

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
 Data File : BP026172.D
 Acq On : 20 Nov 2025 13:13
 Operator : RC/JU
 Sample : Q3668-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2015

Quant Time: Nov 20 13:32:50 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	7.666	152	276982	20.000	ng	0.00
21) Naphthalene-d8	10.425	136	1016088	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	586984	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1081399	20.000	ng	-0.01
76) Chrysene-d12	21.572	240	1164560	20.000	ng	0.00
86) Perylene-d12	24.901	264	1420615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1054216	61.091	ng	-0.01
7) Phenol-d6	6.837	99	1456298	66.289	ng	-0.02
23) Nitrobenzene-d5	8.796	82	948293	53.012	ng	-0.02
42) 2,4,6-Tribromophenol	15.819	330	405246	53.220	ng	-0.02
45) 2-Fluorobiphenyl	12.913	172	2198541	54.894	ng	-0.02
79) Terphenyl-d14	19.872	244	2932569	51.347	ng	0.00

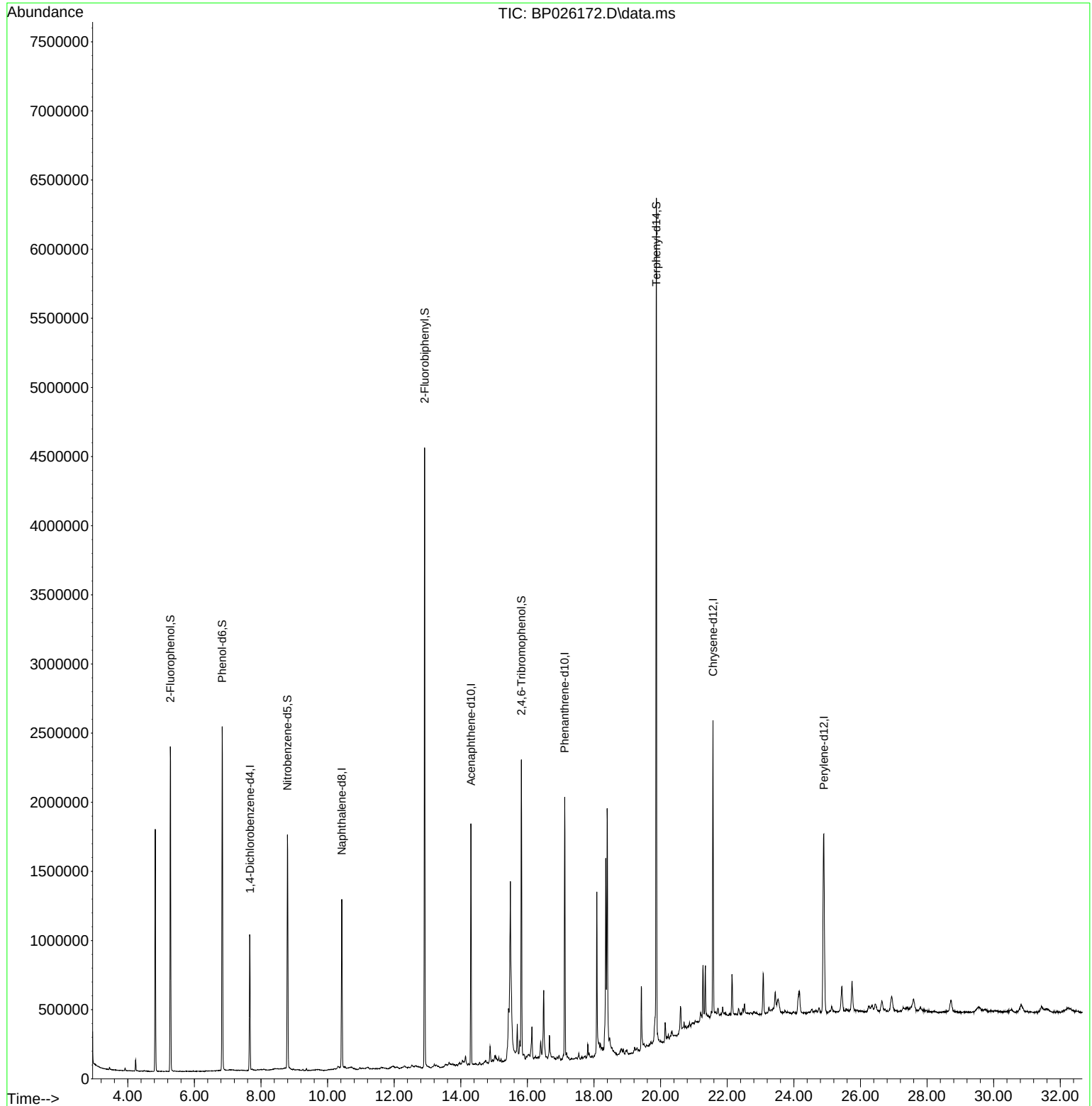
Target Compounds	Qvalue

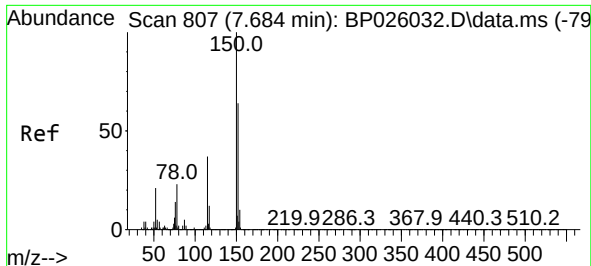
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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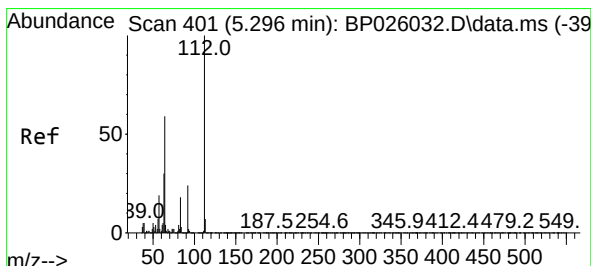
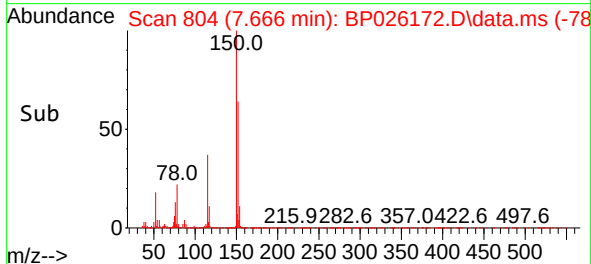
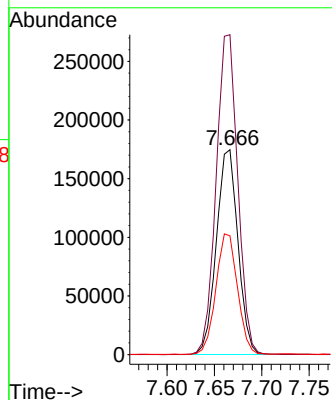
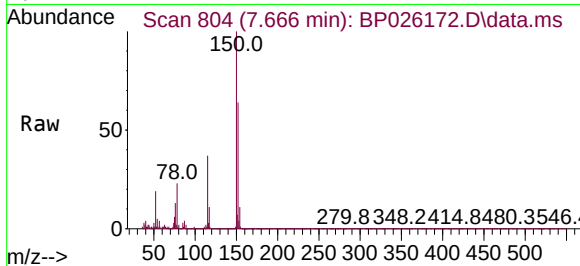




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.666 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026172.D
 Acq: 20 Nov 2025 13:13

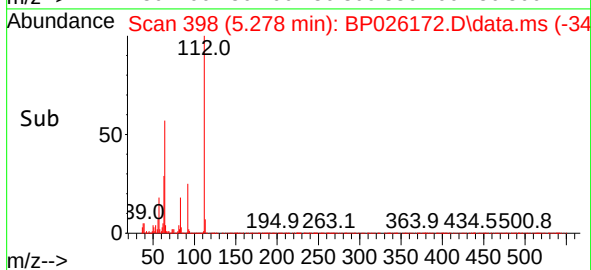
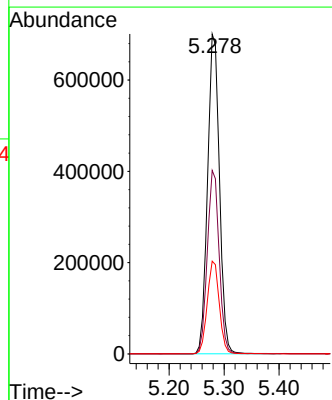
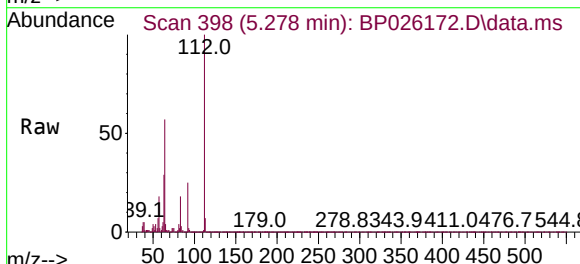
Instrument :
 BNA_P
 ClientSampleId :
 2015

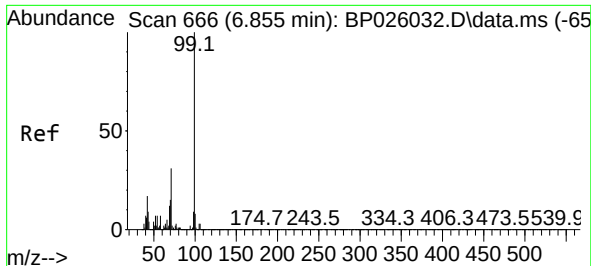
Tgt Ion:152 Resp: 276982
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.6
 115 58.0 46.3 69.5



#5
 2-Fluorophenol
 Concen: 61.091 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.012 min
 Lab File: BP026172.D
 Acq: 20 Nov 2025 13:13

Tgt Ion:112 Resp: 1054216
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.8 68.6
 63 29.0 23.5 35.3

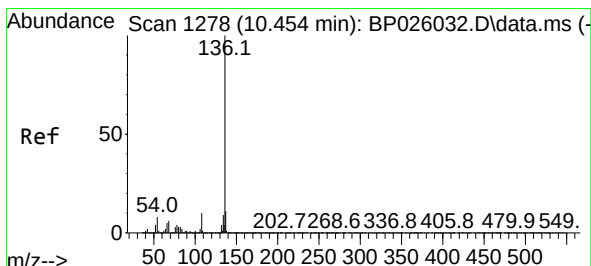
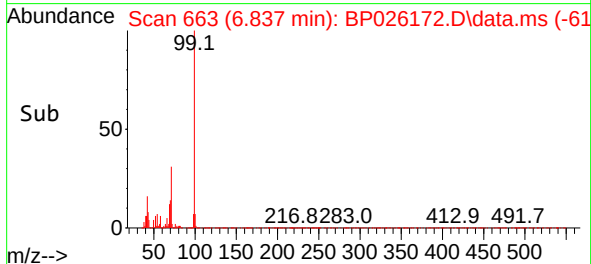
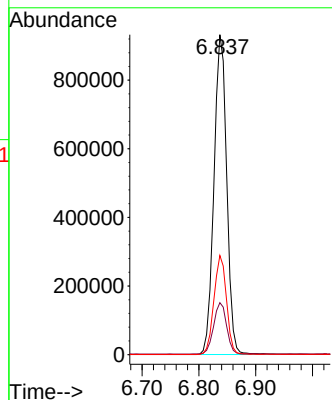
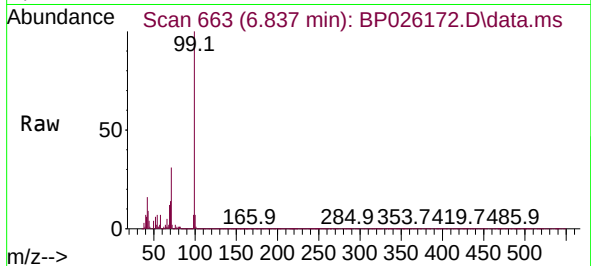




#7
Phenol-d6
Concen: 66.289 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.017 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

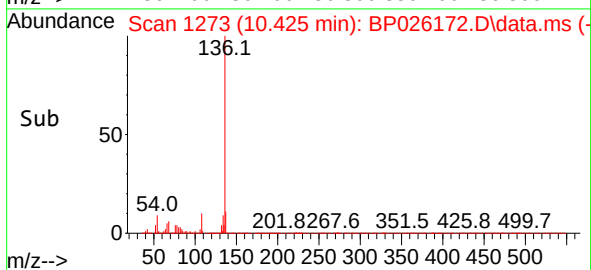
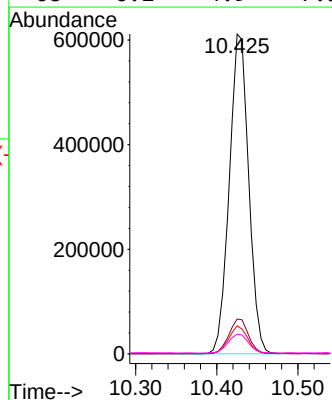
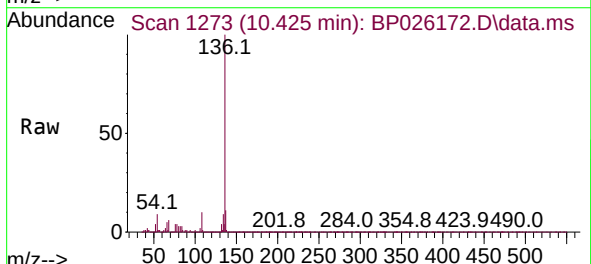
Instrument :
BNA_P
ClientSampleId :
2015

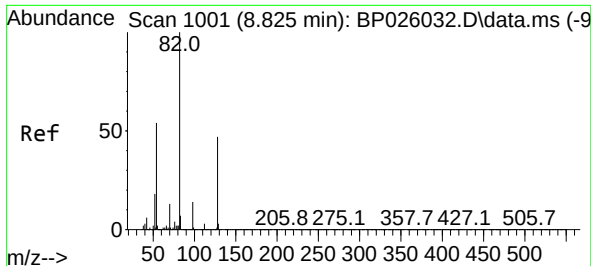
Tgt Ion: 99 Resp: 1456298
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 31.0 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

Tgt Ion: 136 Resp: 1016088
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.8 6.4 9.6
68 6.2 4.9 7.3

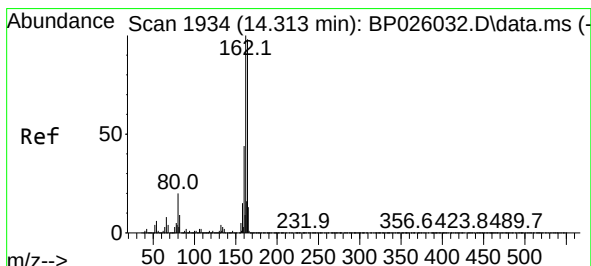
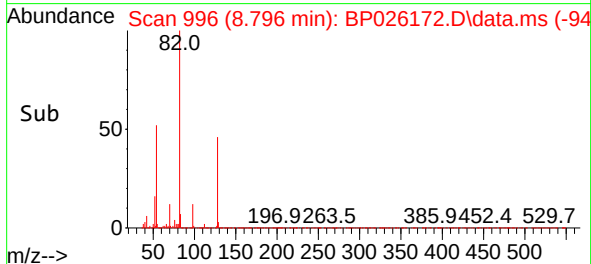
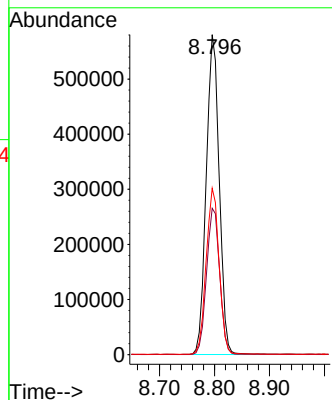
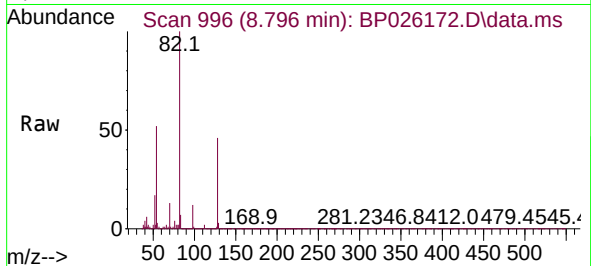




#23
 Nitrobenzene-d5
 Concen: 53.012 ng
 RT: 8.796 min Scan# 99
 Delta R.T. -0.017 min
 Lab File: BP026172.D
 Acq: 20 Nov 2025 13:13

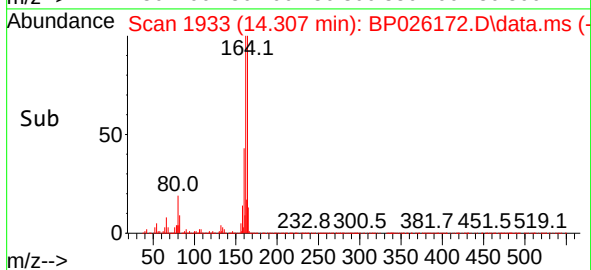
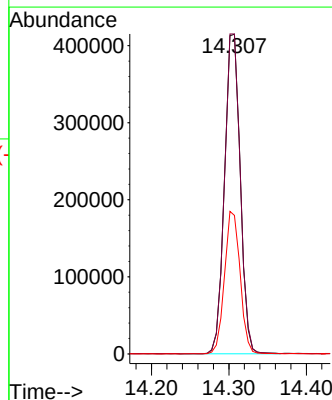
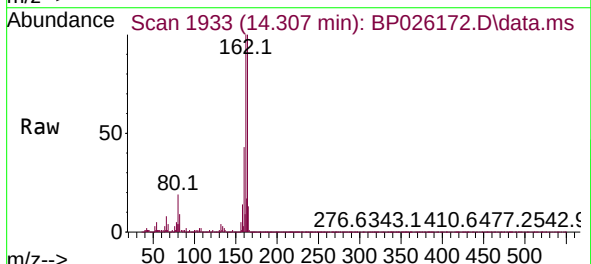
Instrument :
 BNA_P
 ClientSampleId :
 2015

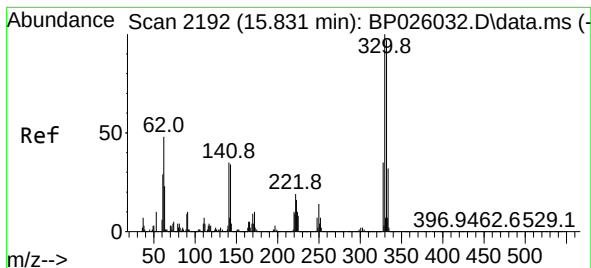
Tgt Ion: 82 Resp: 948293
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.4 56.0
 54 52.0 41.6 62.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.307 min Scan# 1933
 Delta R.T. -0.017 min
 Lab File: BP026172.D
 Acq: 20 Nov 2025 13:13

Tgt Ion: 164 Resp: 586984
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.3 120.5
 160 43.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 53.220 ng

RT: 15.819 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP026172.D

Acq: 20 Nov 2025 13:13

Instrument :

BNA_P

ClientSampleId :

2015

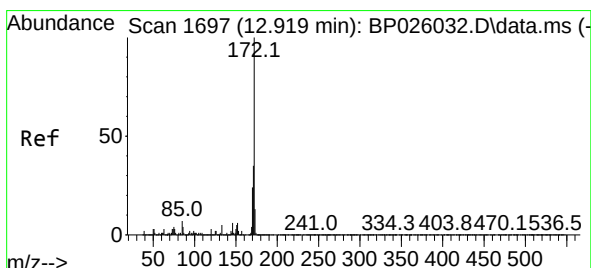
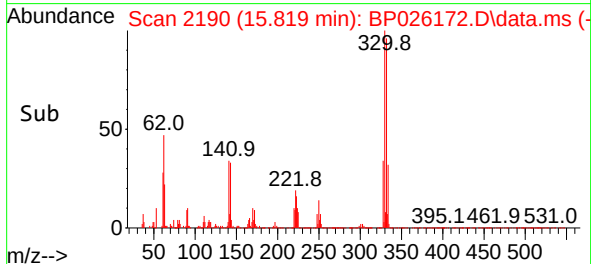
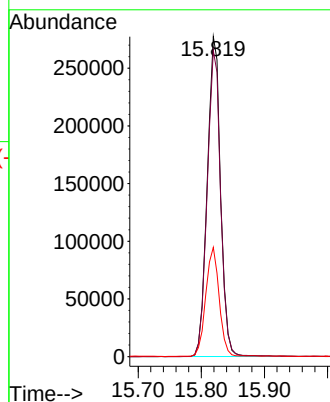
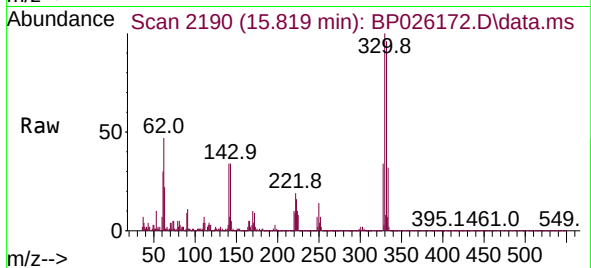
Tgt Ion:330 Resp: 405246

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 34.3 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 54.894 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.017 min

Lab File: BP026172.D

Acq: 20 Nov 2025 13:13

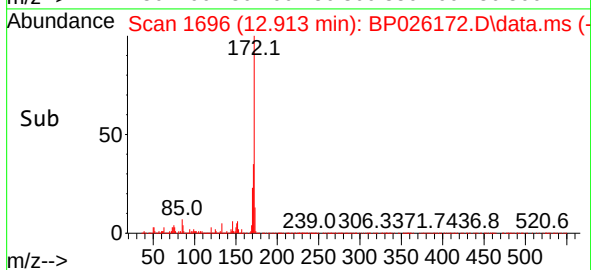
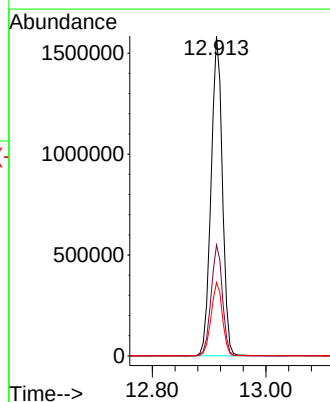
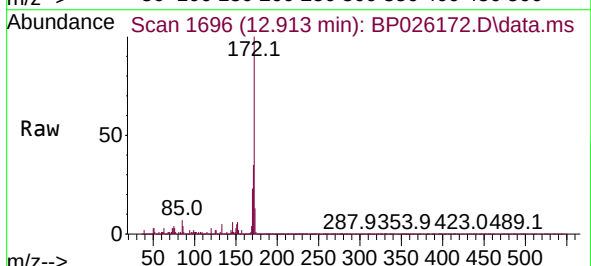
Tgt Ion:172 Resp: 2198541

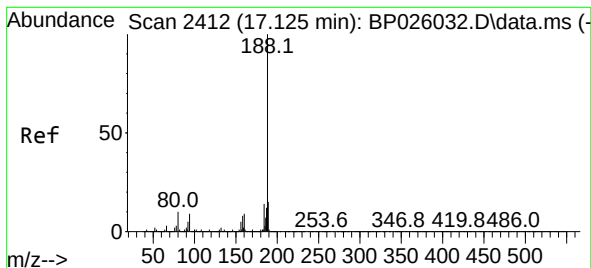
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.9 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: BP026172.D

Acq: 20 Nov 2025 13:13

Instrument :

BNA_P

ClientSampleId :

2015

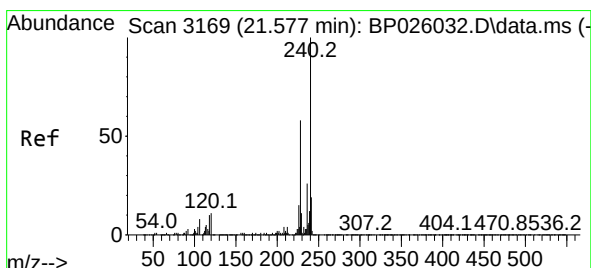
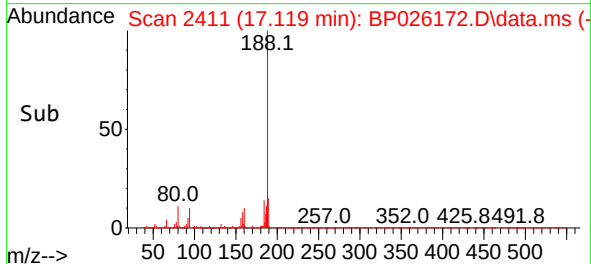
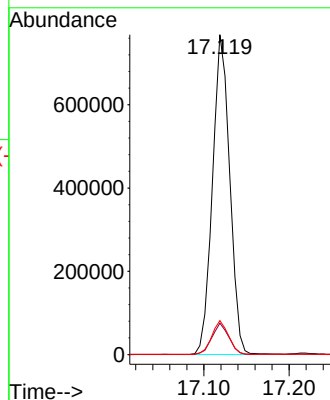
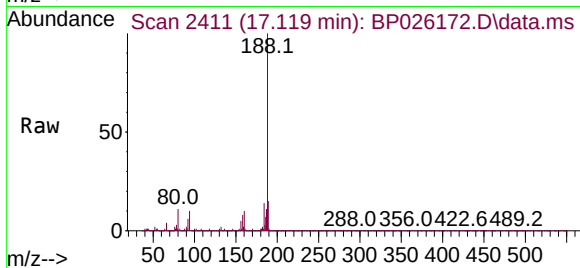
Tgt Ion:188 Resp: 1081399

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.6 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: BP026172.D

Acq: 20 Nov 2025 13:13

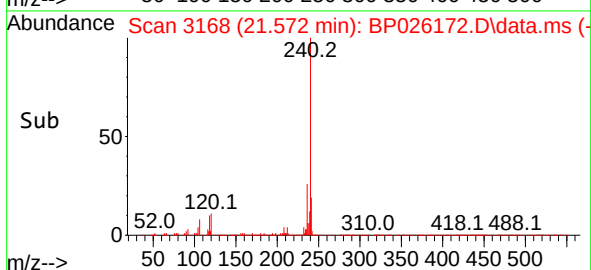
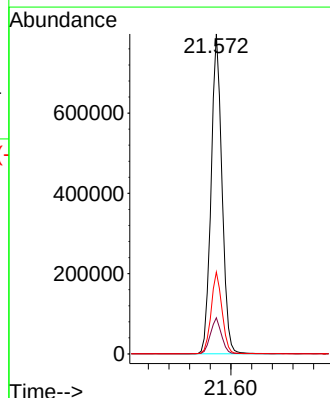
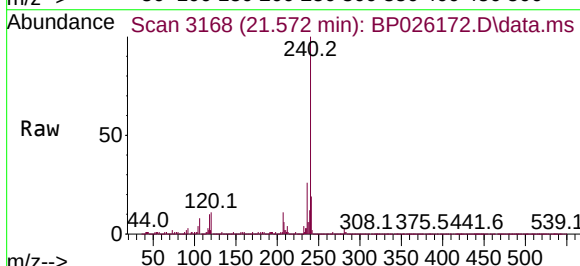
Tgt Ion:240 Resp: 1164560

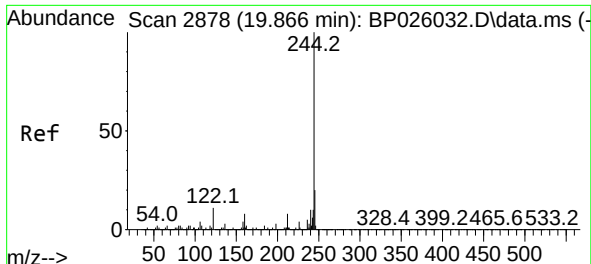
Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

236 25.6 20.4 30.6

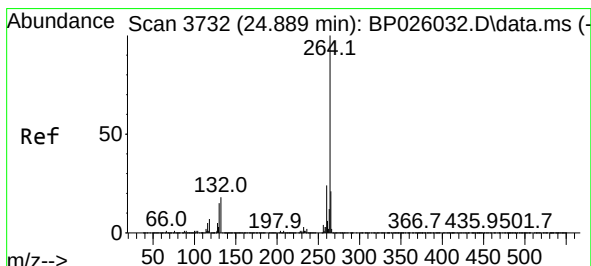
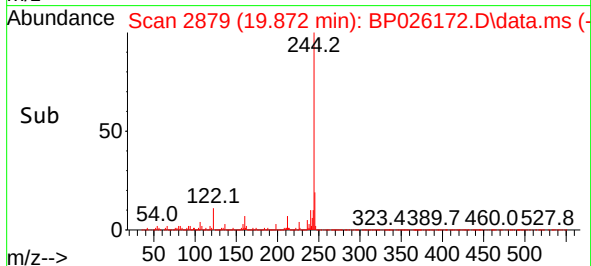
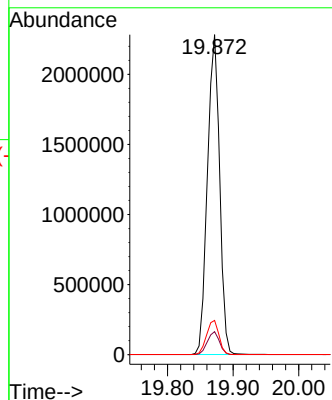
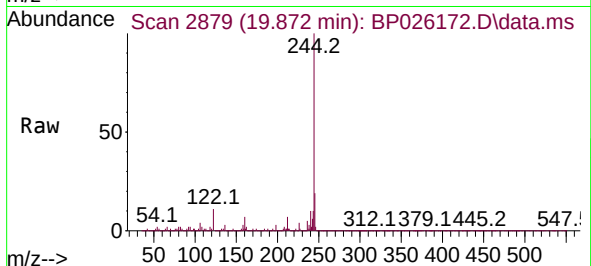




#79
 Terphenyl-d14
 Concen: 51.347 ng
 RT: 19.872 min Scan# 2878
 Delta R.T. 0.000 min
 Lab File: BP026172.D
 Acq: 20 Nov 2025 13:13

Instrument :
 BNA_P
 ClientSampleId :
 2015

Tgt Ion:244 Resp: 2932569
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.901 min Scan# 3734
 Delta R.T. -0.006 min
 Lab File: BP026172.D
 Acq: 20 Nov 2025 13:13

Tgt Ion:264 Resp: 1420615
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.8 17.5 26.3

