

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025834.D
 Acq On : 23 Sep 2025 18:00
 Operator : CG/JU
 Sample : Q3153-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-40

Quant Time: Sep 23 18:27:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	173758	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	714707	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	497710	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	1015126	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	922633	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1007393	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1245681	115.676	ng	0.00
7) Phenol-d6	6.949	99	1603585	112.033	ng	0.00
23) Nitrobenzene-d5	8.890	82	1004946	62.024	ng	-0.01
42) 2,4,6-Tribromophenol	15.890	330	699751	112.719	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	1975329	52.845	ng	-0.01
79) Terphenyl-d14	19.901	244	3175265	61.913	ng	-0.01

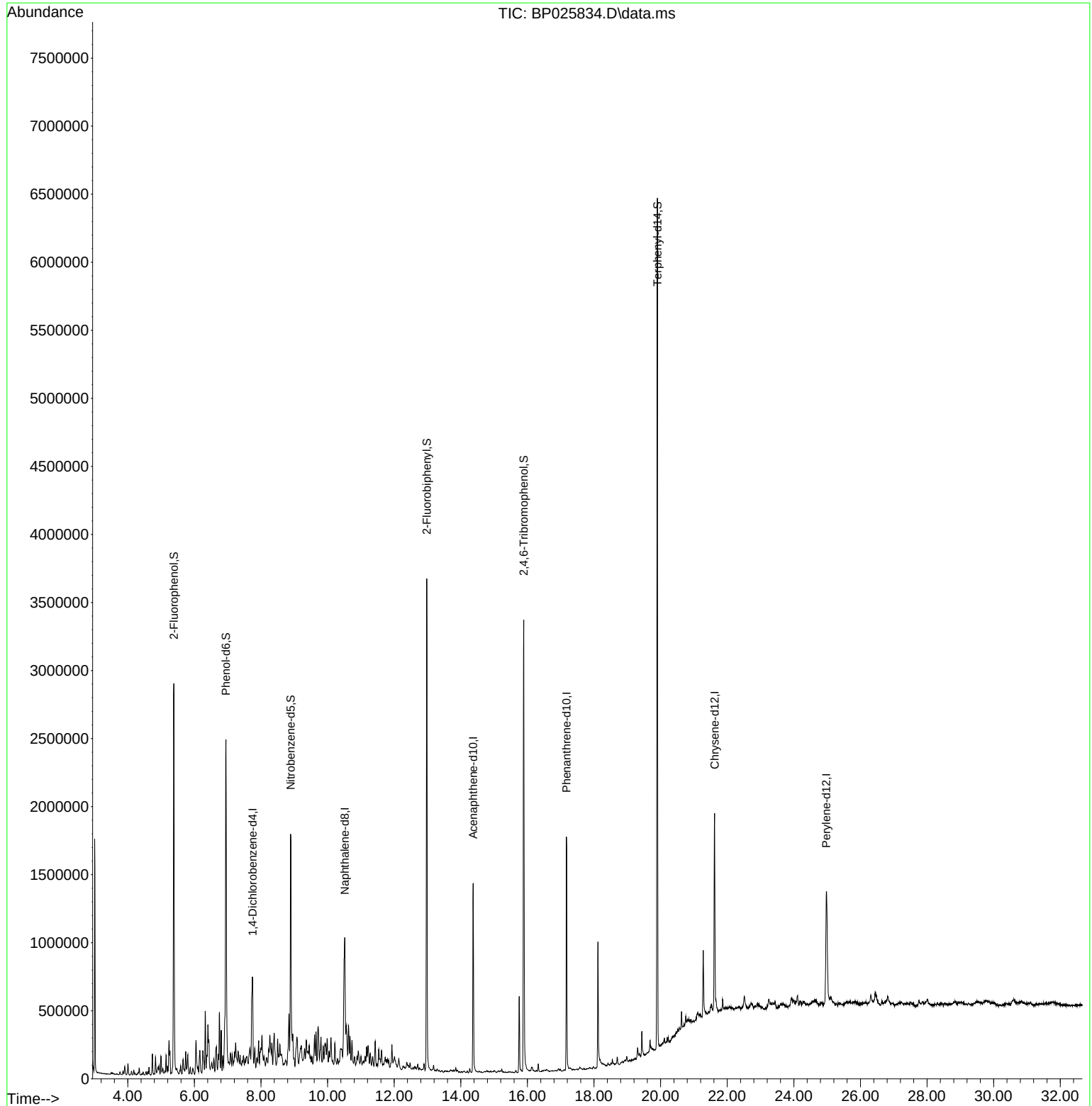
Target Compounds	Qvalue

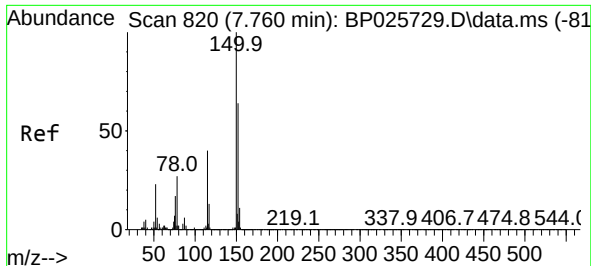
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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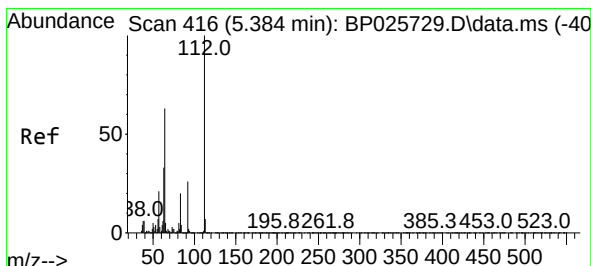
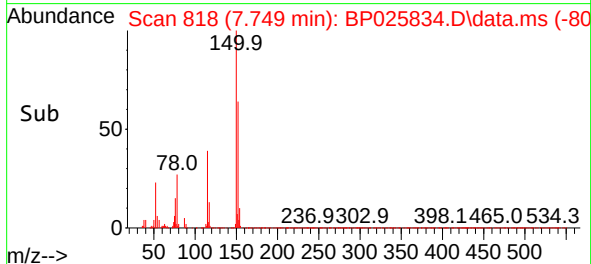
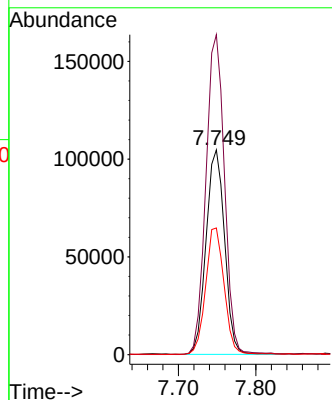
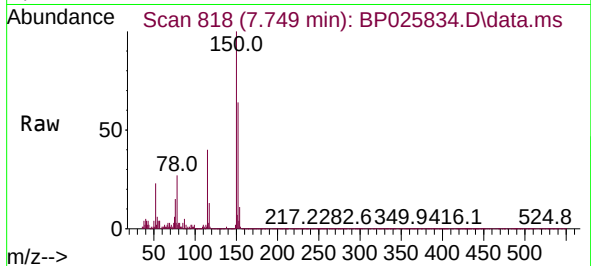




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025834.D
Acq: 23 Sep 2025 18:00

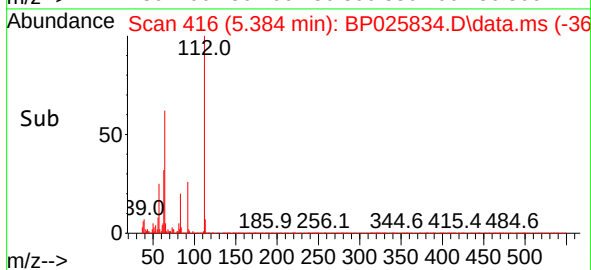
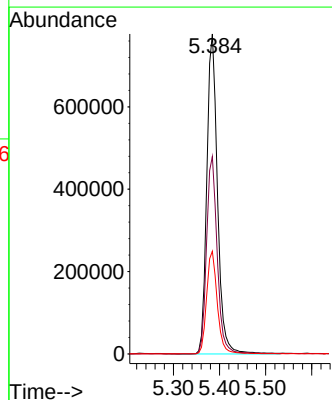
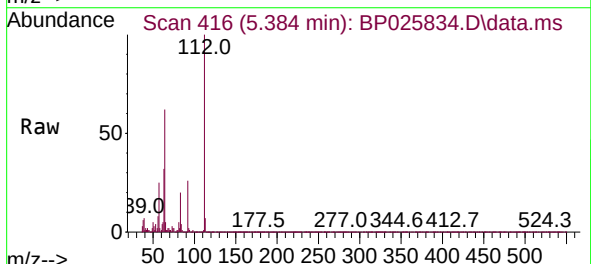
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40

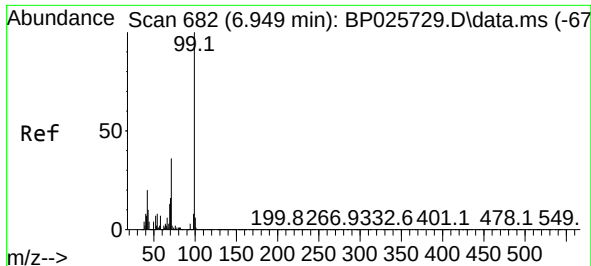
Tgt Ion:152 Resp: 173758
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 61.9 50.3 75.5



#5
2-Fluorophenol
Concen: 115.676 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025834.D
Acq: 23 Sep 2025 18:00

Tgt Ion:112 Resp: 1245681
Ion Ratio Lower Upper
112 100
64 61.7 50.2 75.4
63 32.1 26.7 40.1

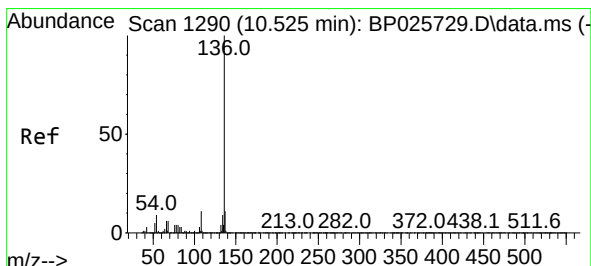
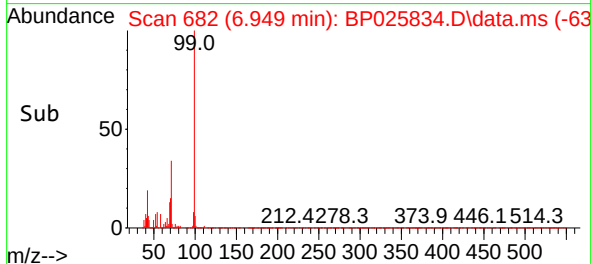
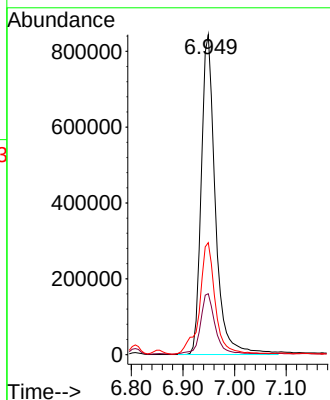
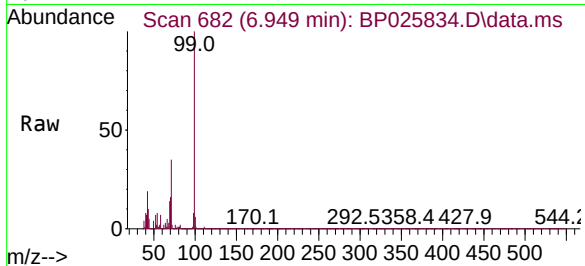




#7
Phenol-d6
Concen: 112.033 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025834.D
Acq: 23 Sep 2025 18:00

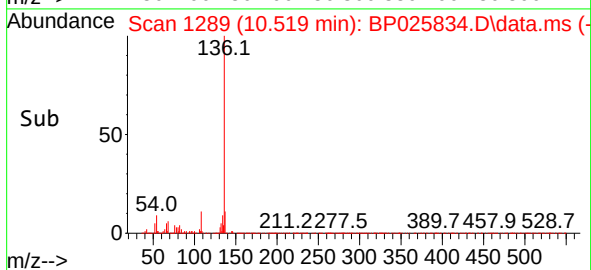
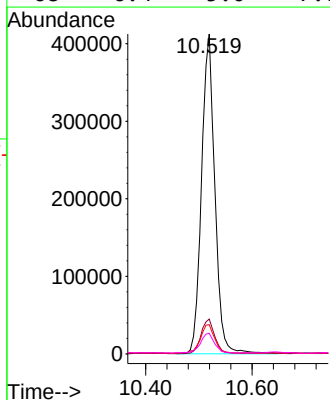
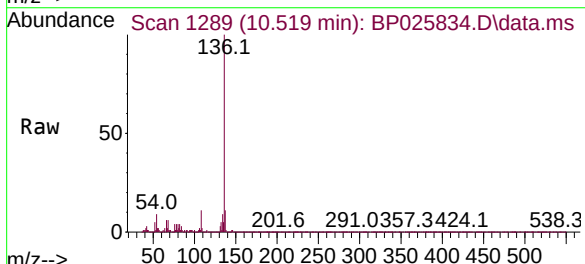
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40

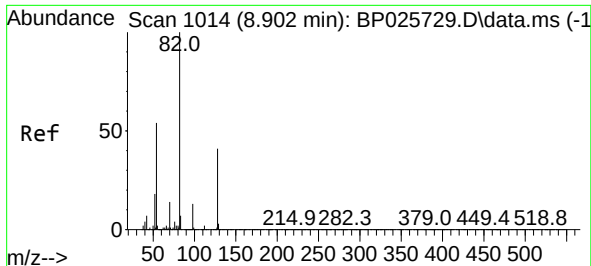
Tgt Ion: 99 Resp: 1603585
Ion Ratio Lower Upper
99 100
42 19.0 15.6 23.4
71 35.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025834.D
Acq: 23 Sep 2025 18:00

Tgt Ion: 136 Resp: 714707
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.1 7.5 11.3
68 6.4 5.0 7.6

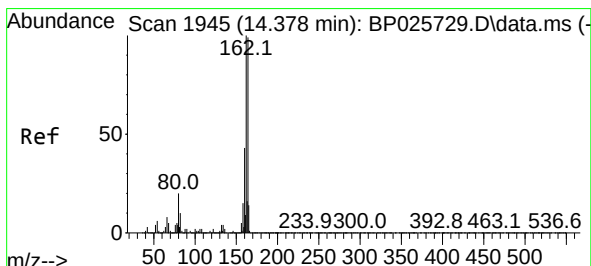
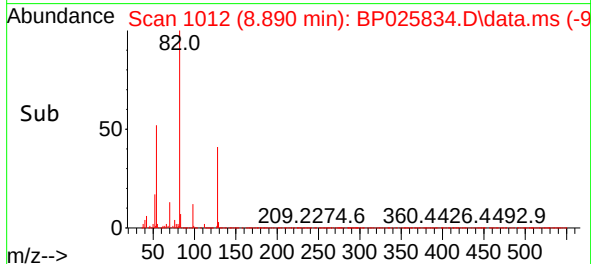
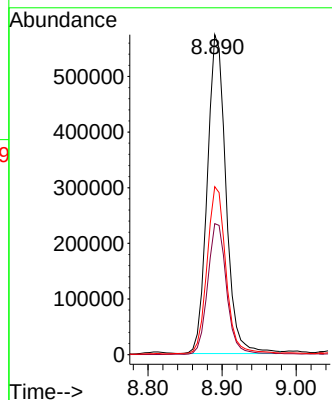
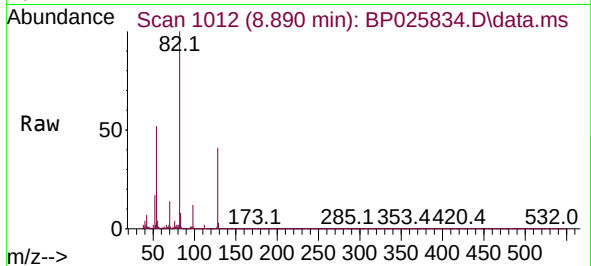




#23
Nitrobenzene-d5
Concen: 62.024 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025834.D
Acq: 23 Sep 2025 18:00

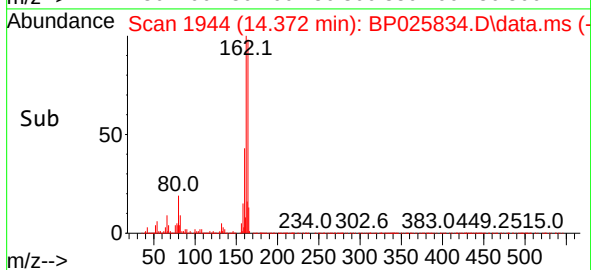
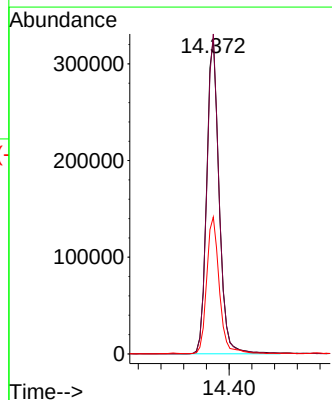
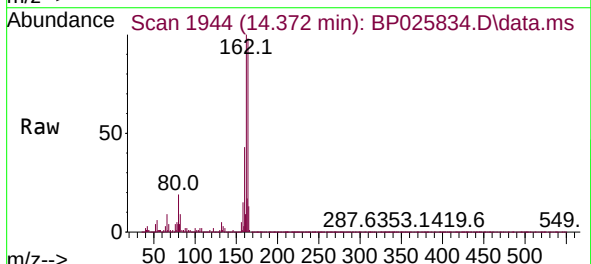
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40

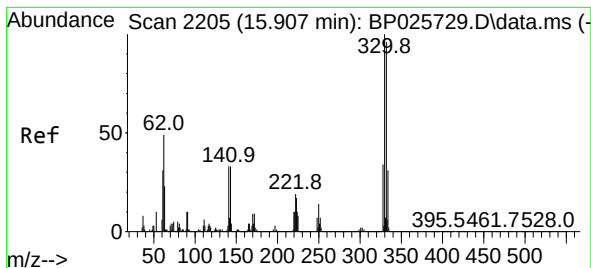
Tgt Ion: 82 Resp: 1004946
Ion Ratio Lower Upper
82 100
128 41.0 32.9 49.3
54 52.5 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025834.D
Acq: 23 Sep 2025 18:00

Tgt Ion:164 Resp: 497710
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 43.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 112.719 ng

RT: 15.890 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025834.D

Acq: 23 Sep 2025 18:00

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40

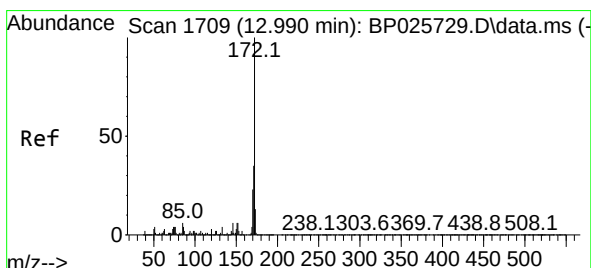
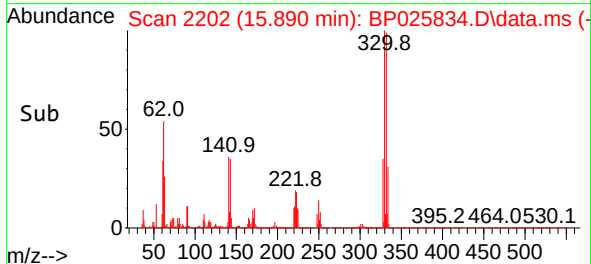
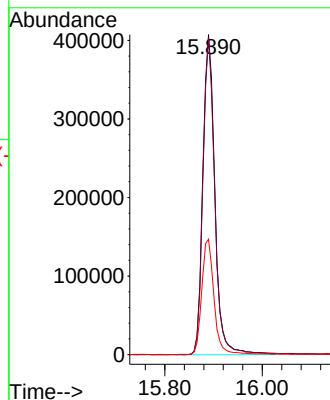
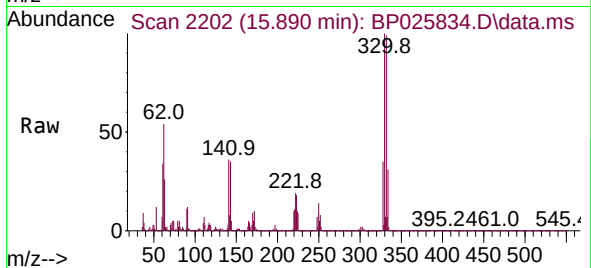
Tgt Ion:330 Resp: 699751

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 36.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 52.845 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025834.D

Acq: 23 Sep 2025 18:00

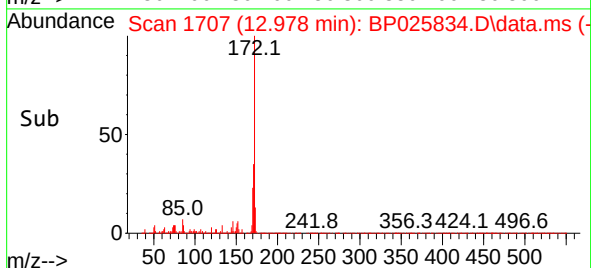
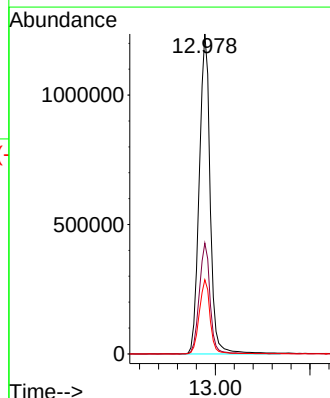
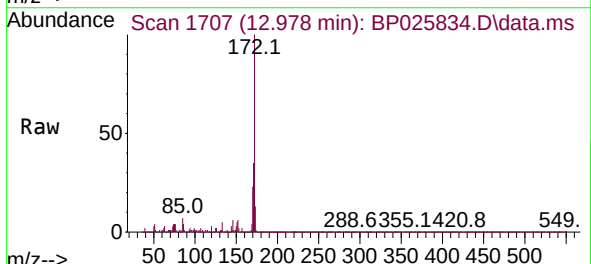
Tgt Ion:172 Resp: 1975329

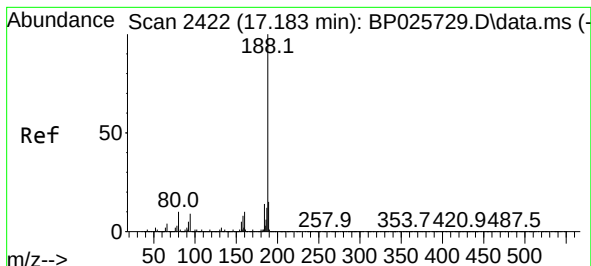
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.172 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025834.D

Acq: 23 Sep 2025 18:00

Instrument :

BNA_P

ClientSampleId :

OR-500-COMP-40

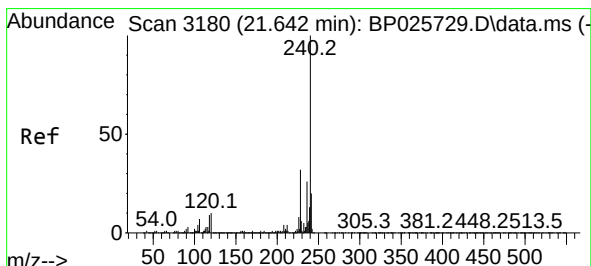
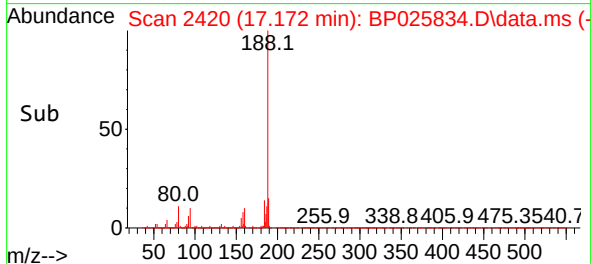
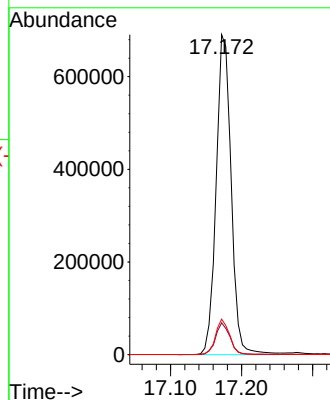
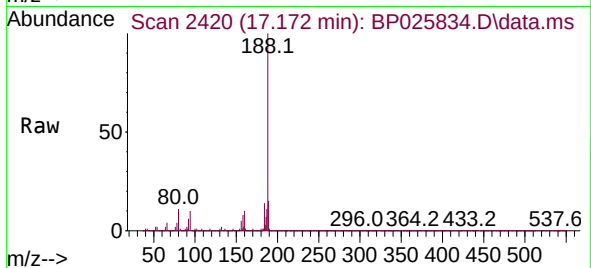
Tgt Ion:188 Resp: 1015126

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 11.1 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.619 min Scan# 3176

Delta R.T. -0.023 min

Lab File: BP025834.D

Acq: 23 Sep 2025 18:00

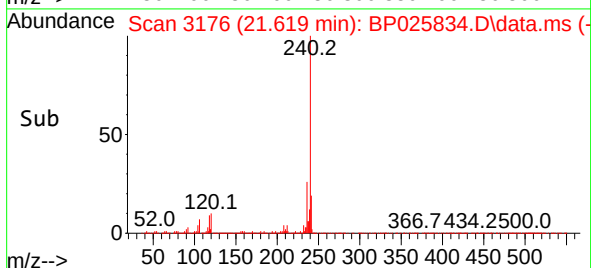
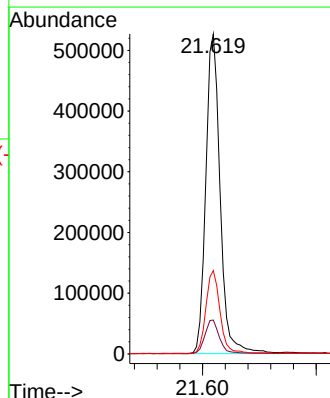
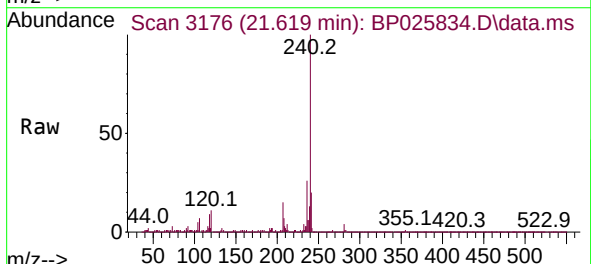
Tgt Ion:240 Resp: 922633

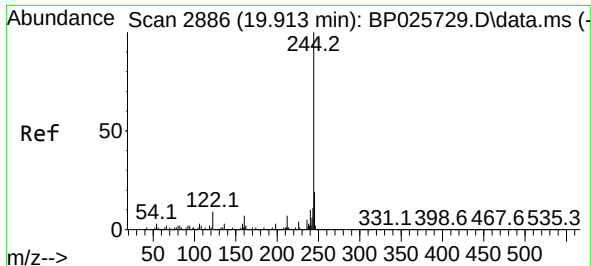
Ion Ratio Lower Upper

240 100

120 10.6 8.0 12.0

236 26.0 20.7 31.1

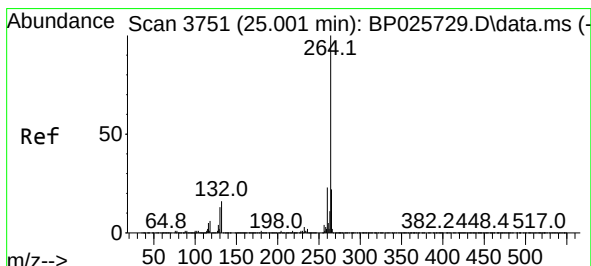
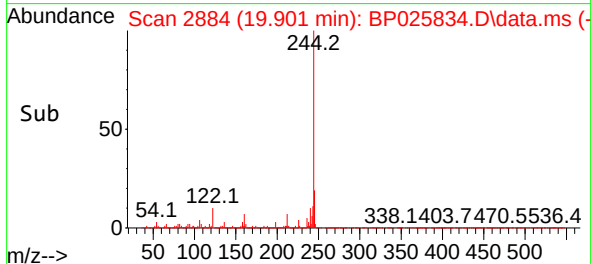
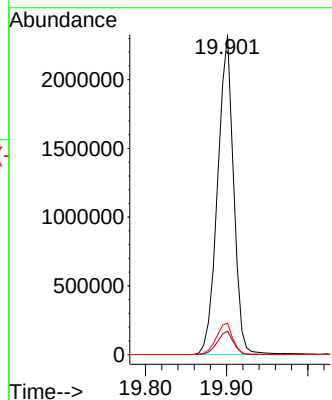
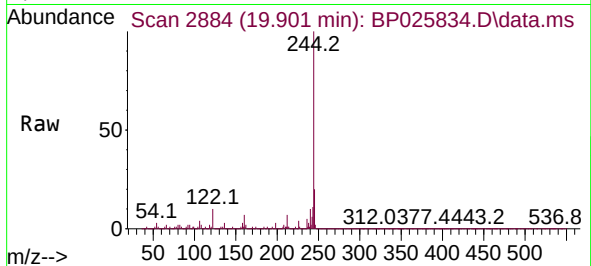




#79
 Terphenyl-d14
 Concen: 61.913 ng
 RT: 19.901 min Scan# 2884
 Delta R.T. -0.012 min
 Lab File: BP025834.D
 Acq: 23 Sep 2025 18:00

Instrument :
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 ClientSampleId :
 OR-500-COMP-40

Tgt Ion:244 Resp: 3175265
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.8 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 3747
 Delta R.T. -0.023 min
 Lab File: BP025834.D
 Acq: 23 Sep 2025 18:00

Tgt Ion:264 Resp: 1007393
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 22.5 17.3 25.9

