

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025621.D
 Acq On : 29 Aug 2025 11:47
 Operator : CG/JU
 Sample : PB169431BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169431BL

Quant Time: Aug 29 12:29:31 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	7.772	152	171849	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	661884	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	407523	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	845135	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	946855	20.000	ng	0.00
86) Perylene-d12	25.013	264	1164705	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1357067	131.143	ng	0.00
7) Phenol-d6	6.961	99	1653155	124.607	ng	0.00
23) Nitrobenzene-d5	8.919	82	1052296	80.423	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	708872	129.231	ng	-0.01
45) 2-Fluorobiphenyl	12.996	172	2299926	77.131	ng	-0.02
79) Terphenyl-d14	19.913	244	3975223	76.812	ng	0.00

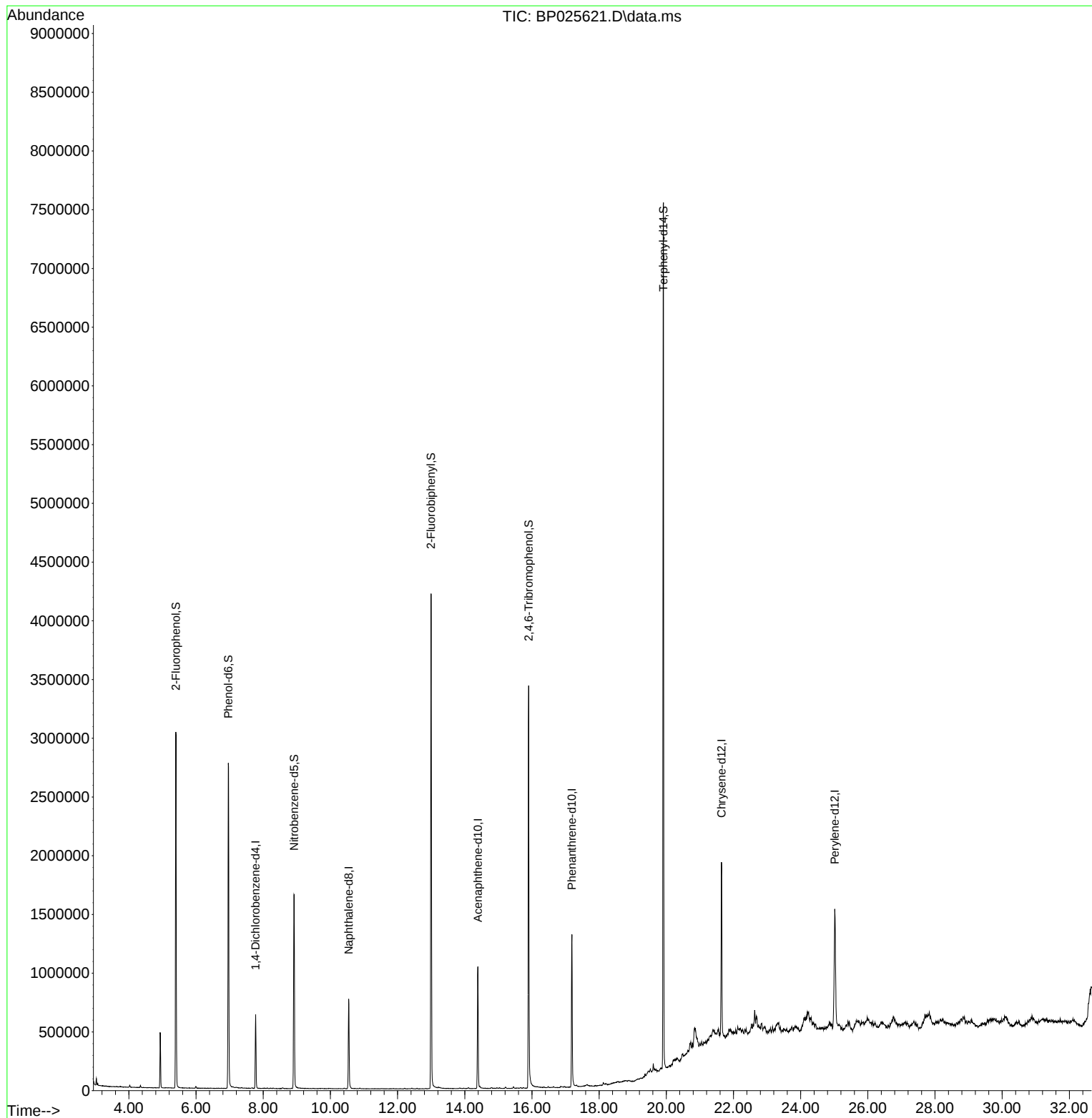
Target Compounds	Qvalue

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

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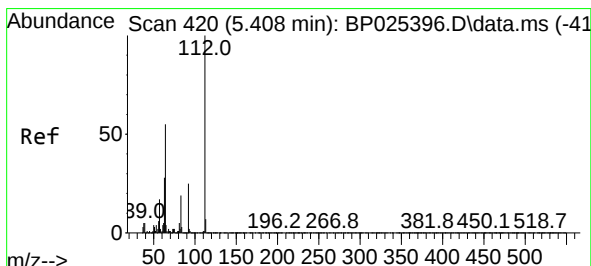
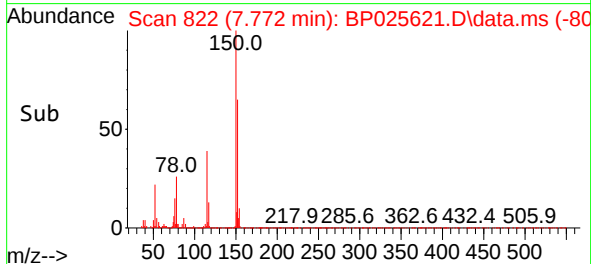
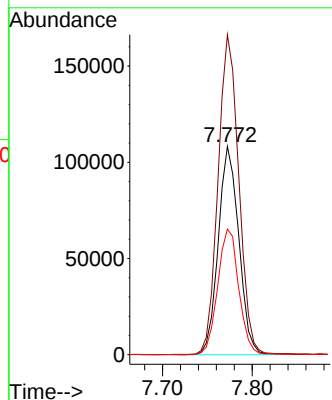
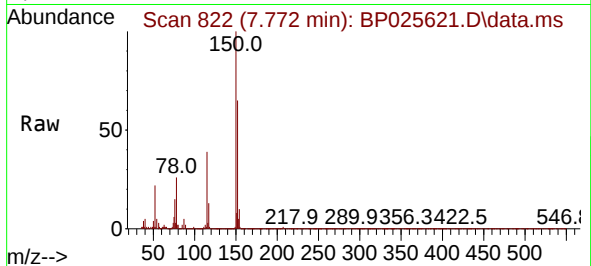




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

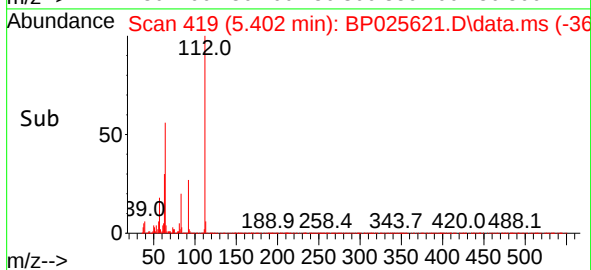
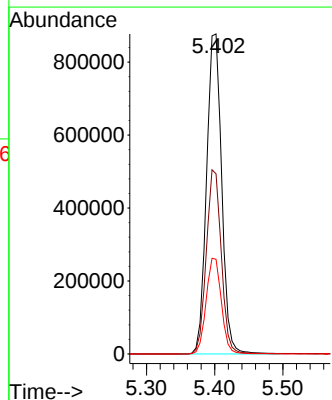
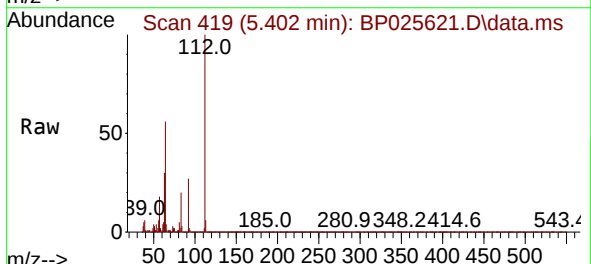
Instrument :
BNA_P
ClientSampleId :
PB169431BL

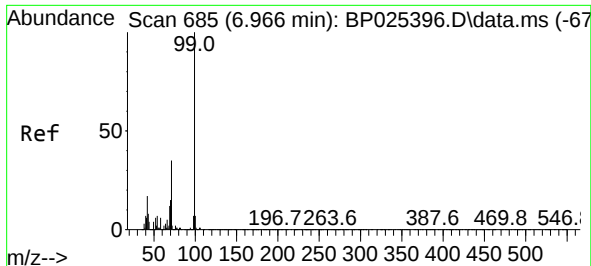
Tgt Ion:152 Resp: 171849
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 60.3 48.5 72.7



#5
2-Fluorophenol
Concen: 131.143 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

Tgt Ion:112 Resp: 1357067
Ion Ratio Lower Upper
112 100
64 56.3 43.8 65.8
63 29.6 22.7 34.1



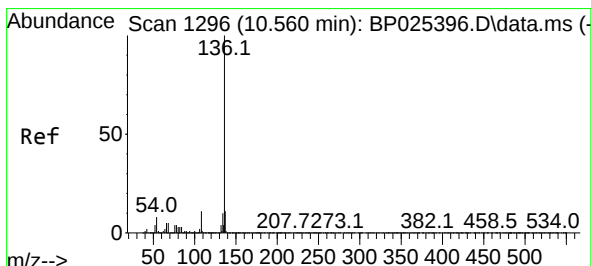
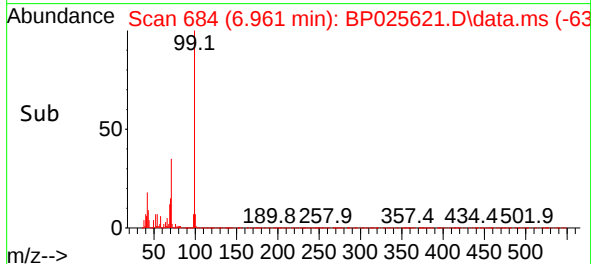
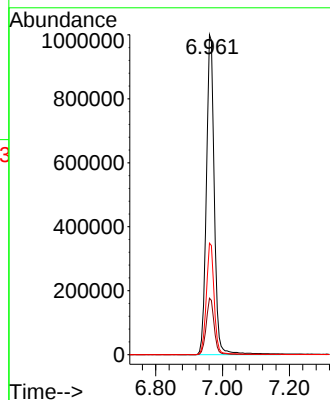
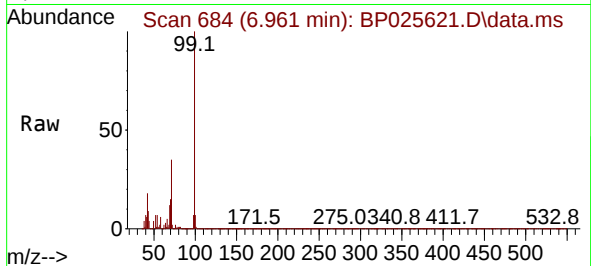


#7
Phenol-d6
Concen: 124.607 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB169431BL

Tgt Ion: 99 Resp: 1653155

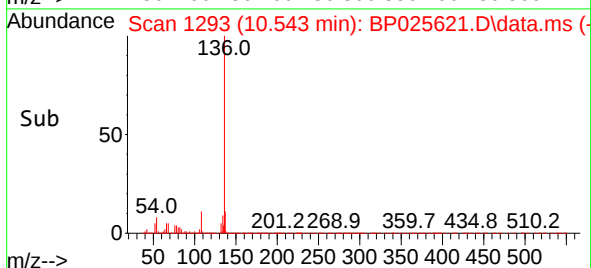
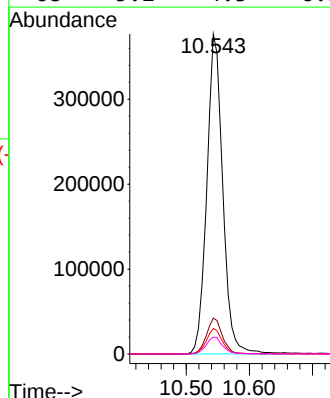
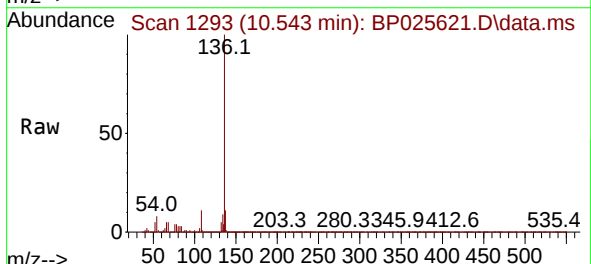
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	34.8	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

Tgt Ion: 136 Resp: 661884

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.9	6.0	9.0
68	5.2	4.3	6.5

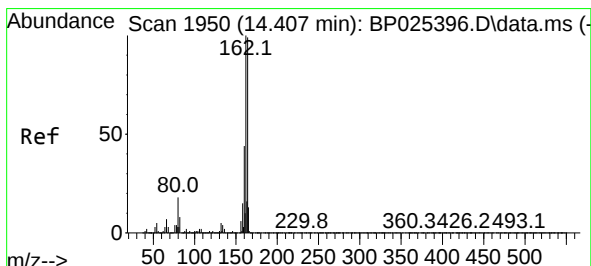
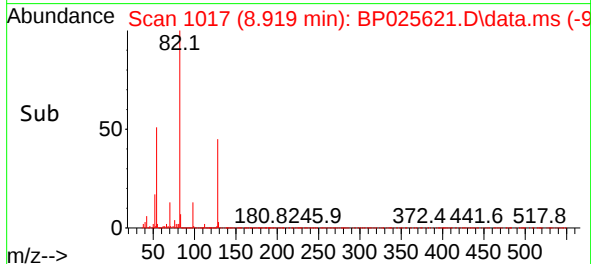
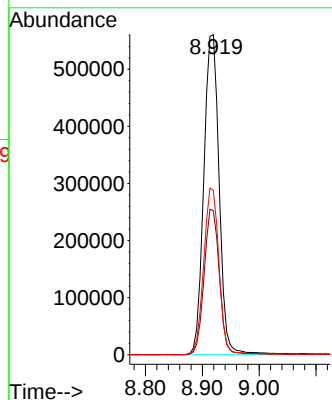
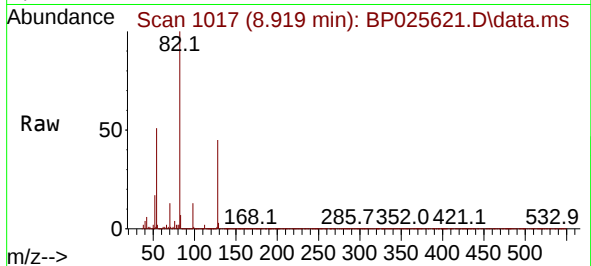




#23
Nitrobenzene-d5
Concen: 80.423 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

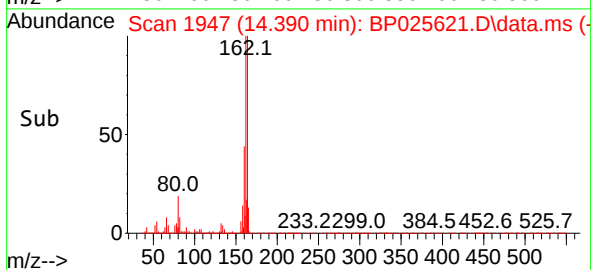
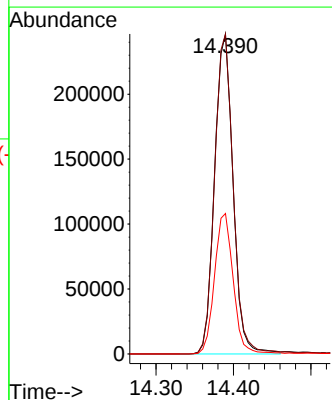
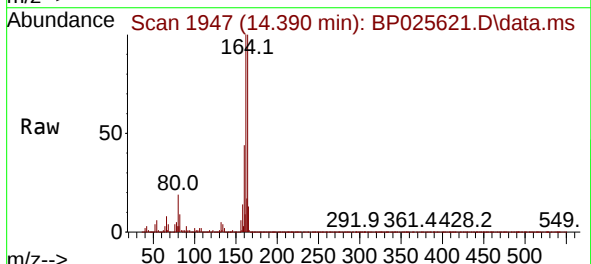
Instrument :
BNA_P
ClientSampleId :
PB169431BL

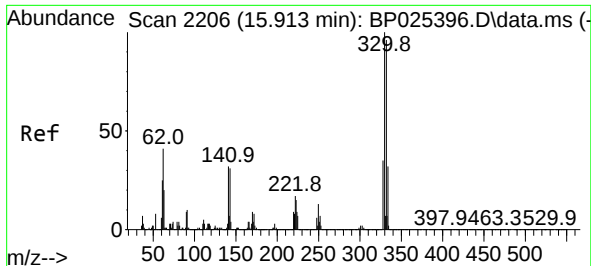
Tgt Ion: 82 Resp: 1052296
Ion Ratio Lower Upper
82 100
128 45.0 37.7 56.5
54 51.4 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

Tgt Ion:164 Resp: 407523
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.6
160 43.9 35.4 53.2

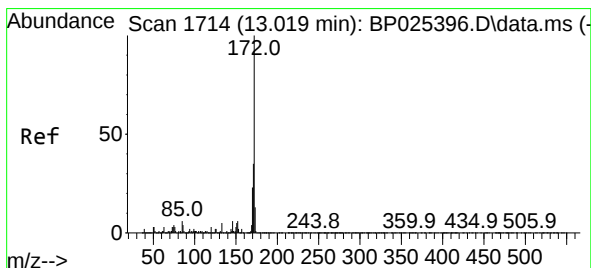
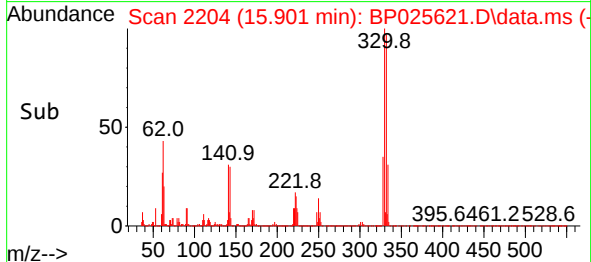
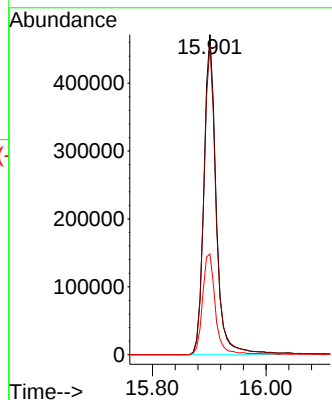
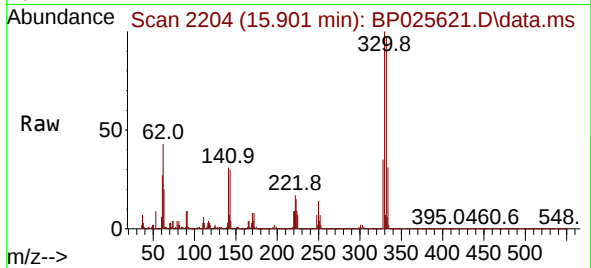




#42
2,4,6-Tribromophenol
Concen: 129.231 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

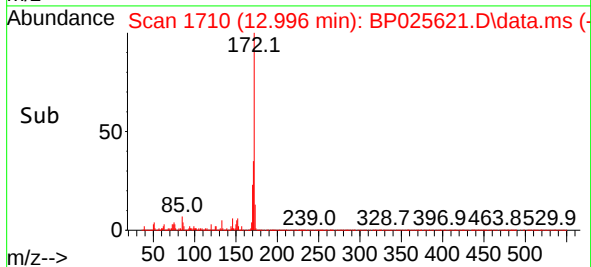
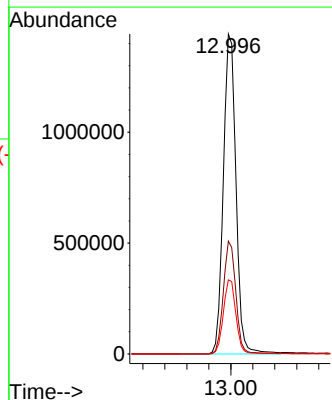
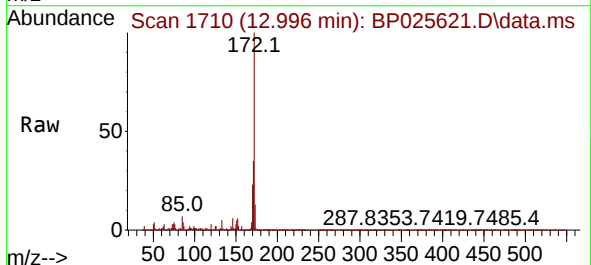
Instrument :
BNA_P
ClientSampleId :
PB169431BL

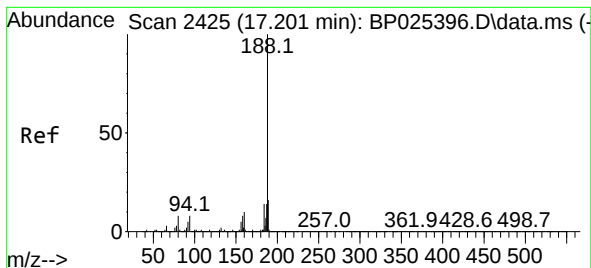
Tgt Ion:330 Resp: 708872
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 33.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 77.131 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025621.D
Acq: 29 Aug 2025 11:47

Tgt Ion:172 Resp: 2299926
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025621.D

Acq: 29 Aug 2025 11:47

Instrument :

BNA_P

ClientSampleId :

PB169431BL

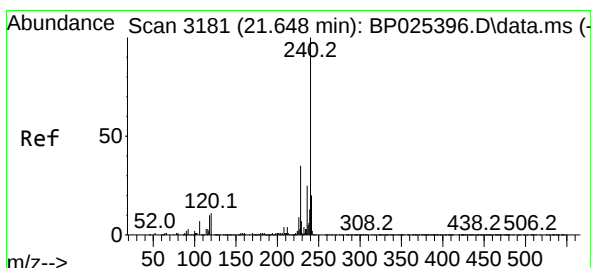
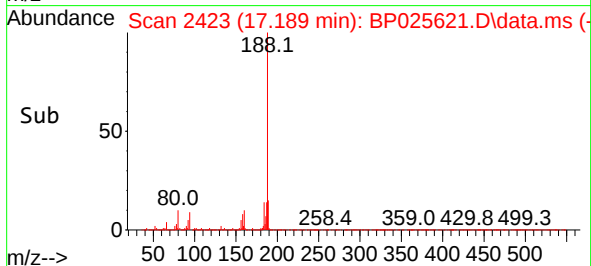
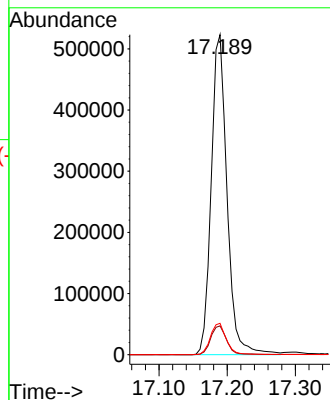
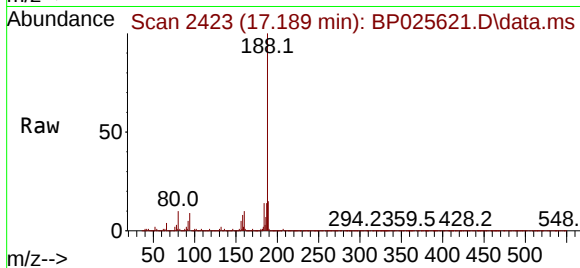
Tgt Ion:188 Resp: 845135

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025621.D

Acq: 29 Aug 2025 11:47

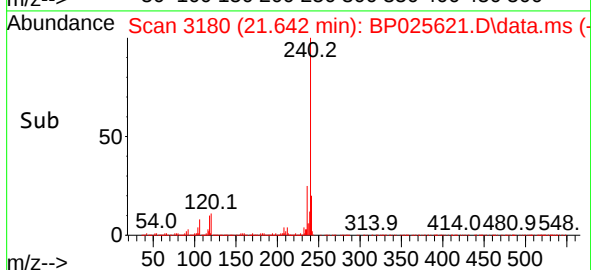
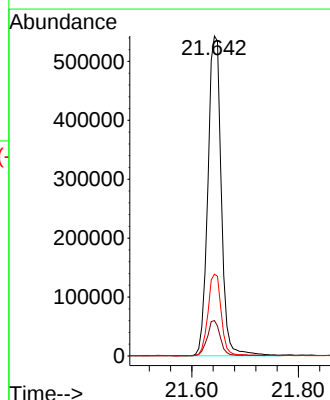
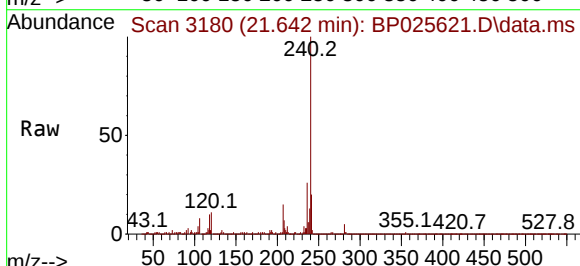
Tgt Ion:240 Resp: 946855

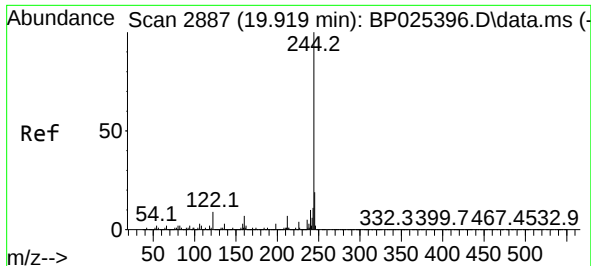
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.6 19.8 29.8

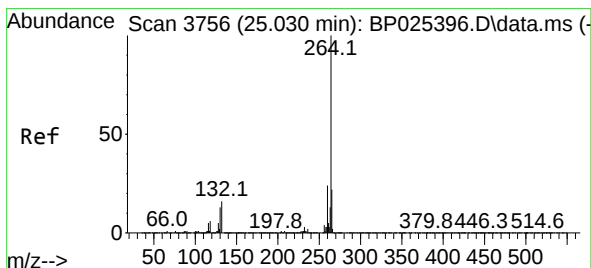
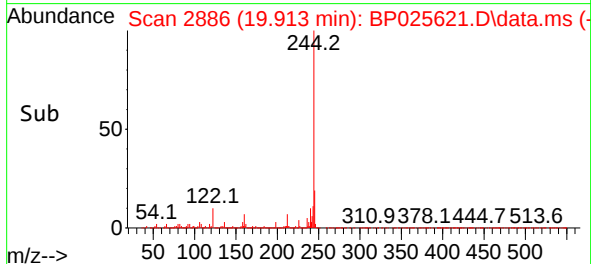
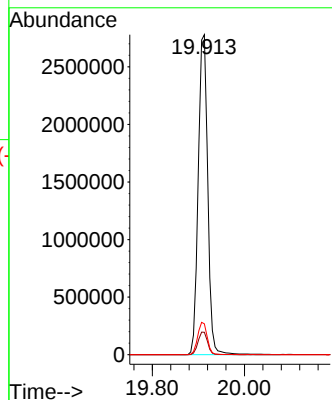
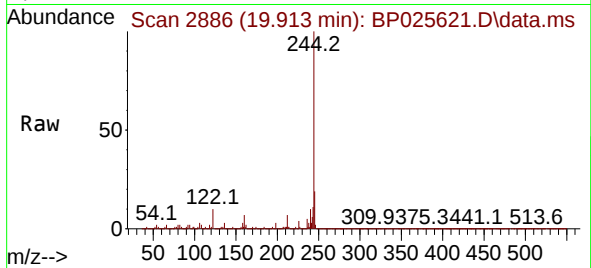




#79
 Terphenyl-d14
 Concen: 76.812 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025621.D
 Acq: 29 Aug 2025 11:47

Instrument :
 BNA_P
 ClientSampleId :
 PB169431BL

Tgt Ion:244 Resp: 3975223
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.6 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.013 min Scan# 3753
 Delta R.T. -0.017 min
 Lab File: BP025621.D
 Acq: 29 Aug 2025 11:47

Tgt Ion:264 Resp: 1164705
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 22.7 17.4 26.0

