

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025429.D
 Acq On : 15 Aug 2025 16:12
 Operator : CG/JU
 Sample : Q2814-17RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-518R-S

Quant Time: Aug 15 16:38:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

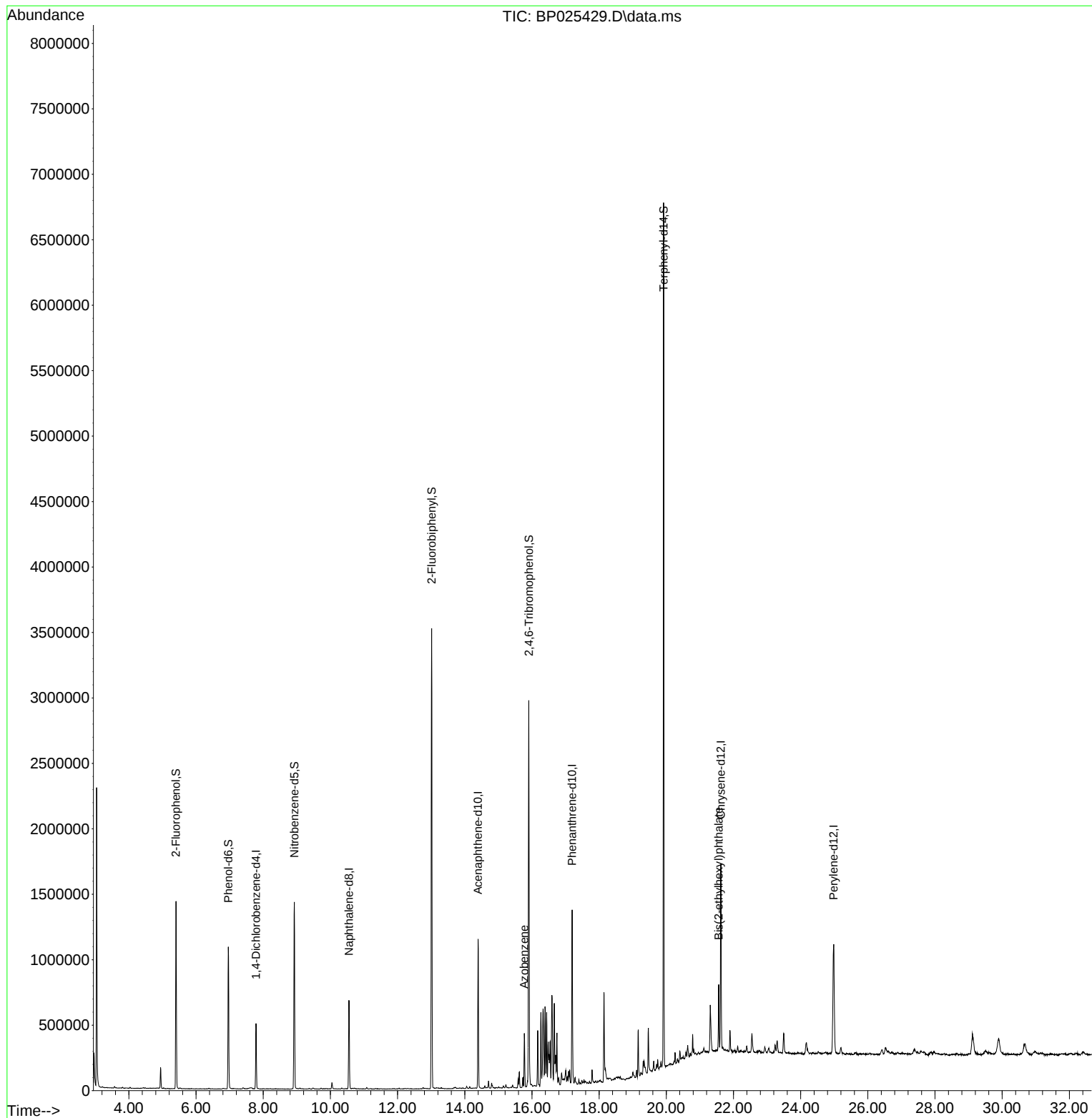
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	138753	20.000	ng	-0.01
21) Naphthalene-d8	10.548	136	565678	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	378580	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	745820	20.000	ng	0.00
76) Chrysene-d12	21.624	240	803558	20.000	ng	-0.02
86) Perylene-d12	24.983	264	896940	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	612024	73.252	ng	0.00
7) Phenol-d6	6.960	99	615801	57.487	ng	0.00
23) Nitrobenzene-d5	8.925	82	818057	73.154	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	580361	113.892	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1873752	67.643	ng	0.00
79) Terphenyl-d14	19.919	244	2861648	65.155	ng	0.00
Target Compounds						
63) Azobenzene	15.772	77	110493	4.581	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.560	149	217722	6.248	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-518R-S

Quant Time: Aug 15 16:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

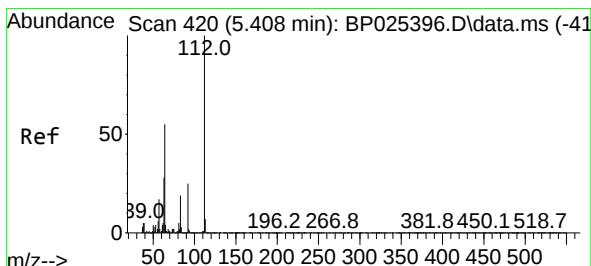
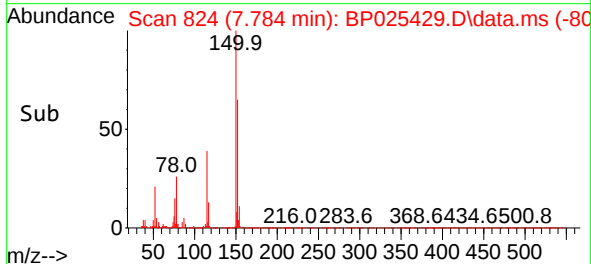
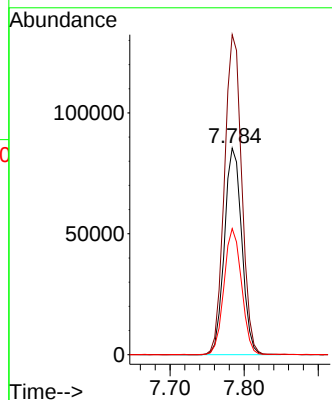
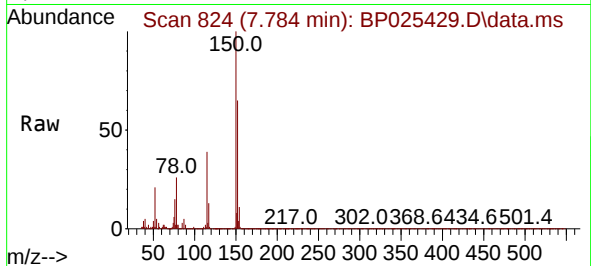




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025429.D
Acq: 15 Aug 2025 16:12

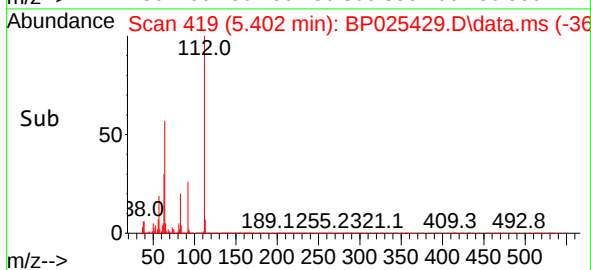
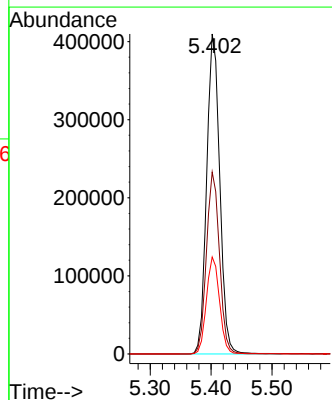
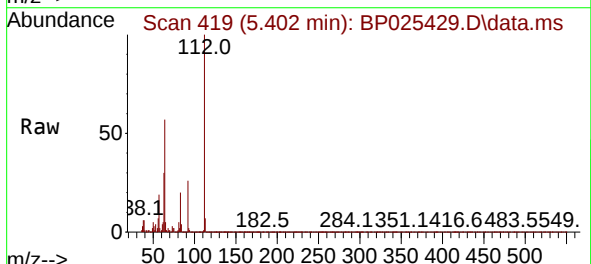
Instrument :
BNA_P
ClientSampleId :
TW-518R-S

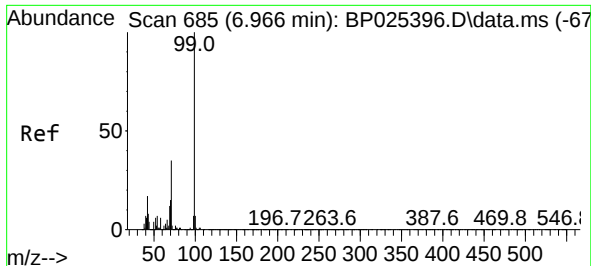
Tgt Ion:152 Resp: 138753
Ion Ratio Lower Upper
152 100
150 154.9 125.9 188.9
115 61.0 48.5 72.7



#5
2-Fluorophenol
Concen: 73.252 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025429.D
Acq: 15 Aug 2025 16:12

Tgt Ion:112 Resp: 612024
Ion Ratio Lower Upper
112 100
64 56.8 43.8 65.8
63 30.3 22.7 34.1

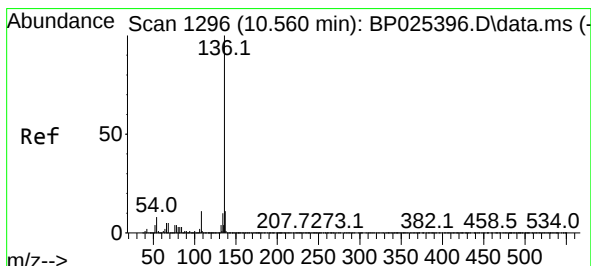
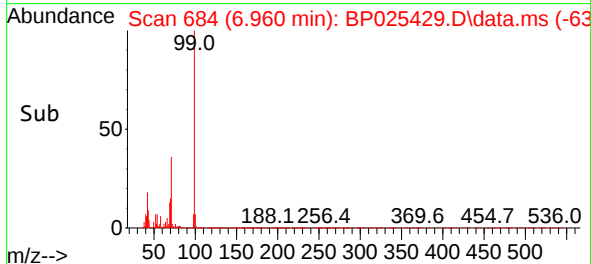
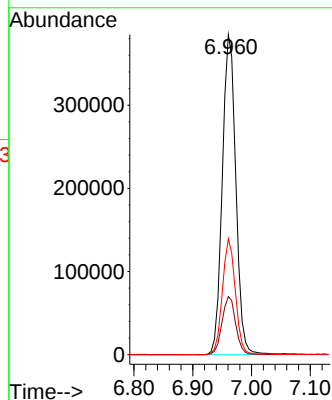
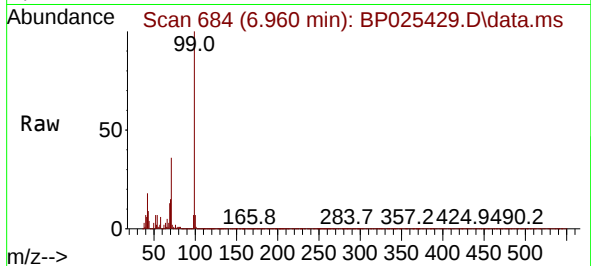




#7
Phenol-d6
Concen: 57.487 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025429.D
Acq: 15 Aug 2025 16:12

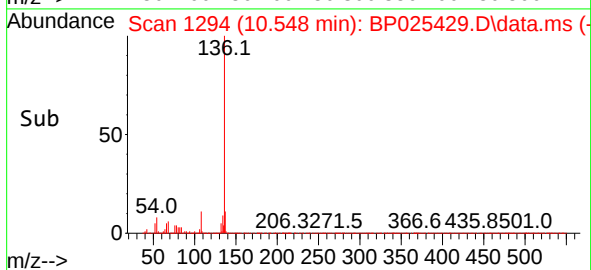
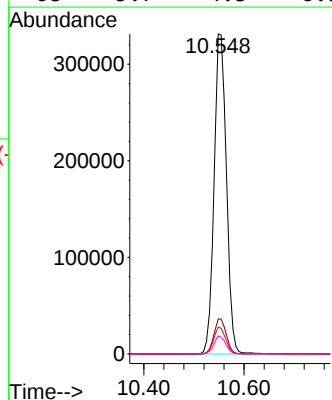
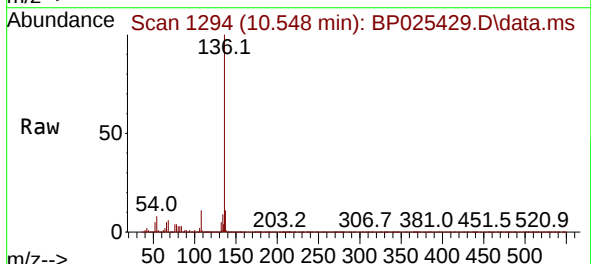
Instrument :
BNA_P
ClientSampleId :
TW-518R-S

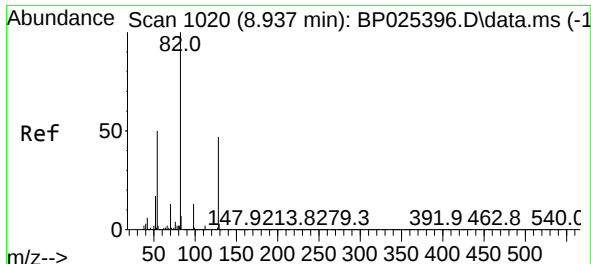
Tgt Ion: 99 Resp: 615801
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 36.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025429.D
Acq: 15 Aug 2025 16:12

Tgt Ion: 136 Resp: 565678
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.4 6.0 9.0
68 5.7 4.3 6.5

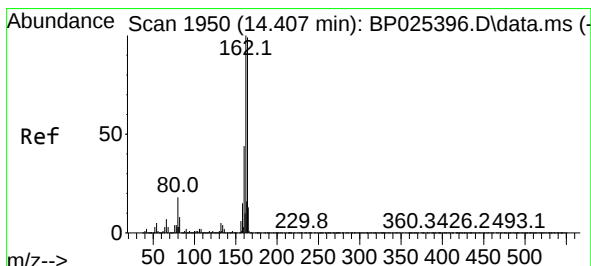
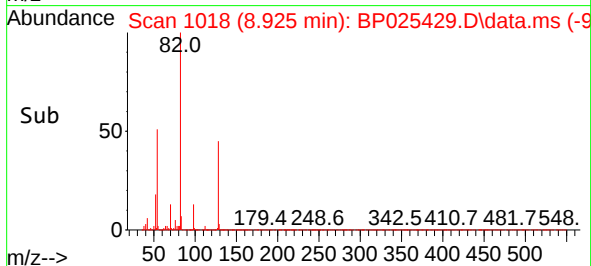
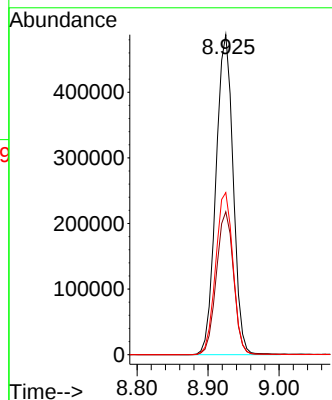
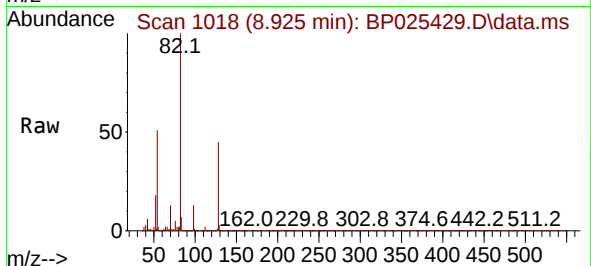




#23
Nitrobenzene-d5
Concen: 73.154 ng
RT: 8.925 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP025429.D
Acq: 15 Aug 2025 16:12

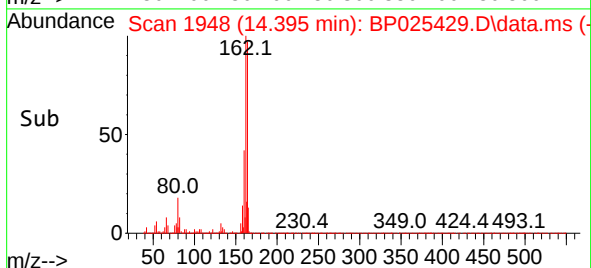
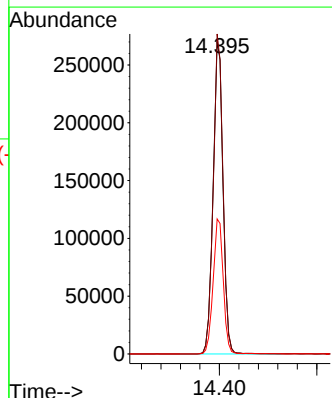
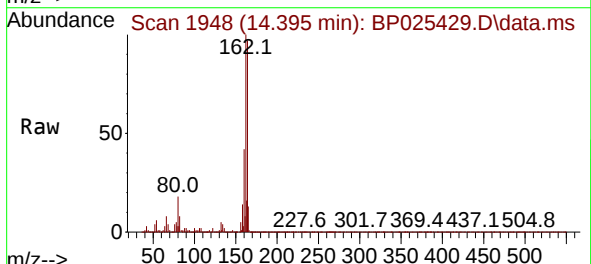
Instrument :
BNA_P
ClientSampleId :
TW-518R-S

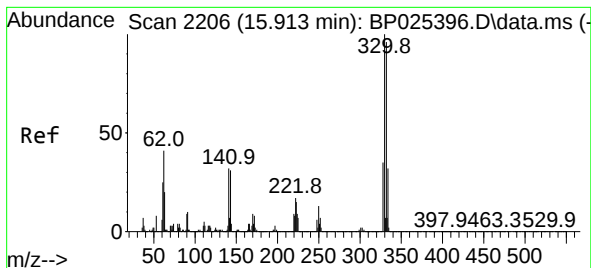
Tgt Ion: 82 Resp: 818057
Ion Ratio Lower Upper
82 100
128 44.6 37.7 56.5
54 50.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025429.D
Acq: 15 Aug 2025 16:12

Tgt Ion:164 Resp: 378580
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.6
160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 113.892 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025429.D

Acq: 15 Aug 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TW-518R-S

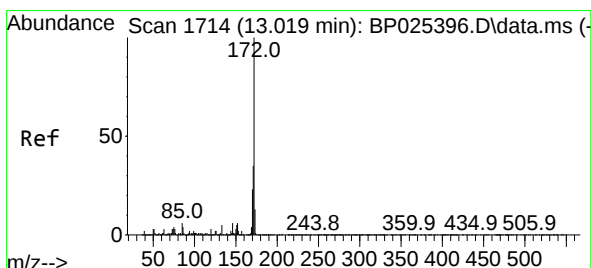
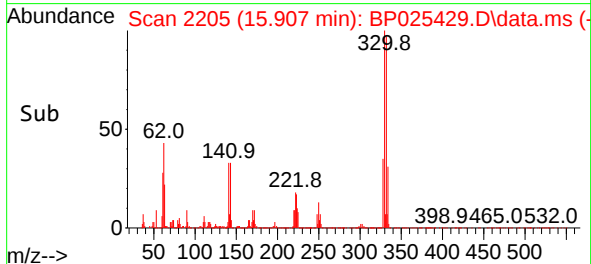
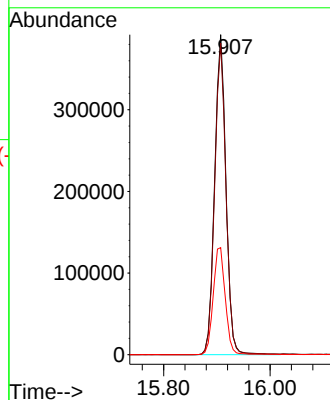
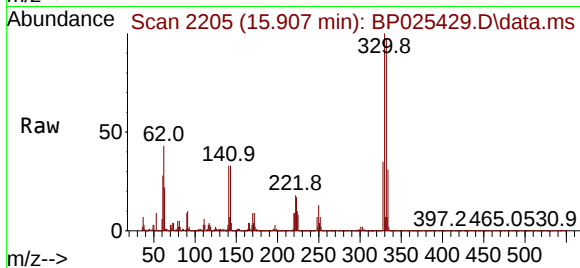
Tgt Ion:330 Resp: 580361

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 35.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 67.643 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025429.D

Acq: 15 Aug 2025 16:12

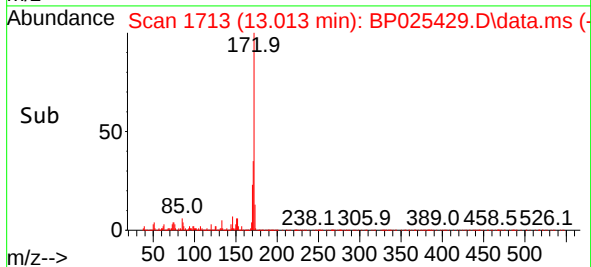
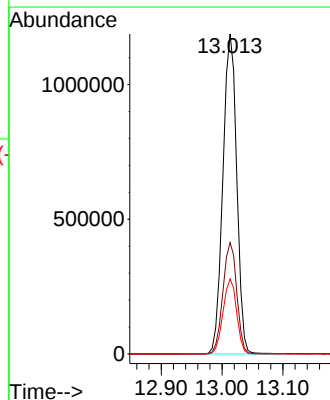
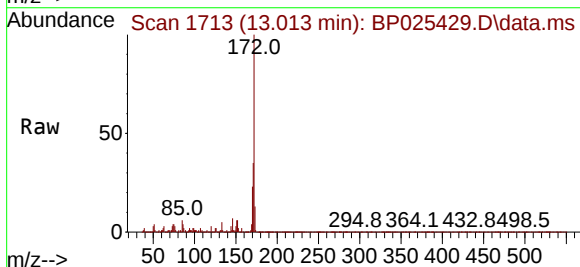
Tgt Ion:172 Resp: 1873752

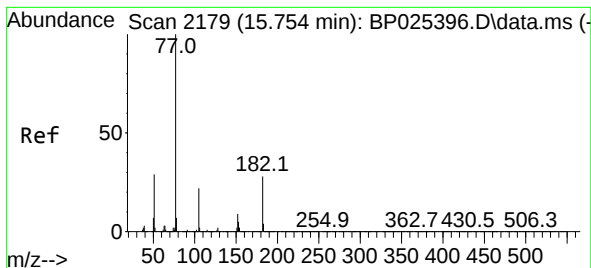
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.4 18.6 28.0





#63

Azobenzene

Concen: 4.581 ng

RT: 15.772 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025429.D

Acq: 15 Aug 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TW-518R-S

Tgt Ion: 77 Resp: 110493

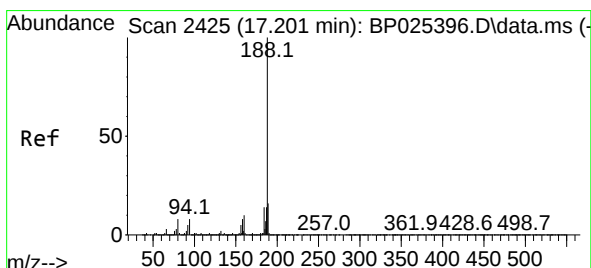
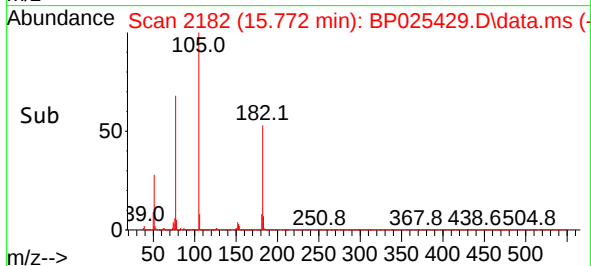
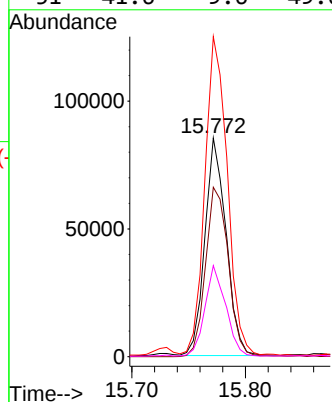
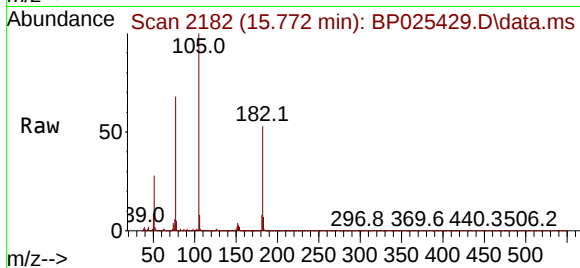
Ion Ratio Lower Upper

77 100

182 77.5 7.5 47.5#

105 146.3 2.1 42.1#

51 41.6 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025429.D

Acq: 15 Aug 2025 16:12

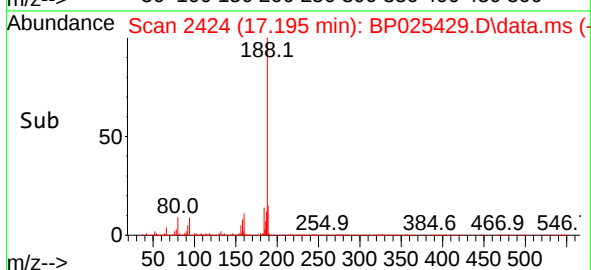
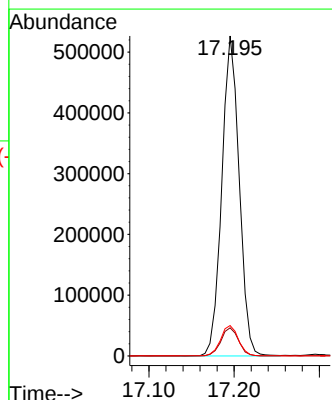
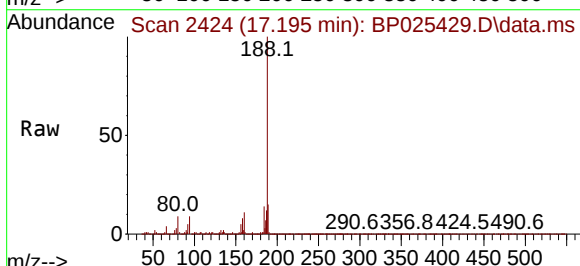
Tgt Ion:188 Resp: 745820

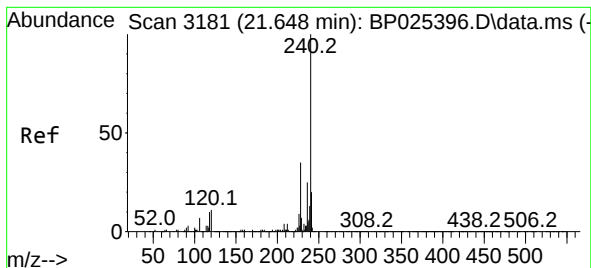
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.5 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3181

Delta R.T. -0.023 min

Lab File: BP025429.D

Acq: 15 Aug 2025 16:12

Instrument :

BNA_P

ClientSampleId :

TW-518R-S

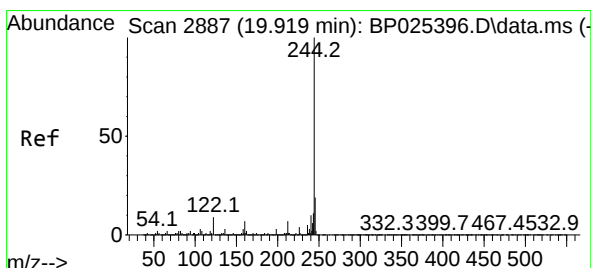
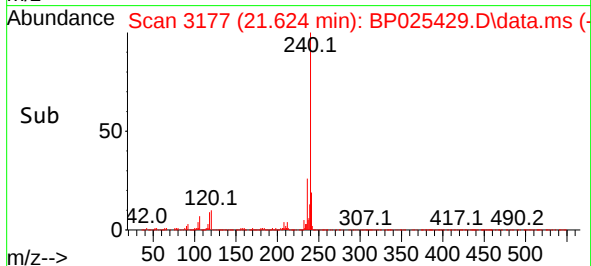
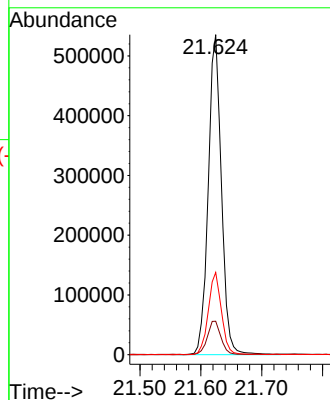
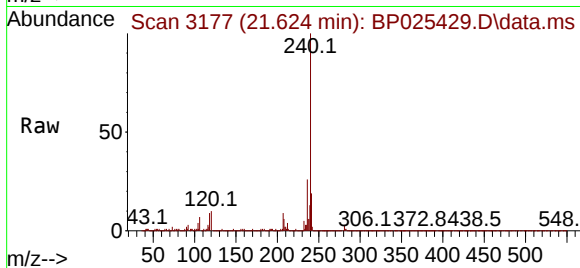
Tgt Ion:240 Resp: 803558

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 65.155 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025429.D

Acq: 15 Aug 2025 16:12

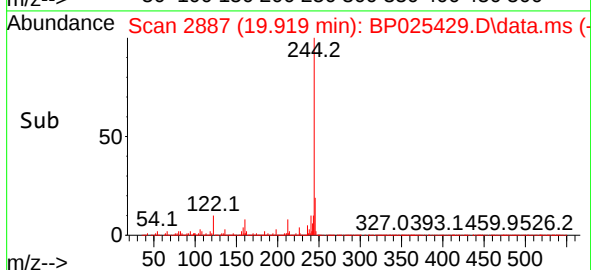
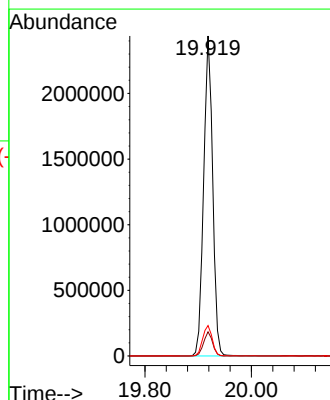
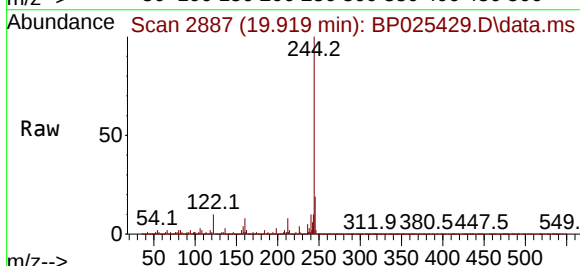
Tgt Ion:244 Resp: 2861648

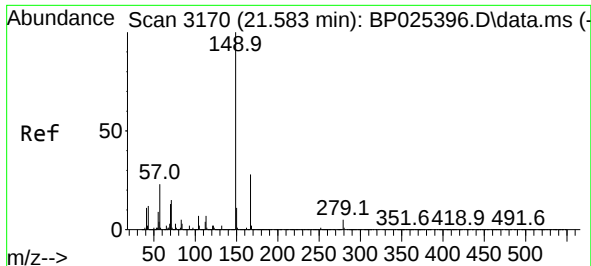
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.5 7.4 11.2

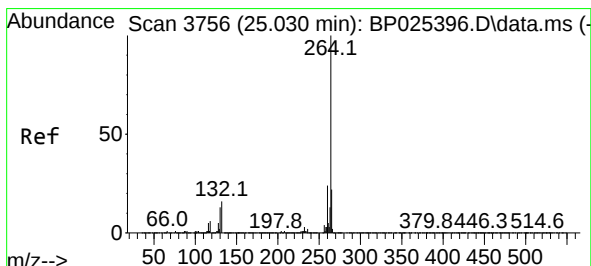
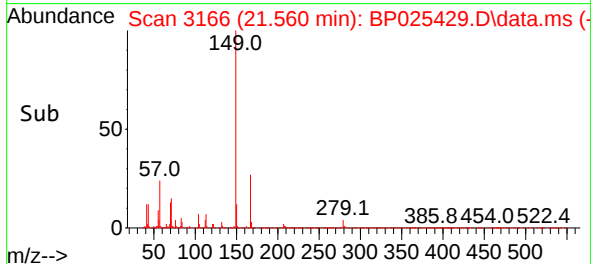
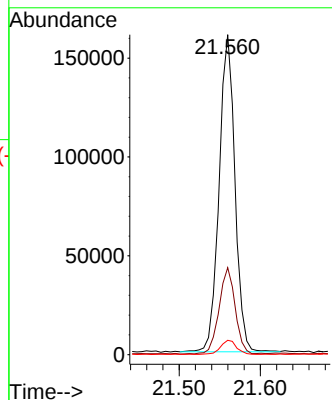
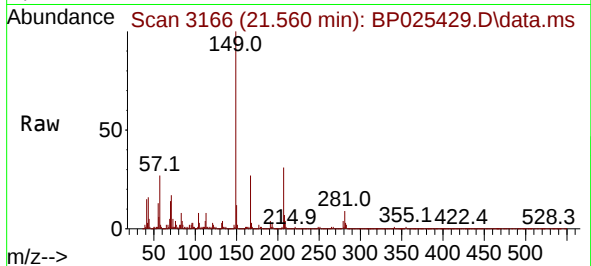




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.248 ng
 RT: 21.560 min Scan# 3170
 Delta R.T. -0.024 min
 Lab File: BP025429.D
 Acq: 15 Aug 2025 16:12

Instrument :
 BNA_P
 ClientSampleId :
 TW-518R-S

Tgt Ion:149 Resp: 217722
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.1 33.1
 279 4.5 3.8 5.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.983 min Scan# 3748
 Delta R.T. -0.047 min
 Lab File: BP025429.D
 Acq: 15 Aug 2025 16:12

Tgt Ion:264 Resp: 896940
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 22.0 17.4 26.0

