

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026309.D
 Acq On : 12 Dec 2025 12:12
 Operator : RC/JU
 Sample : Q3826-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Dec 12 12:32:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	247621	20.000	ng	-0.01
21) Naphthalene-d8	10.408	136	945802	20.000	ng	-0.01
39) Acenaphthene-d10	14.290	164	606954	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1203815	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1214844	20.000	ng	0.00
86) Perylene-d12	24.824	264	1210424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1808109	117.392	ng	0.00
7) Phenol-d6	6.843	99	2040341	104.945	ng	0.00
23) Nitrobenzene-d5	8.790	82	1448913	87.199	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	1136026	143.924	ng	0.00
45) 2-Fluorobiphenyl	12.896	172	3601401	86.267	ng	0.00
79) Terphenyl-d14	19.825	244	5638549	94.866	ng	-0.01

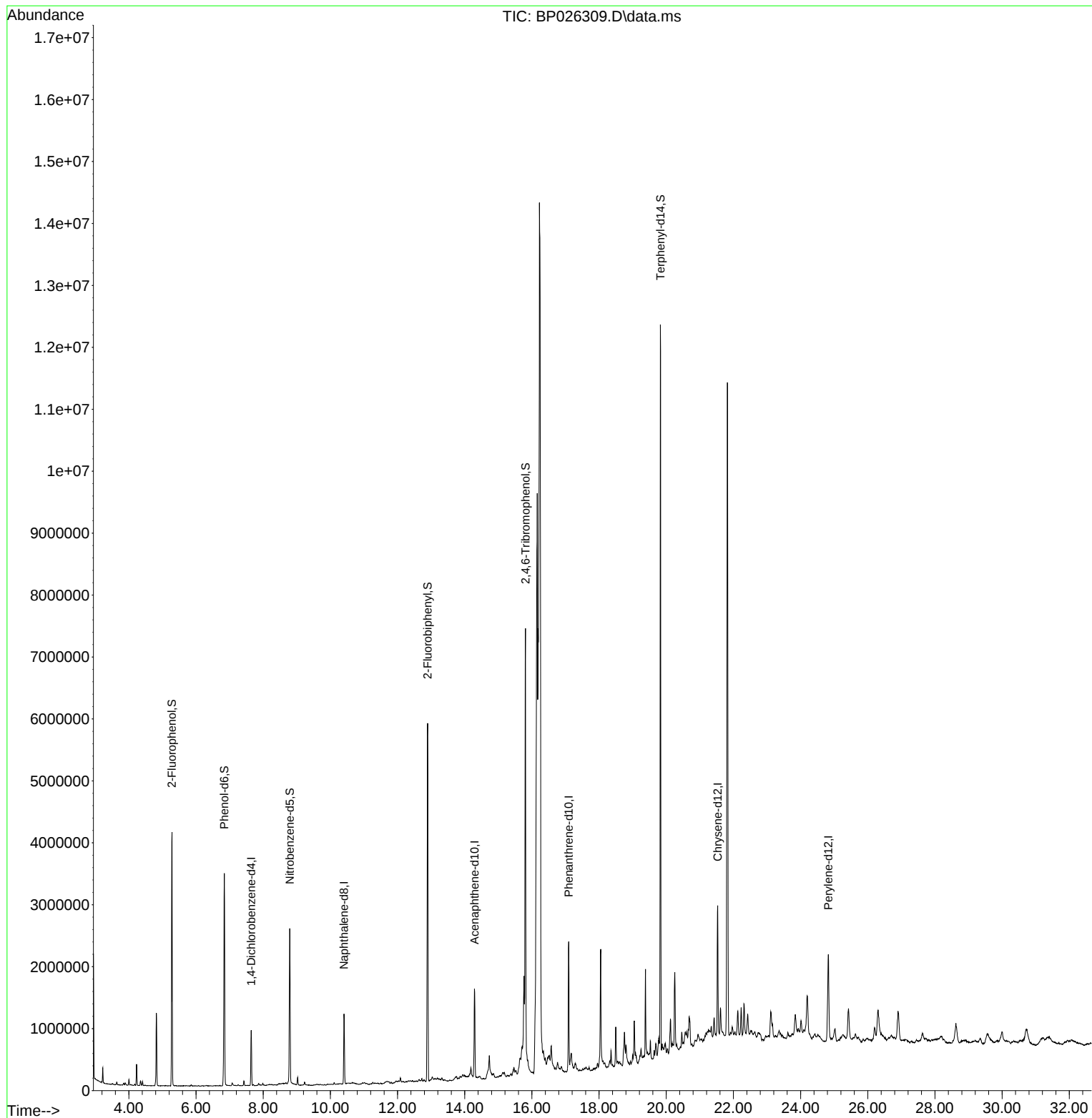
Target Compounds	Qvalue

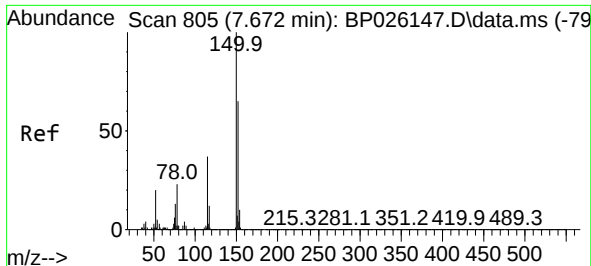
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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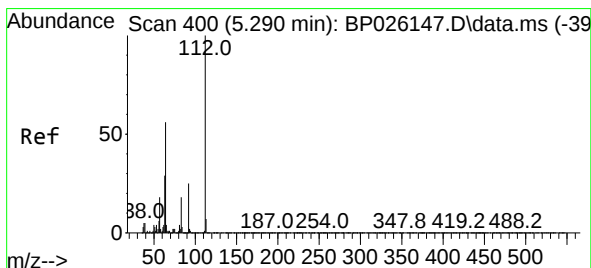
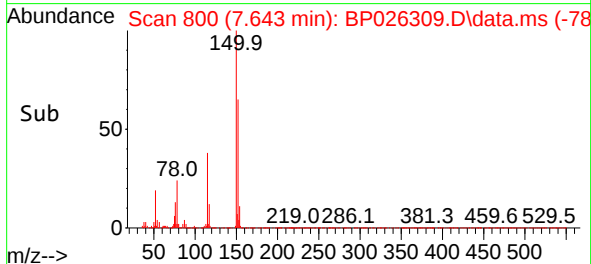
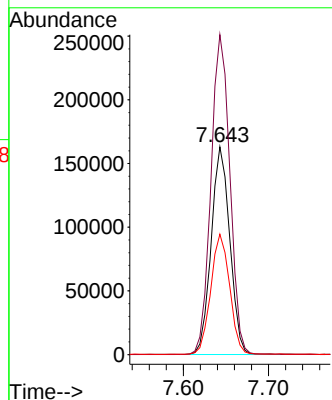
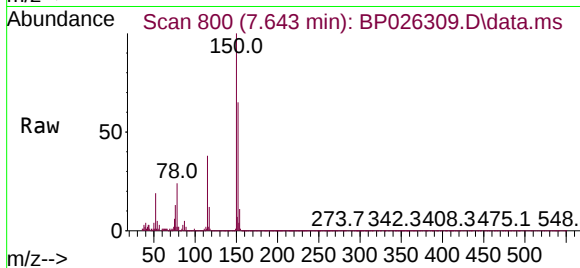




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.643 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

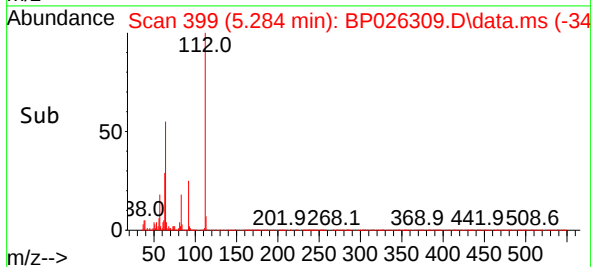
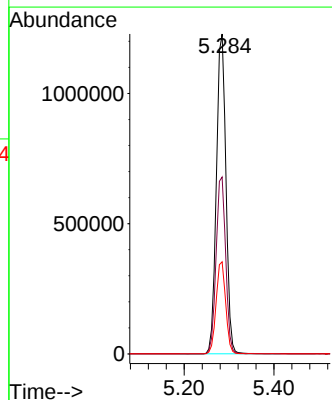
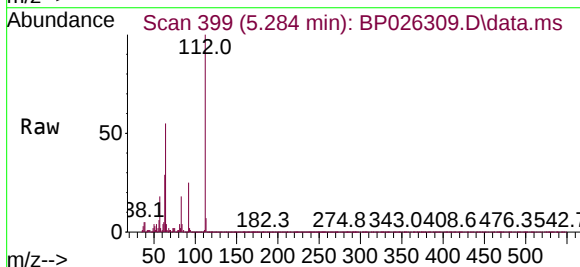
Instrument :
BNA_P
ClientSampleId :
TP-3

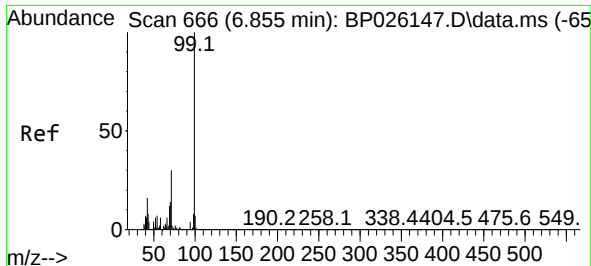
Tgt Ion:152 Resp: 247621
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 57.9 46.3 69.5



#5
2-Fluorophenol
Concen: 117.392 ng
RT: 5.284 min Scan# 399
Delta R.T. 0.006 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

Tgt Ion:112 Resp: 1808109
Ion Ratio Lower Upper
112 100
64 55.3 45.8 68.6
63 28.8 23.5 35.3

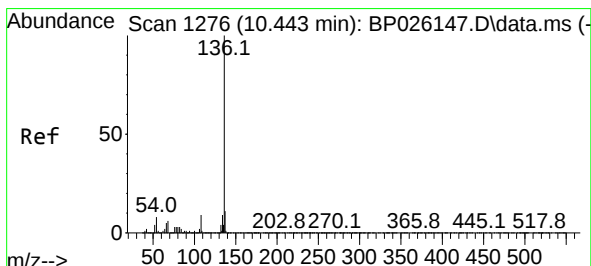
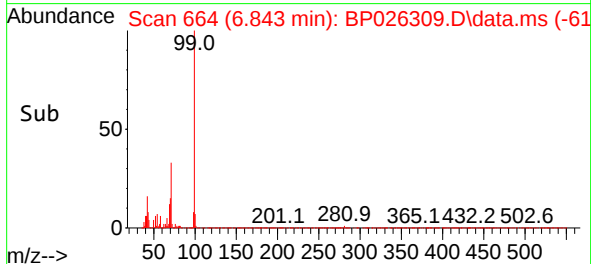
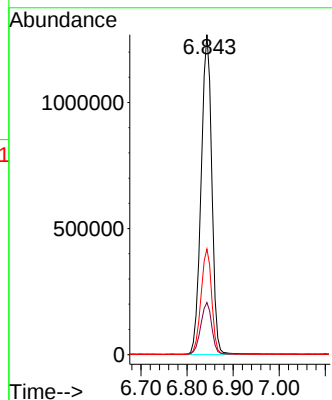
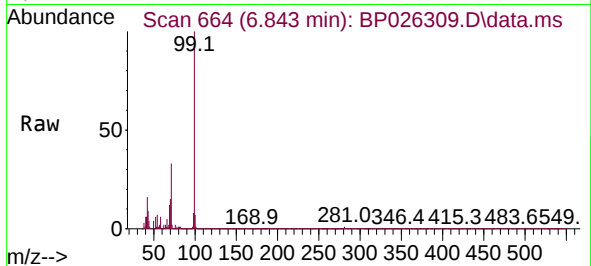




#7
Phenol-d6
Concen: 104.945 ng
RT: 6.843 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

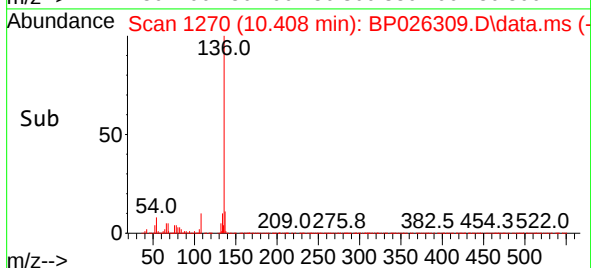
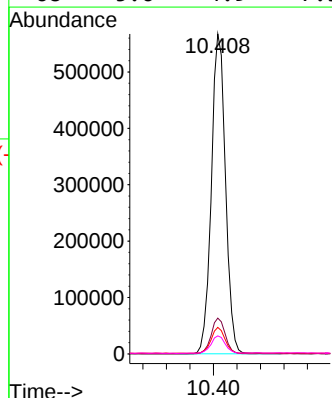
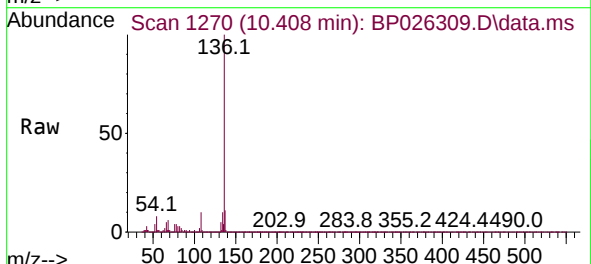
Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 2040341
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 33.0 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.408 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

Tgt Ion: 136 Resp: 945802
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.3 6.4 9.6
68 5.6 4.9 7.3

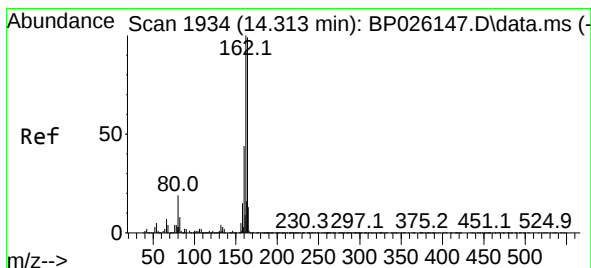
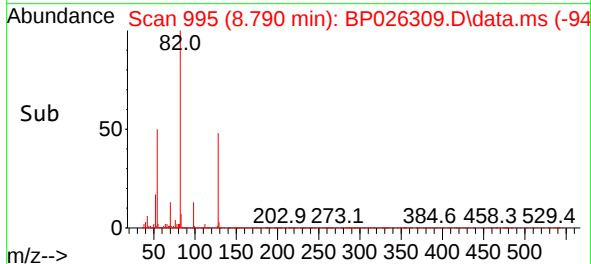
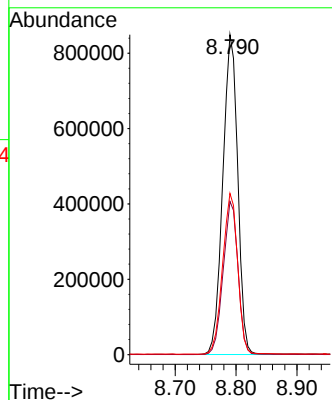
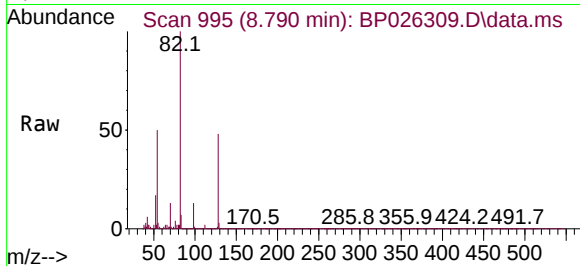




#23
Nitrobenzene-d5
Concen: 87.199 ng
RT: 8.790 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

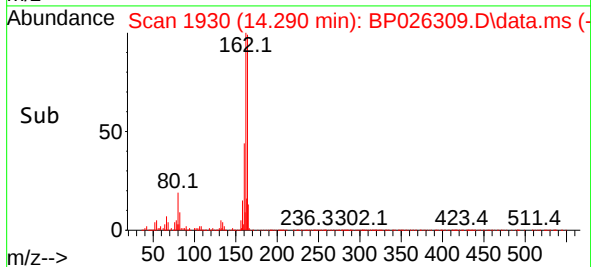
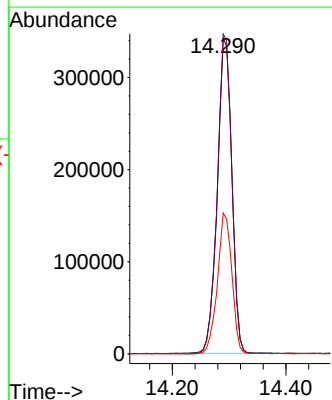
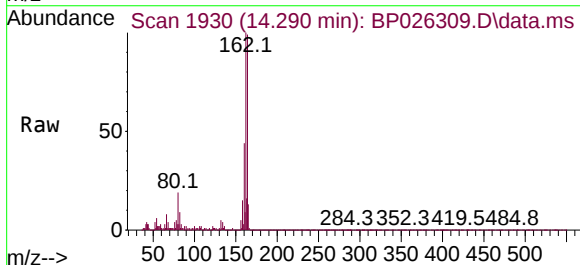
Instrument :
BNA_P
ClientSampleId :
TP-3

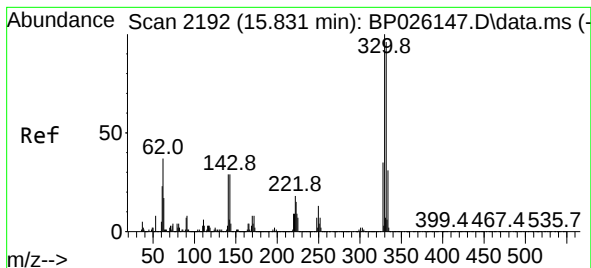
Tgt Ion: 82 Resp: 1448913
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.0
54 50.4 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

Tgt Ion:164 Resp: 606954
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 44.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 143.924 ng

RT: 15.807 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026309.D

Acq: 12 Dec 2025 12:12

Instrument :

BNA_P

ClientSampleId :

TP-3

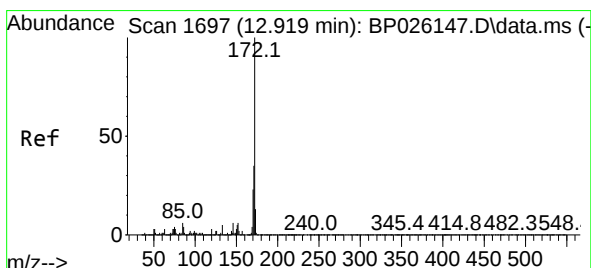
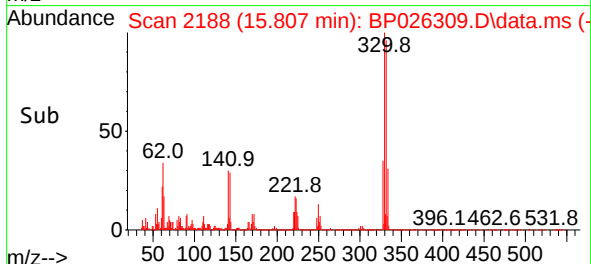
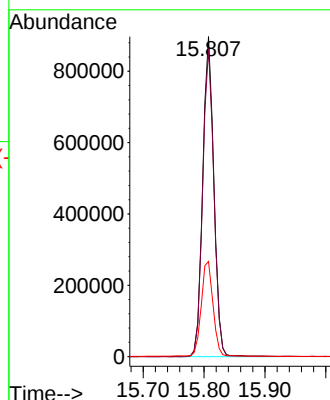
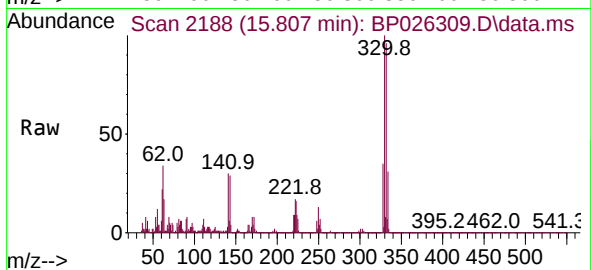
Tgt Ion:330 Resp: 1136026

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 31.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 86.267 ng

RT: 12.896 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP026309.D

Acq: 12 Dec 2025 12:12

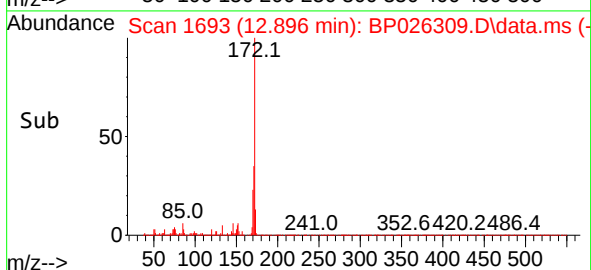
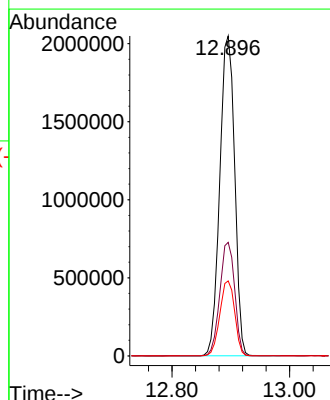
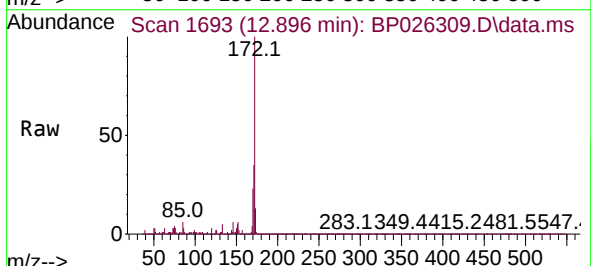
Tgt Ion:172 Resp: 3601401

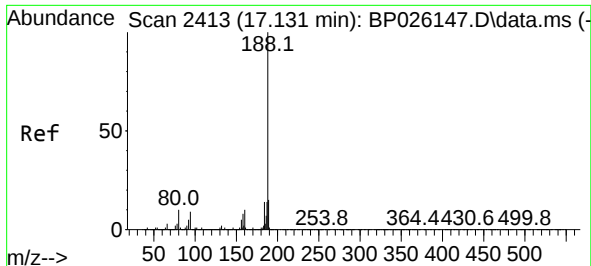
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.4 18.7 28.1

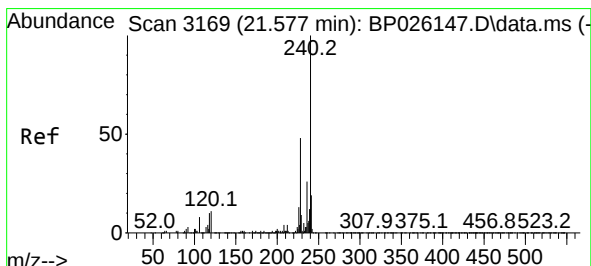
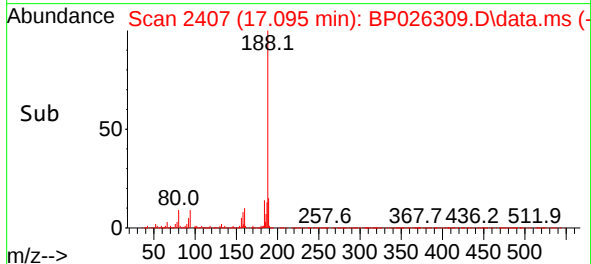
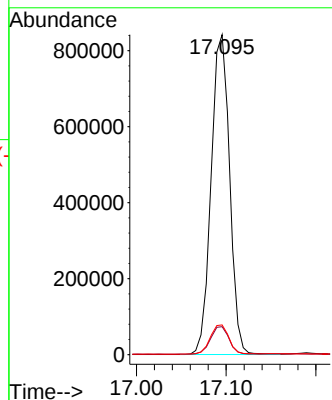
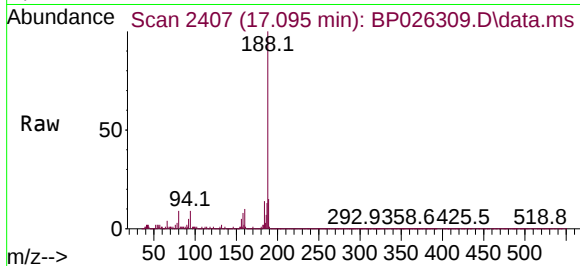




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

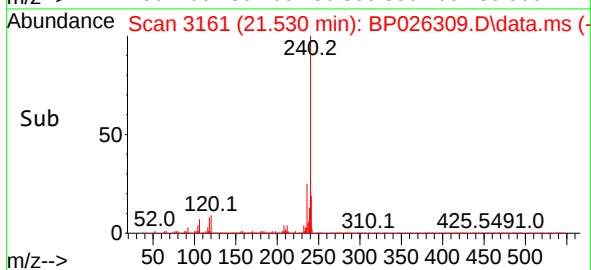
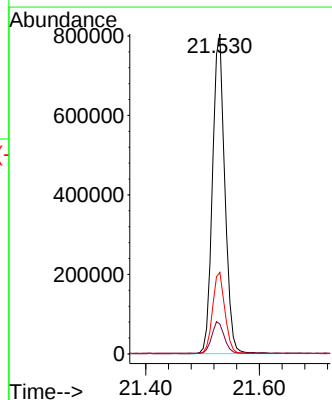
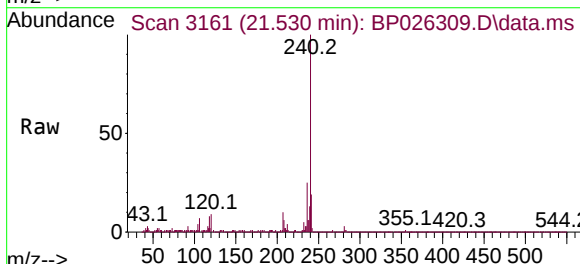
Instrument :
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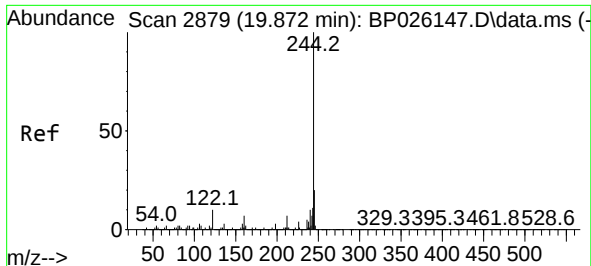
Tgt Ion:188 Resp: 1203815
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.3 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026309.D
Acq: 12 Dec 2025 12:12

Tgt Ion:240 Resp: 1214844
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.4
236 25.5 20.4 30.6

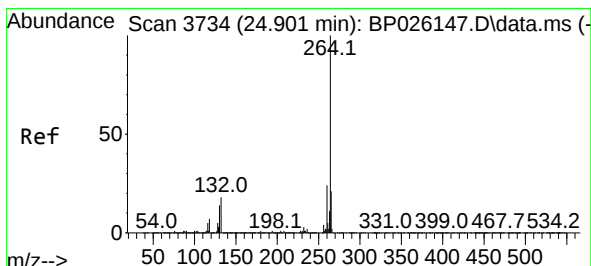
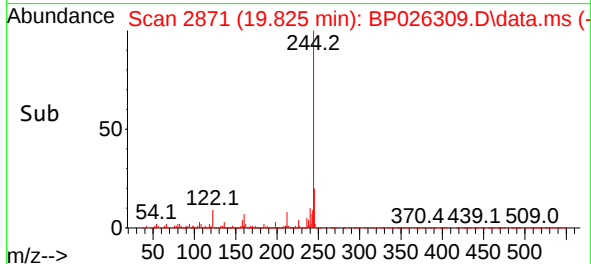
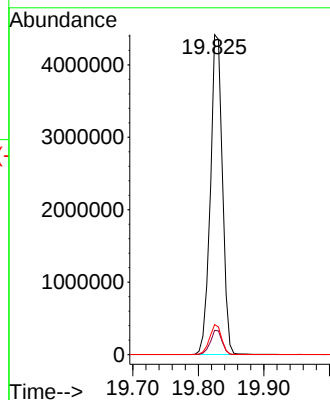
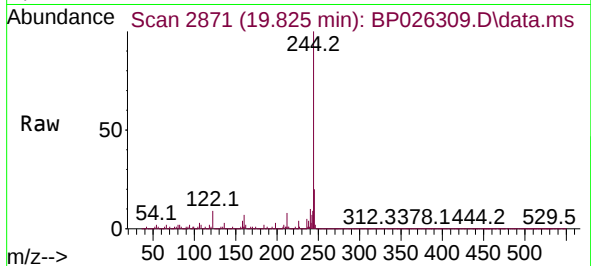




#79
 Terphenyl-d14
 Concen: 94.866 ng
 RT: 19.825 min Scan# 2879
 Delta R.T. -0.012 min
 Lab File: BP026309.D
 Acq: 12 Dec 2025 12:12

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 5638549
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.824 min Scan# 3721
 Delta R.T. 0.000 min
 Lab File: BP026309.D
 Acq: 12 Dec 2025 12:12

Tgt Ion:264 Resp: 1210424
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.2 17.5 26.3

