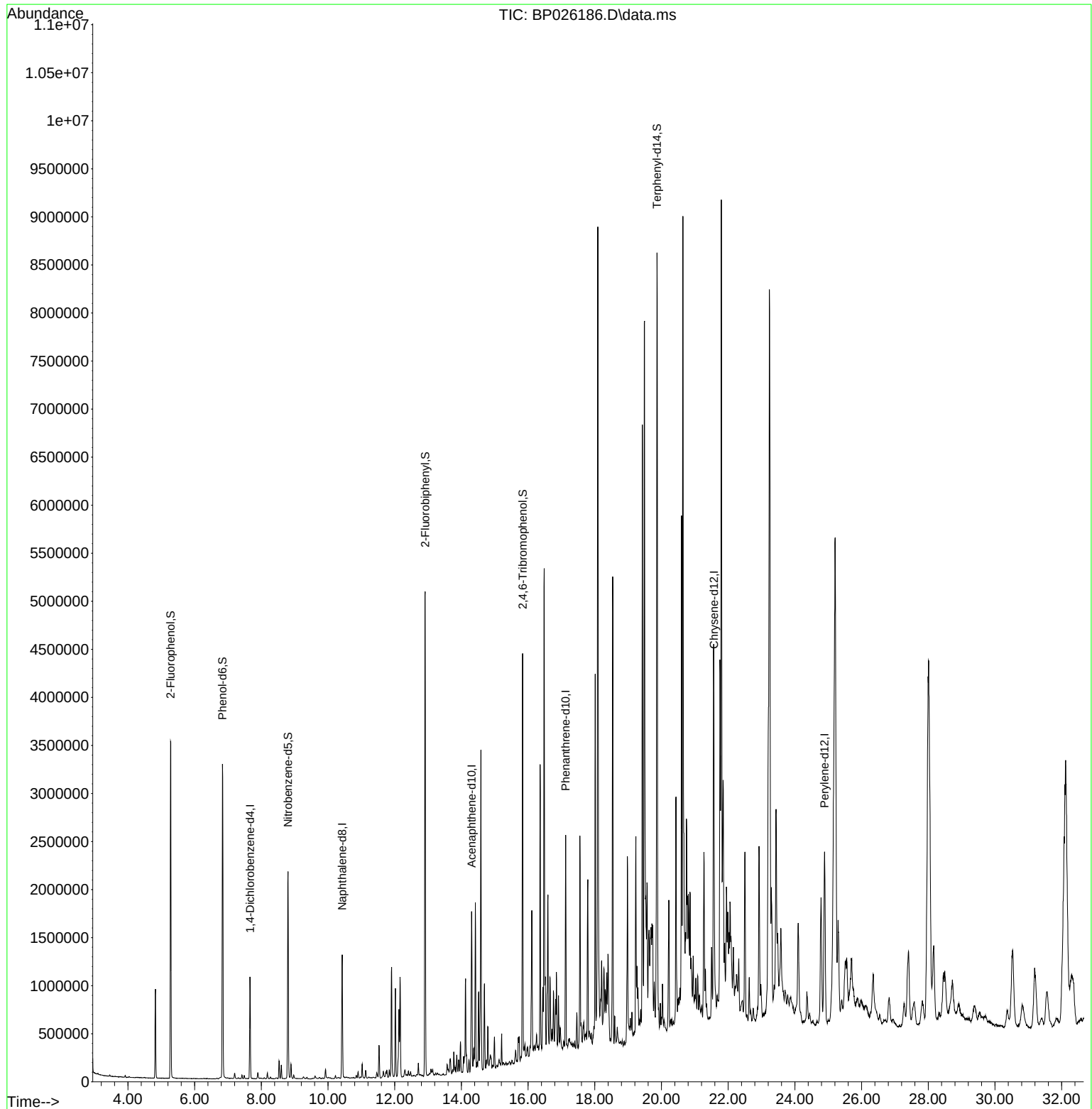
Target Compounds	Qvalue

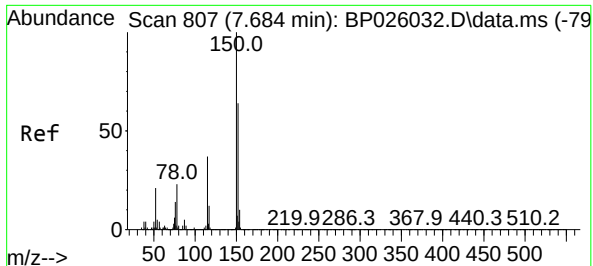
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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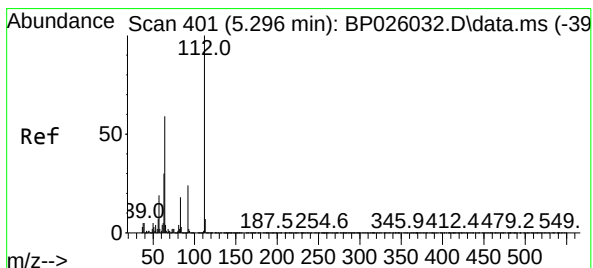
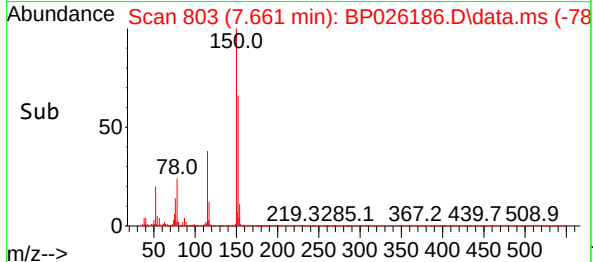
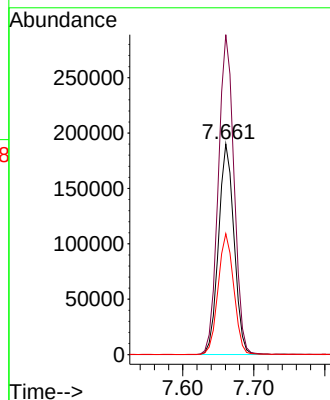
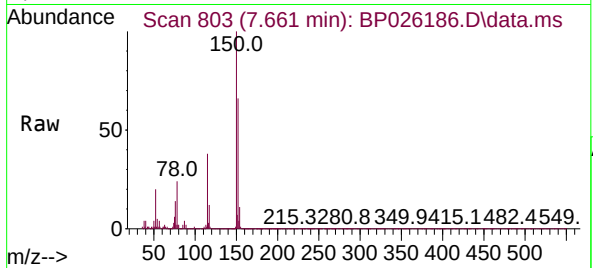




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

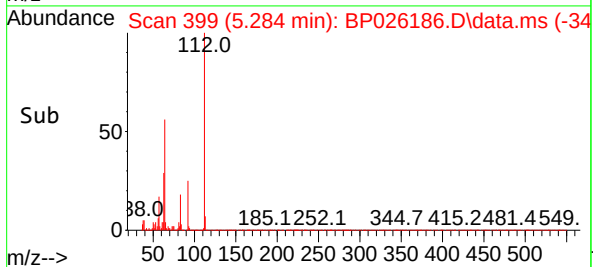
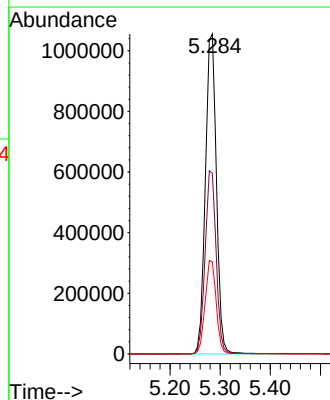
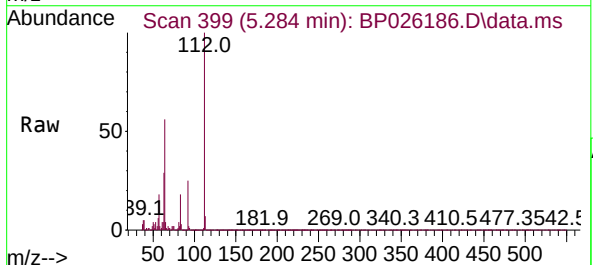
Instrument :
BNA_P
ClientSampleId :
MOO-25-0332

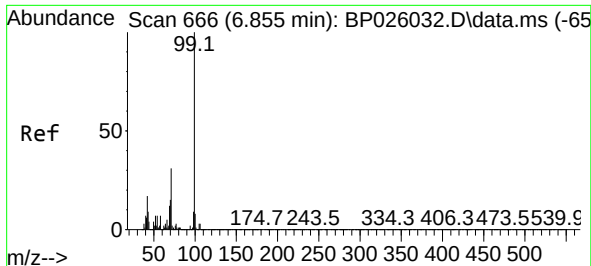
Tgt Ion:152 Resp: 289291
Ion Ratio Lower Upper
152 100
150 151.9 123.0 184.6
115 57.4 46.3 69.5



#5
2-Fluorophenol
Concen: 89.503 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

Tgt Ion:112 Resp: 1613144
Ion Ratio Lower Upper
112 100
64 56.4 45.8 68.6
63 28.8 23.5 35.3

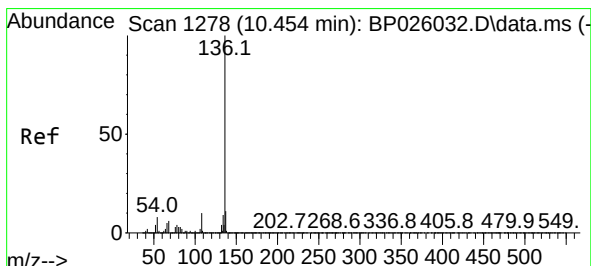
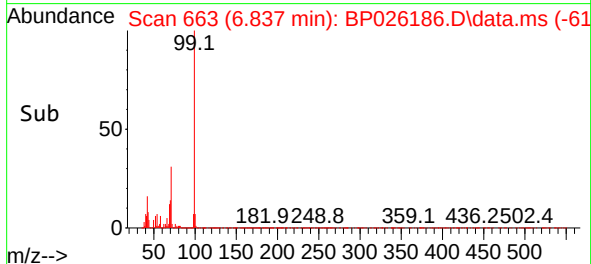
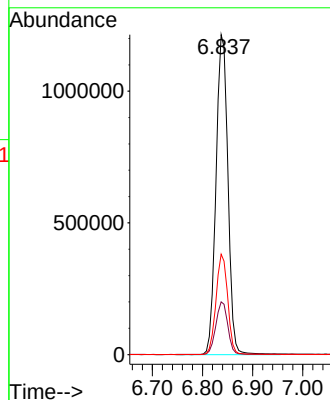
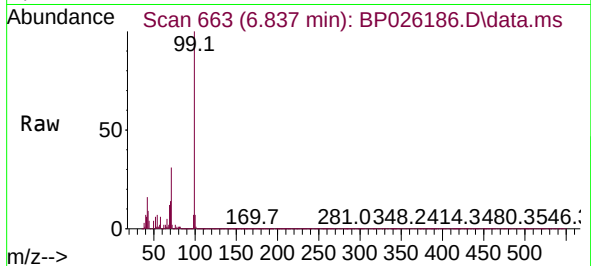




#7
Phenol-d6
Concen: 87.354 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.017 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

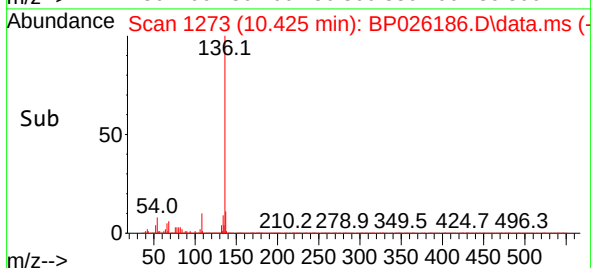
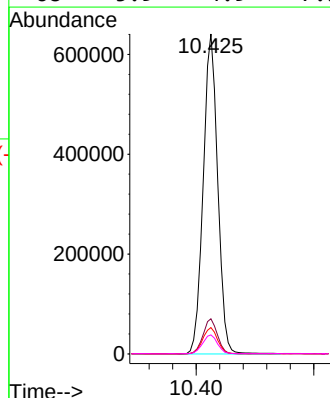
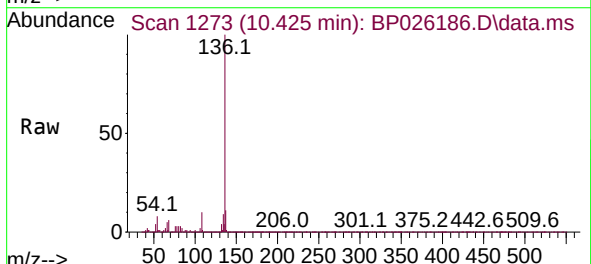
Instrument :
BNA_P
ClientSampleId :
MOO-25-0332

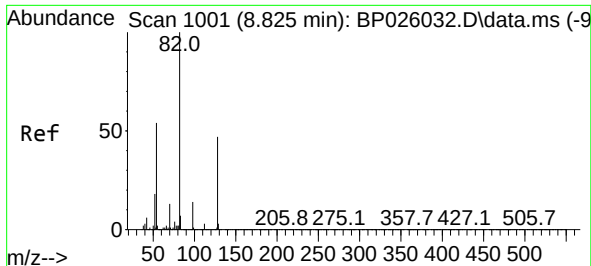
Tgt Ion: 99 Resp: 2004342
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 31.4 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

Tgt Ion:136 Resp: 1095157
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.2 6.4 9.6
68 5.9 4.9 7.3

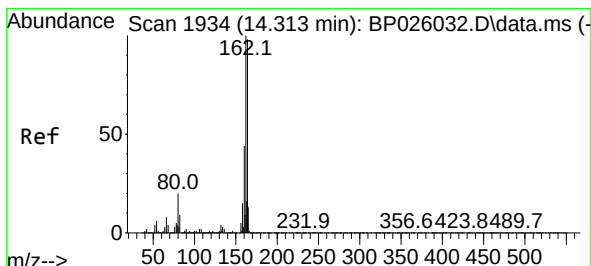
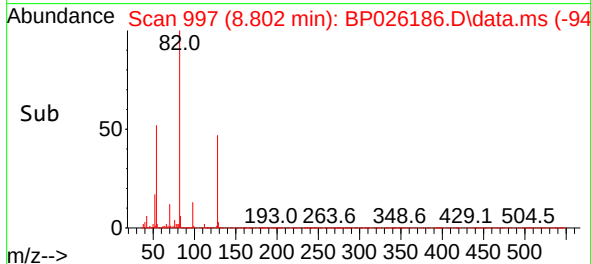
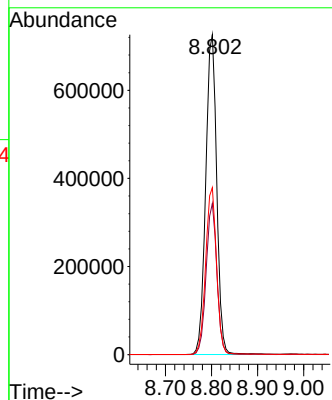
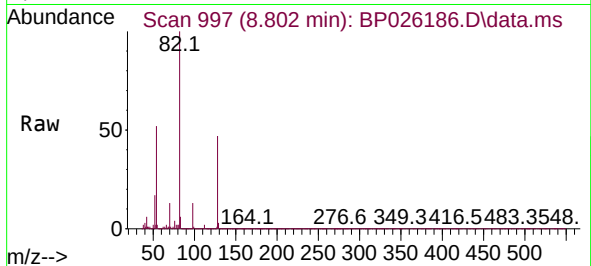




#23
Nitrobenzene-d5
Concen: 62.150 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.012 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

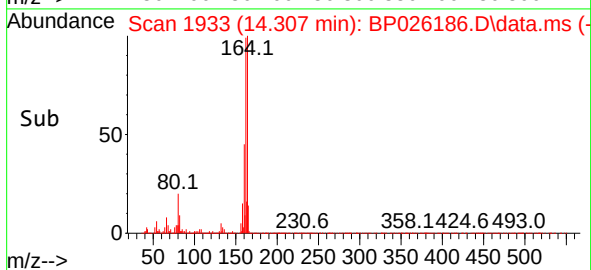
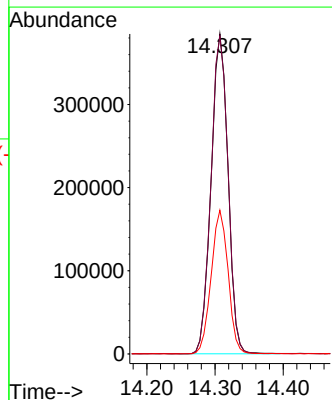
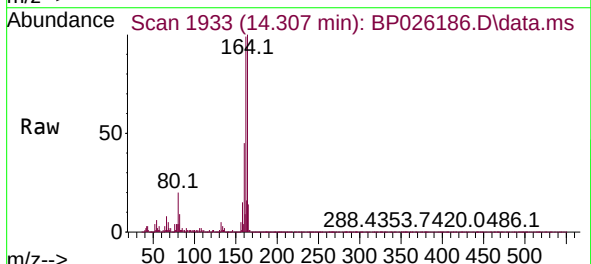
Instrument :
BNA_P
ClientSampleId :
MOO-25-0332

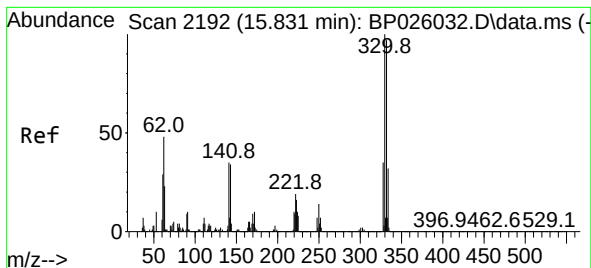
Tgt Ion: 82 Resp: 1198255
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 52.2 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.017 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

Tgt Ion:164 Resp: 661068
Ion Ratio Lower Upper
164 100
162 99.4 80.3 120.5
160 44.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 87.999 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP026186.D

Acq: 21 Nov 2025 16:21

Instrument :

BNA_P

ClientSampleId :

MOO-25-0332

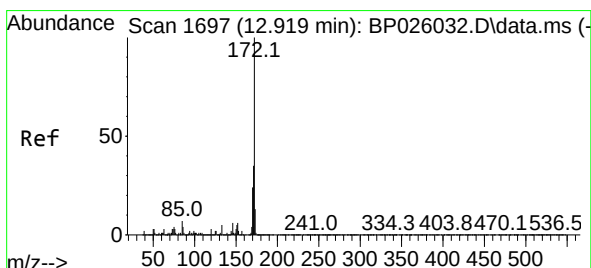
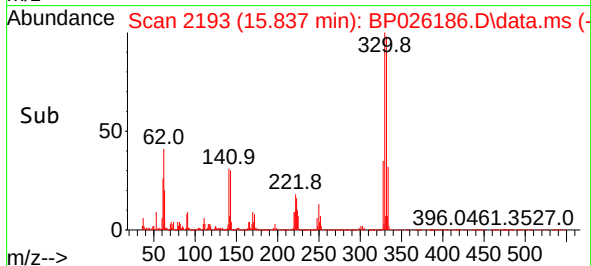
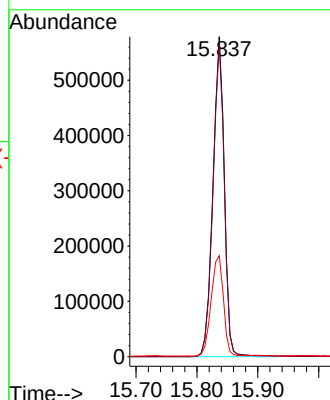
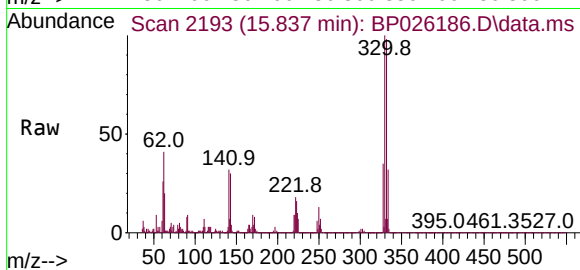
Tgt Ion:330 Resp: 754653

Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 33.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 62.897 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.017 min

Lab File: BP026186.D

Acq: 21 Nov 2025 16:21

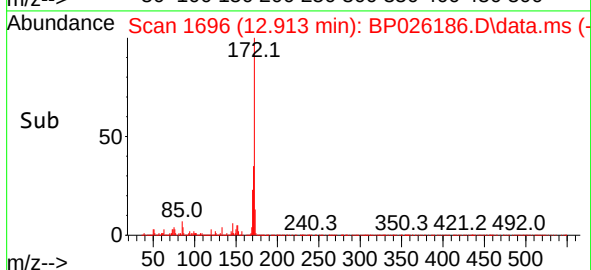
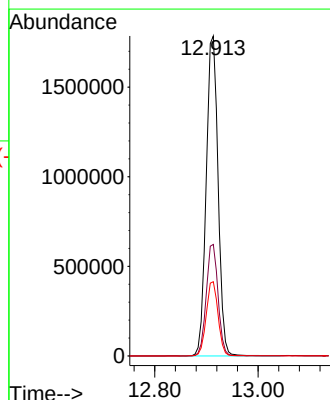
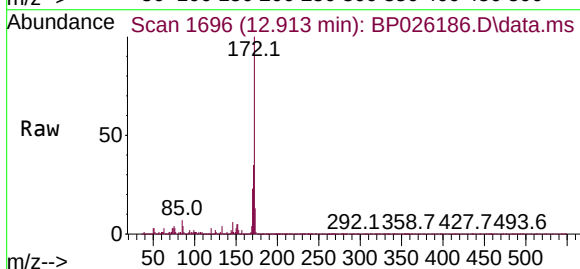
Tgt Ion:172 Resp: 2837035

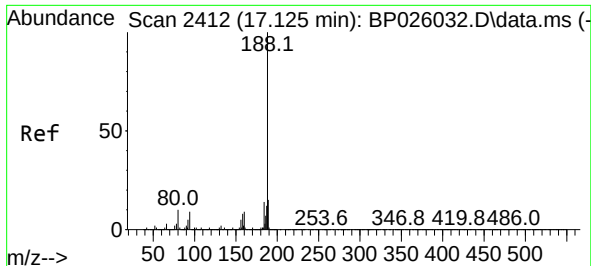
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.2 18.7 28.1

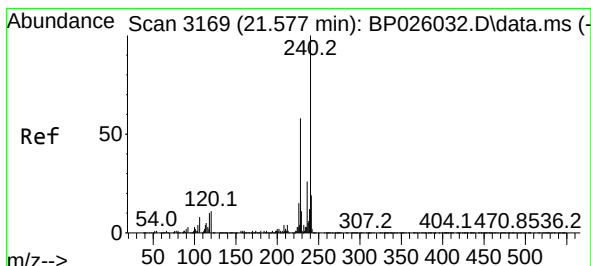
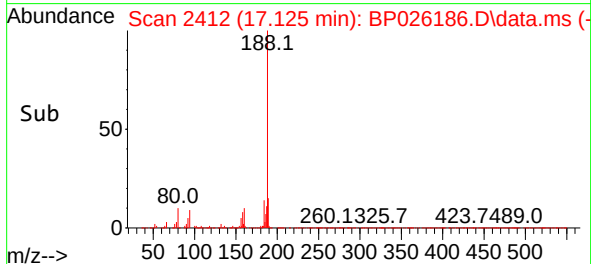
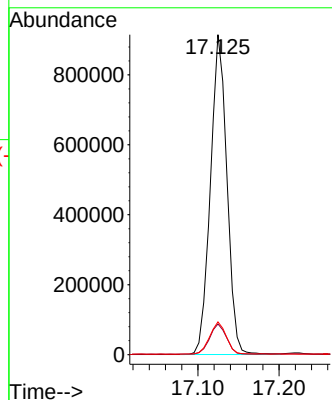
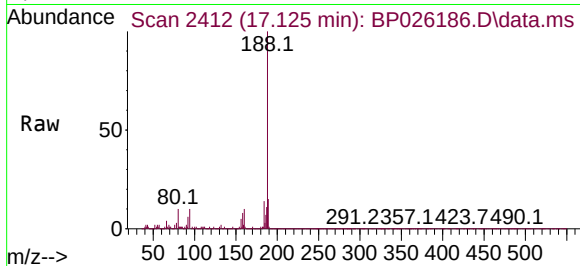




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

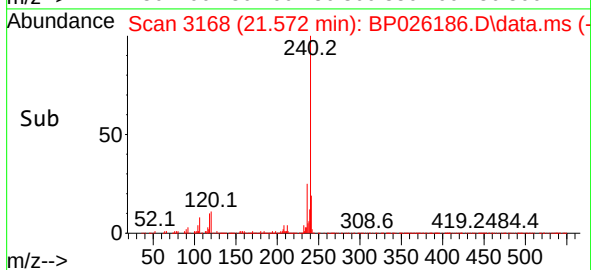
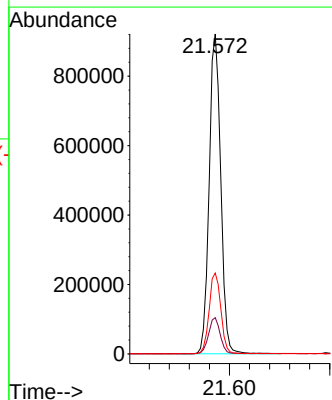
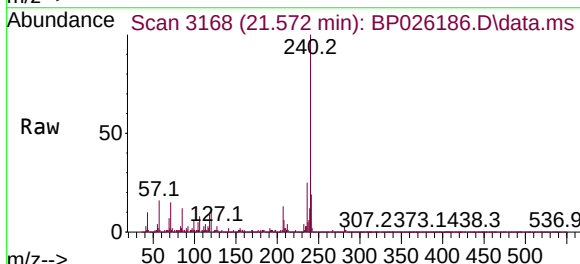
Instrument :
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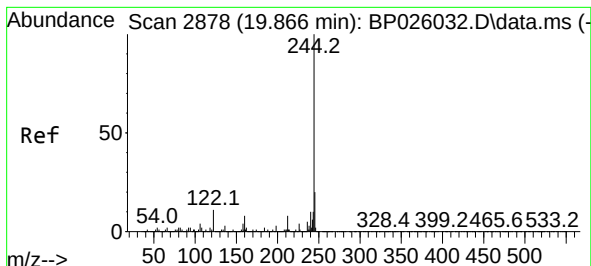
Tgt Ion:188 Resp: 1296250
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026186.D
Acq: 21 Nov 2025 16:21

Tgt Ion:240 Resp: 1471039
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 62.194 ng

RT: 19.866 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP026186.D

Acq: 21 Nov 2025 16:21

Instrument :

BNA_P

ClientSampleId :

MOO-25-0332

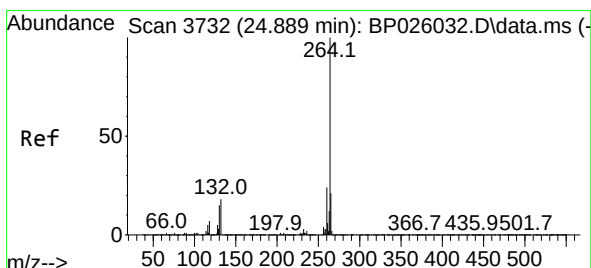
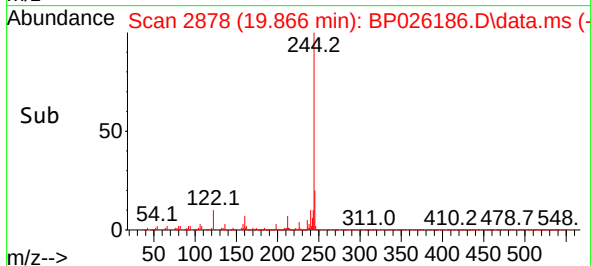
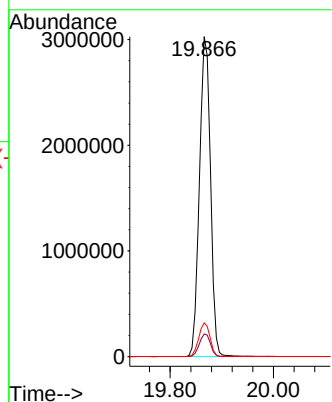
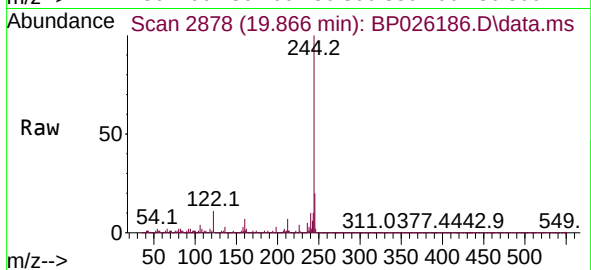
Tgt Ion:244 Resp: 4486905

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.889 min Scan# 3732

Delta R.T. -0.017 min

Lab File: BP026186.D

Acq: 21 Nov 2025 16:21

Tgt Ion:264 Resp: 1726309

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.1 17.5 26.3

