

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025831.D
 Acq On : 23 Sep 2025 15:55
 Operator : CG/JU
 Sample : Q3151-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1402

Quant Time: Sep 23 16:21:18 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	161128	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	614529	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	399088	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	812371	20.000	ng	0.00
76) Chrysene-d12	21.619	240	915340	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1029818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	657343	65.827	ng	0.00
7) Phenol-d6	6.955	99	469835	35.397	ng	0.00
23) Nitrobenzene-d5	8.896	82	1324223	95.053	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	820773	164.886	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2859942	95.418	ng	-0.01
79) Terphenyl-d14	19.901	244	4731993	93.001	ng	-0.01

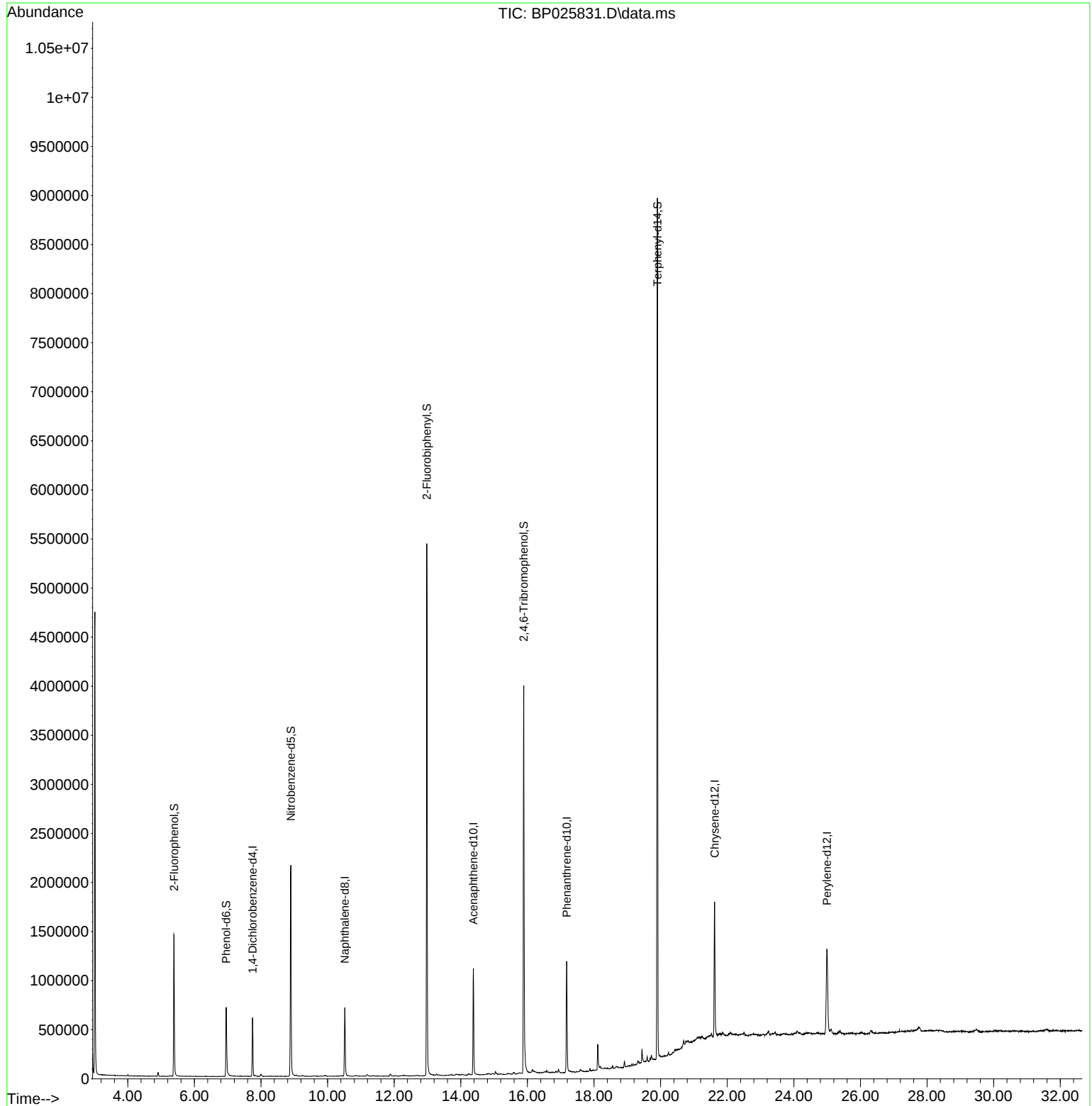
Target Compounds	Qvalue

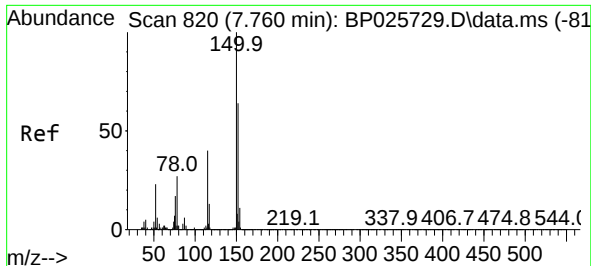
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1402

Quant Time: Sep 23 16:21:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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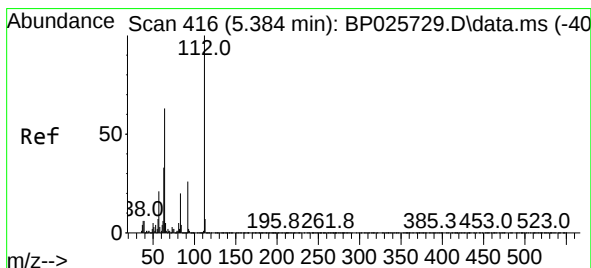
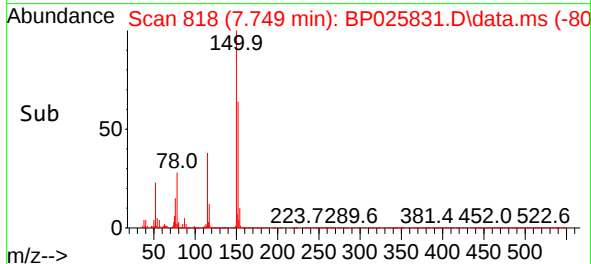
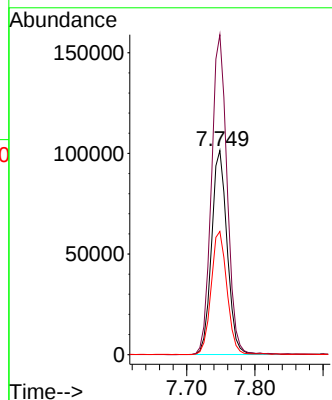
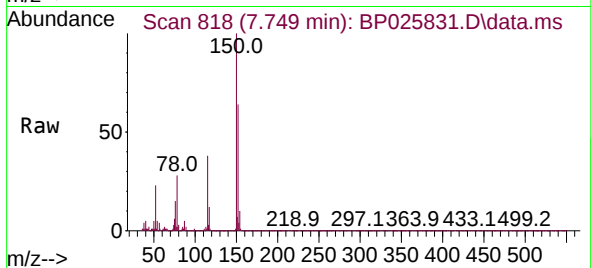




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025831.D
 Acq: 23 Sep 2025 15:55

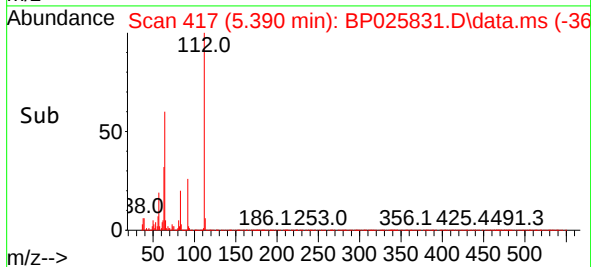
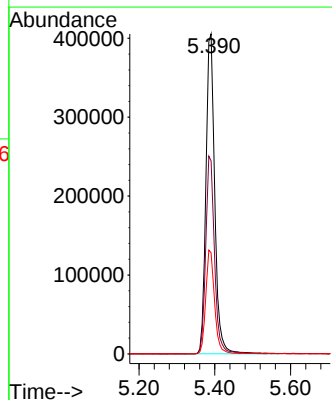
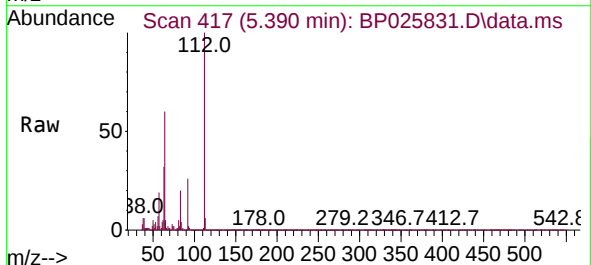
Instrument :
 BNA_P
 ClientSampleId :
 1402

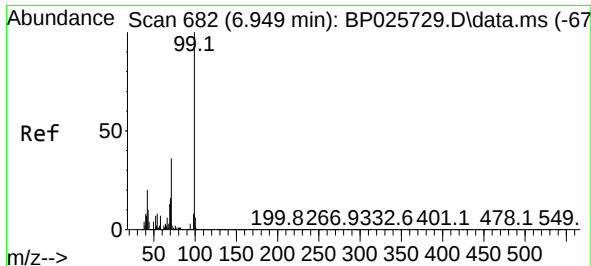
Tgt Ion:152 Resp: 161128
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.3 186.5
 115 60.4 50.3 75.5



#5
 2-Fluorophenol
 Concen: 65.827 ng
 RT: 5.390 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: BP025831.D
 Acq: 23 Sep 2025 15:55

Tgt Ion:112 Resp: 657343
 Ion Ratio Lower Upper
 112 100
 64 60.4 50.2 75.4
 63 31.6 26.7 40.1

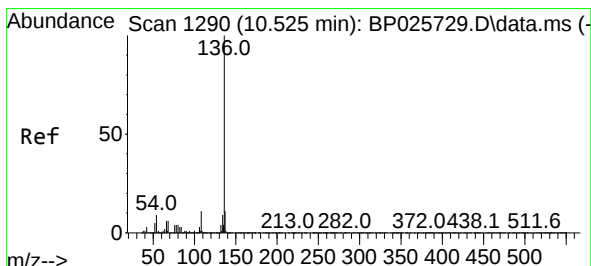
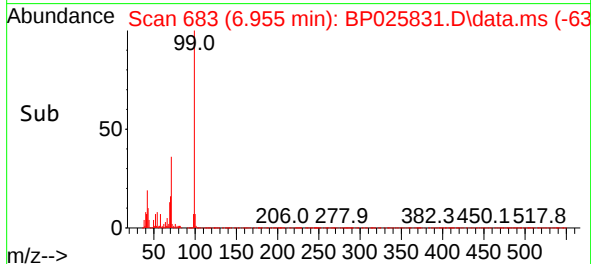
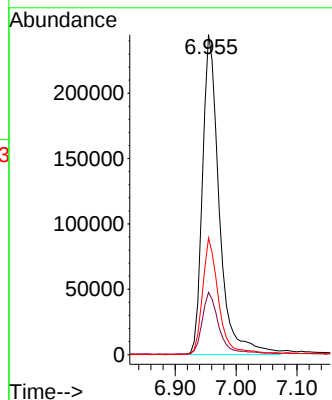
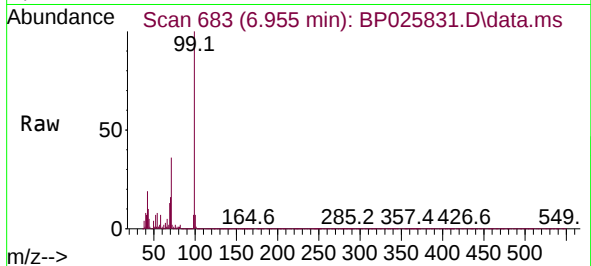




#7
Phenol-d6
Concen: 35.397 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025831.D
Acq: 23 Sep 2025 15:55

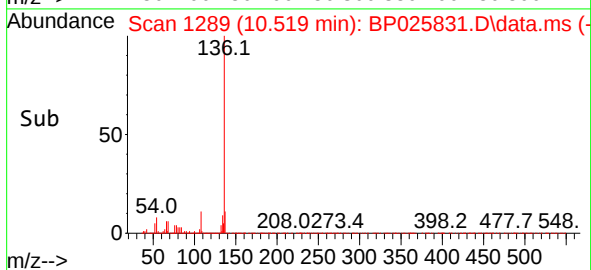
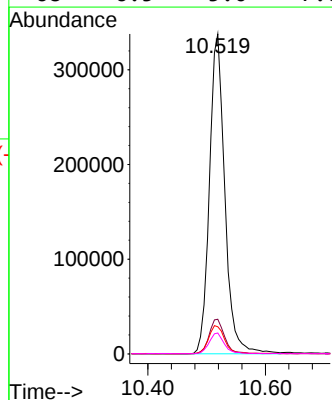
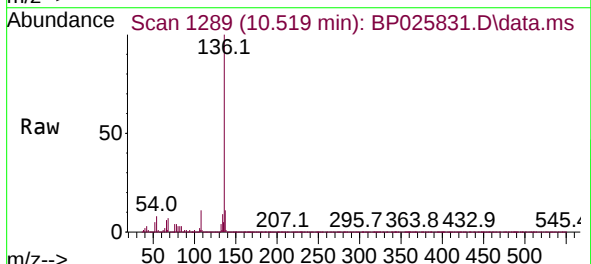
Instrument :
BNA_P
ClientSampleId :
1402

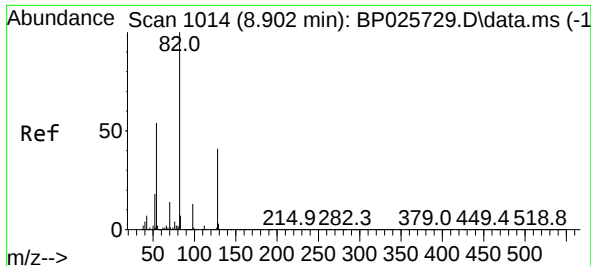
Tgt Ion: 99 Resp: 469835
Ion Ratio Lower Upper
99 100
42 19.5 15.6 23.4
71 36.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025831.D
Acq: 23 Sep 2025 15:55

Tgt Ion: 136 Resp: 614529
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.5 7.5 11.3
68 6.5 5.0 7.6

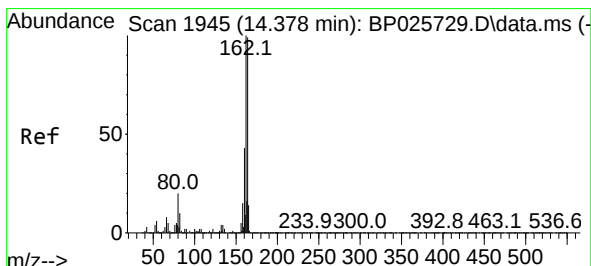
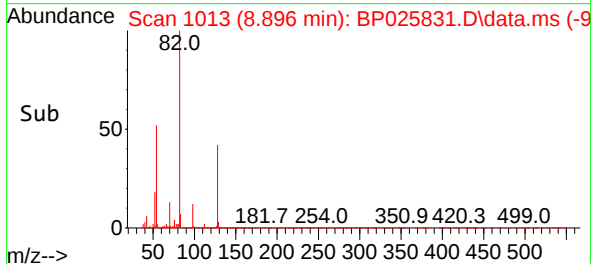
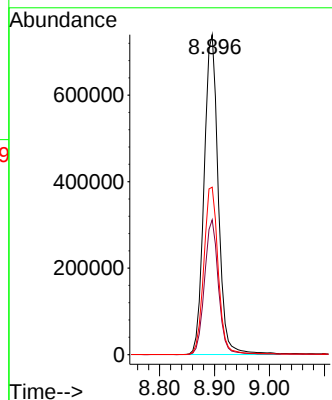
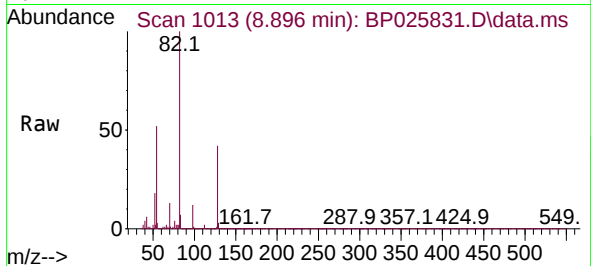




#23
Nitrobenzene-d5
Concen: 95.053 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025831.D
Acq: 23 Sep 2025 15:55

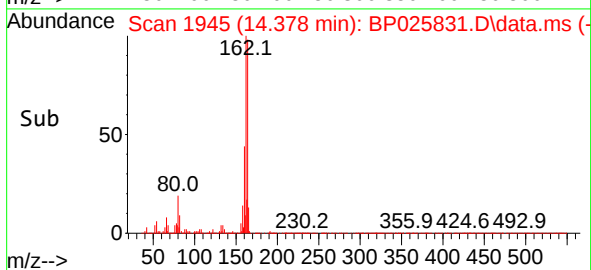
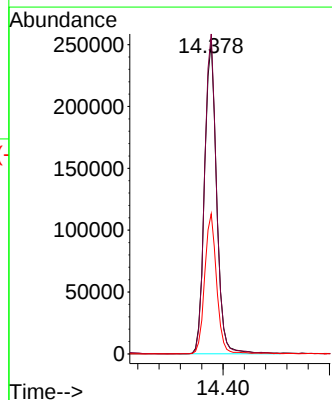
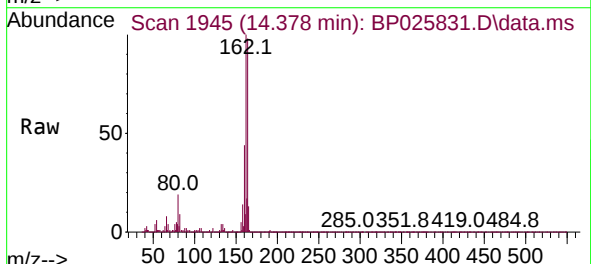
Instrument :
BNA_P
ClientSampleId :
1402

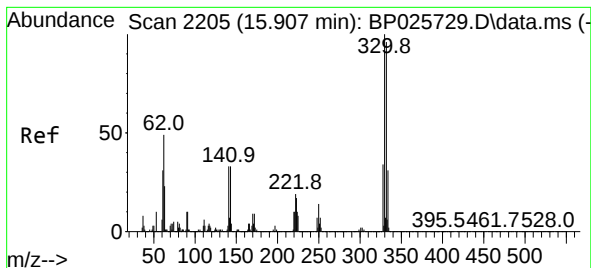
Tgt Ion: 82 Resp: 1324223
Ion Ratio Lower Upper
82 100
128 42.1 32.9 49.3
54 52.3 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025831.D
Acq: 23 Sep 2025 15:55

Tgt Ion:164 Resp: 399088
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 164.886 ng

RT: 15.889 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025831.D

Acq: 23 Sep 2025 15:55

Instrument :

BNA_P

ClientSampleId :

1402

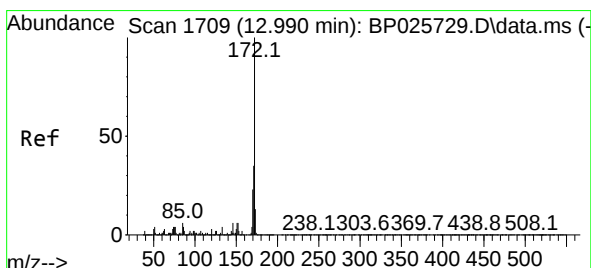
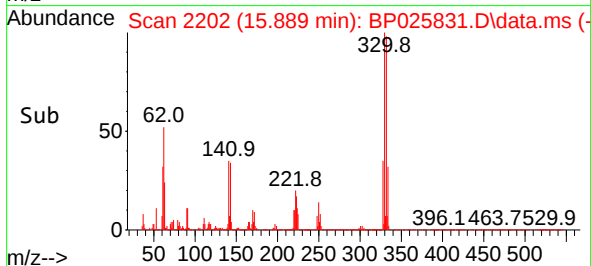
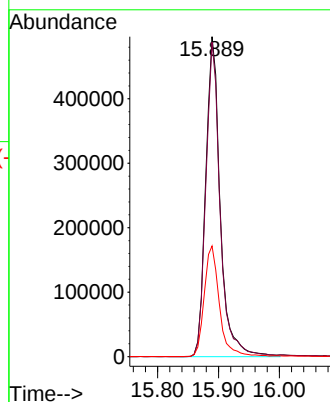
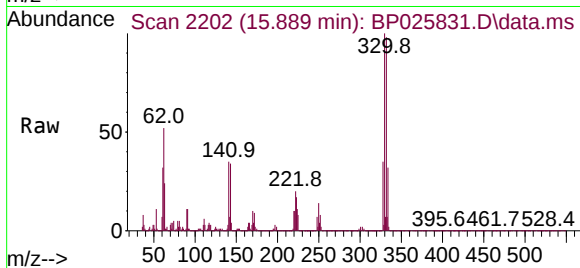
Tgt Ion:330 Resp: 820773

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 36.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.418 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025831.D

Acq: 23 Sep 2025 15:55

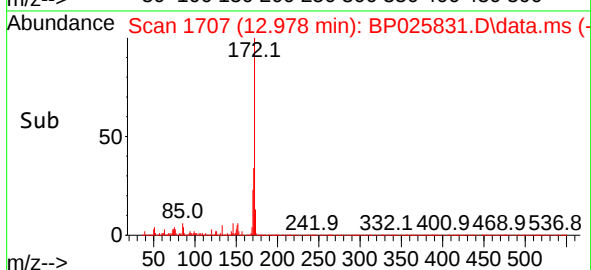
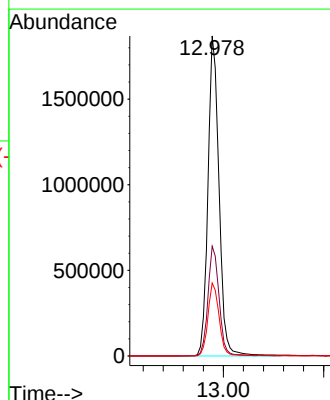
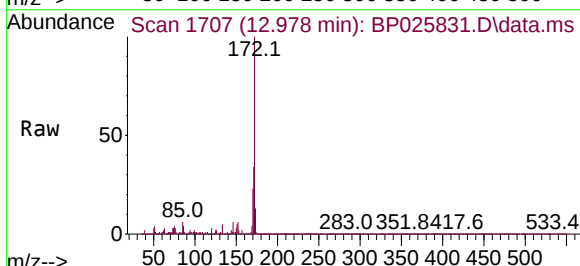
Tgt Ion:172 Resp: 2859942

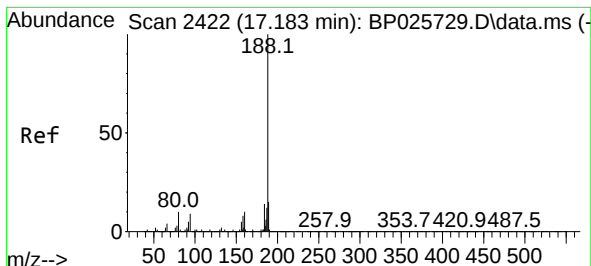
Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.6

170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025831.D

Acq: 23 Sep 2025 15:55

Instrument :

BNA_P

ClientSampleId :

1402

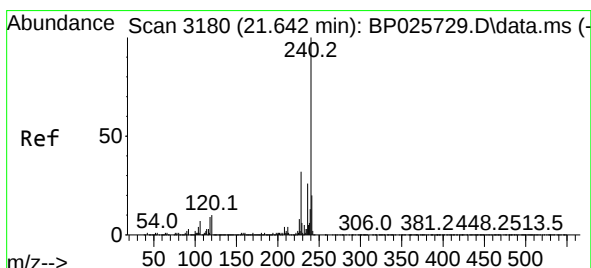
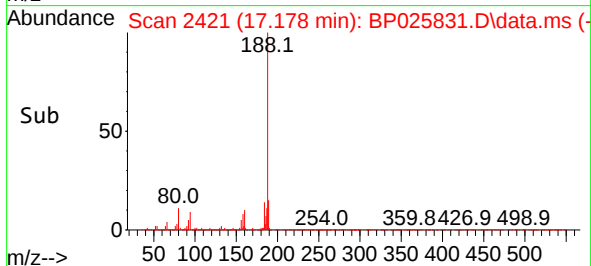
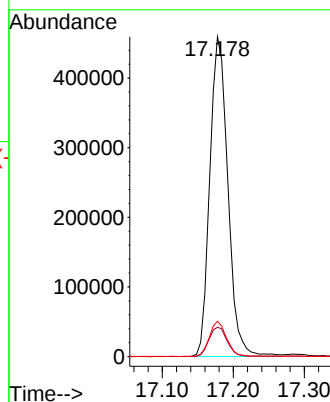
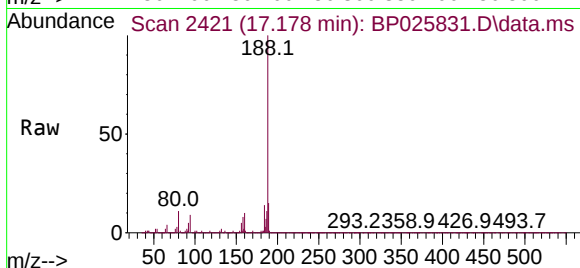
Tgt Ion:188 Resp: 812371

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 11.0 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.619 min Scan# 3176

Delta R.T. -0.024 min

Lab File: BP025831.D

Acq: 23 Sep 2025 15:55

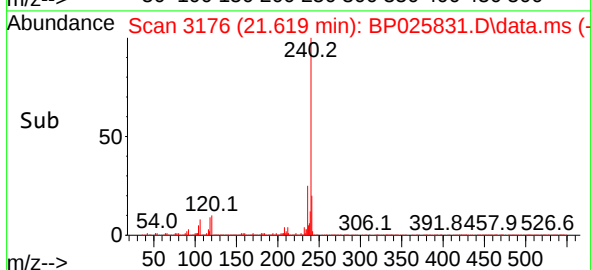
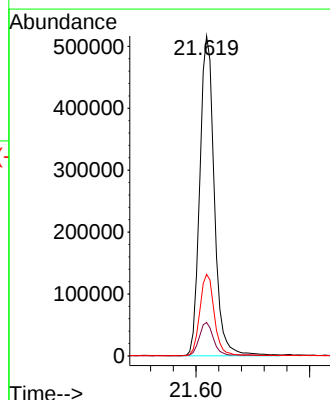
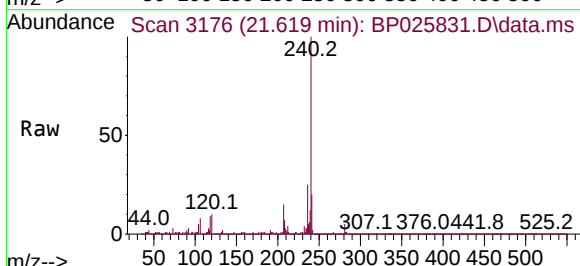
Tgt Ion:240 Resp: 915340

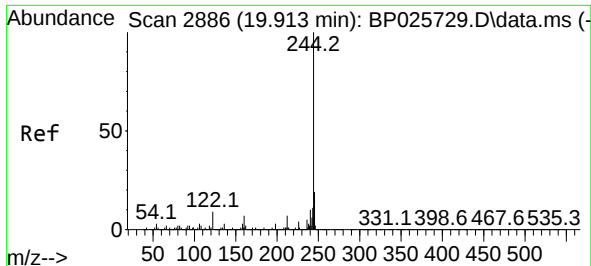
Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.5 20.7 31.1

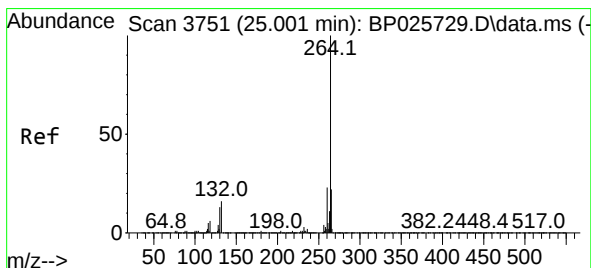
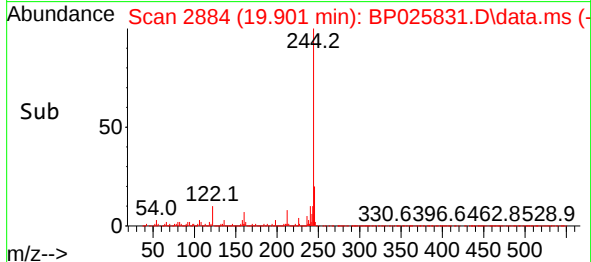
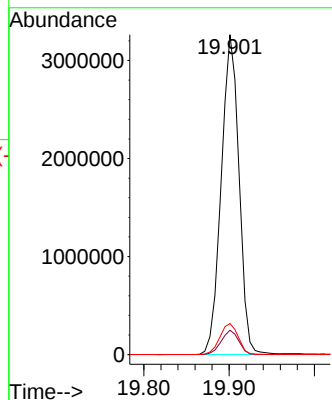
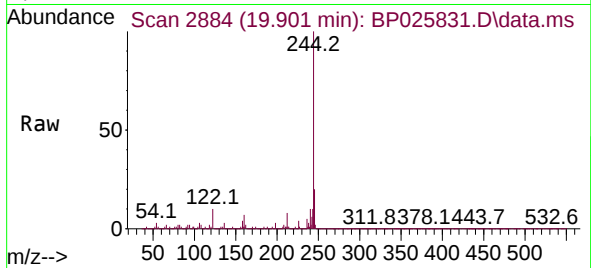




#79
 Terphenyl-d14
 Concen: 93.001 ng
 RT: 19.901 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP025831.D
 Acq: 23 Sep 2025 15:55

Instrument :
 BNA_P
 ClientSampleId :
 1402

Tgt Ion:244 Resp: 4731993
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.995 min Scan# 3750
 Delta R.T. -0.006 min
 Lab File: BP025831.D
 Acq: 23 Sep 2025 15:55

Tgt Ion:264 Resp: 1029818
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 22.2 17.3 25.9

