

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025409.D
 Acq On : 15 Aug 2025 01:41
 Operator : CG/JU
 Sample : Q2820-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 10PC-W

Quant Time: Aug 15 05:03:36 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	7.789	152	139243	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	559685	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	367909	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	771236	20.000	ng	0.00
76) Chrysene-d12	21.636	240	900414	20.000	ng	-0.01
86) Perylene-d12	25.012	264	1009835	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	677702	80.827	ng	0.00
7) Phenol-d6	6.960	99	882898	82.132	ng	0.00
23) Nitrobenzene-d5	8.925	82	558462	50.475	ng	-0.01
42) 2,4,6-Tribromophenol	15.918	330	429157	86.662	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1374108	51.044	ng	0.00
79) Terphenyl-d14	19.924	244	2473450	50.259	ng	0.00

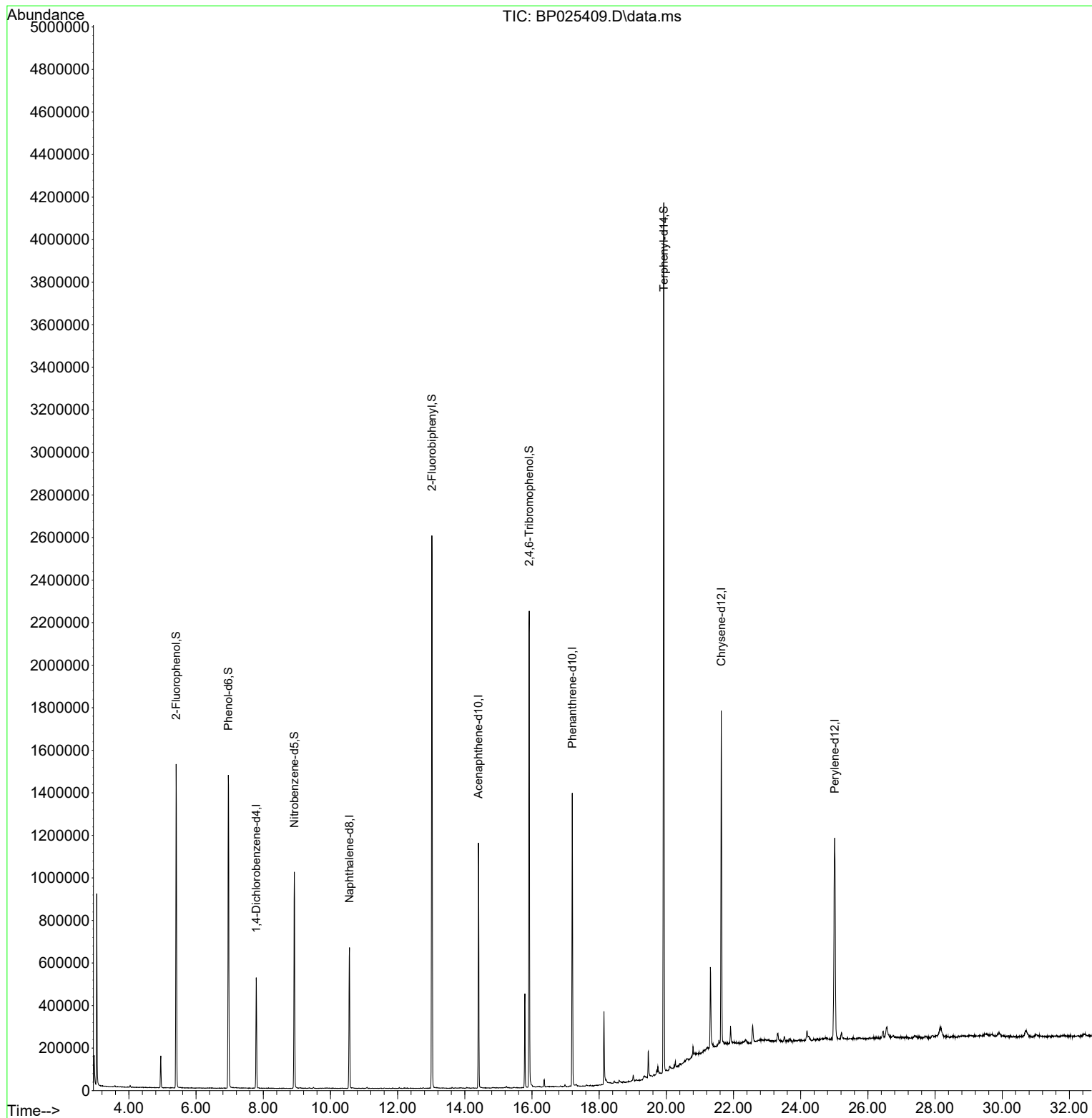
Target Compounds	Qvalue

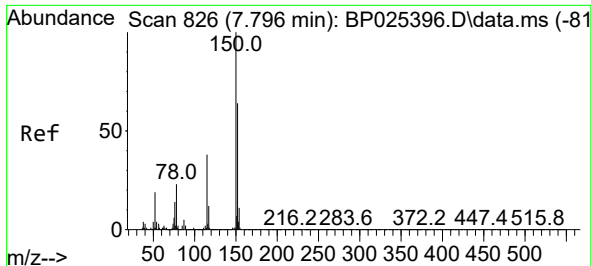
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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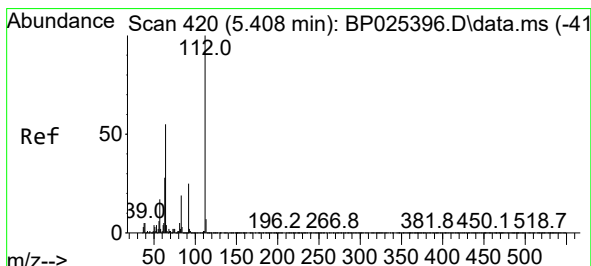
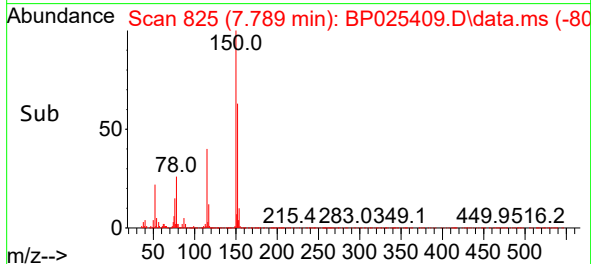
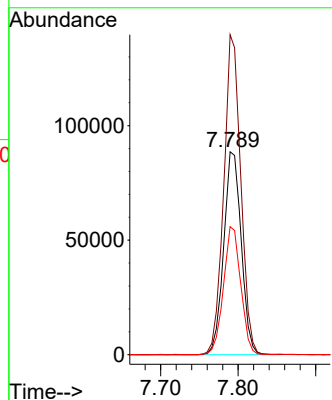
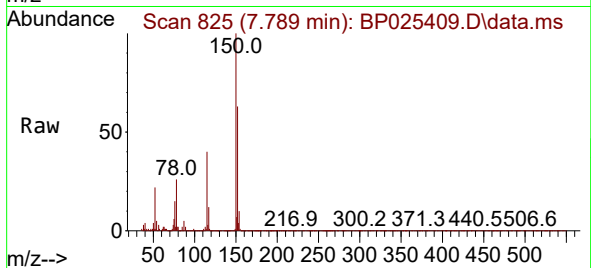




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.789 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BP025409.D
 Acq: 15 Aug 2025 01:41

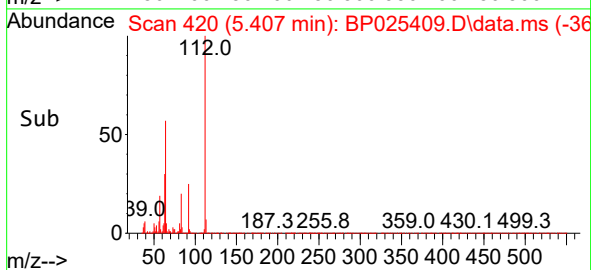
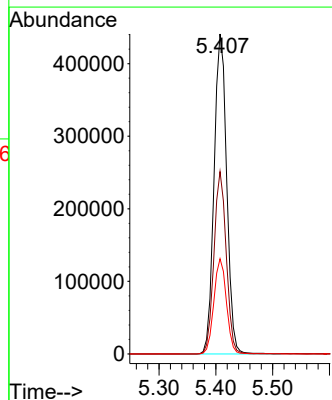
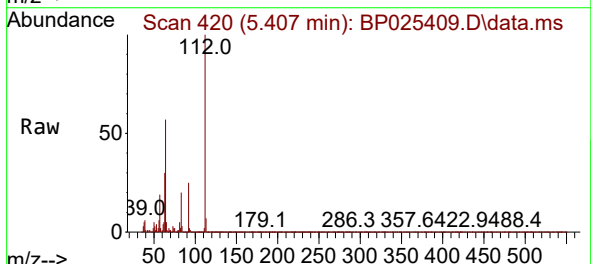
Instrument :
 BNA_P
 ClientSampleId :
 10PC-W

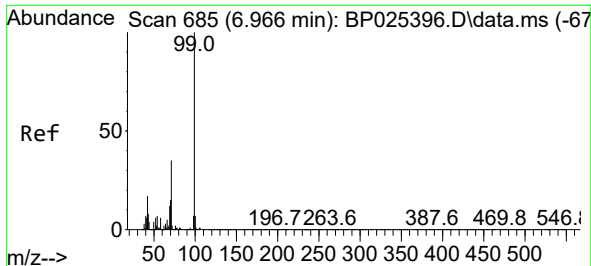
Tgt Ion:152 Resp: 139243
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.9 188.9
 115 63.1 48.5 72.7



#5
 2-Fluorophenol
 Concen: 80.827 ng
 RT: 5.407 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025409.D
 Acq: 15 Aug 2025 01:41

Tgt Ion:112 Resp: 677702
 Ion Ratio Lower Upper
 112 100
 64 57.0 43.8 65.8
 63 29.7 22.7 34.1

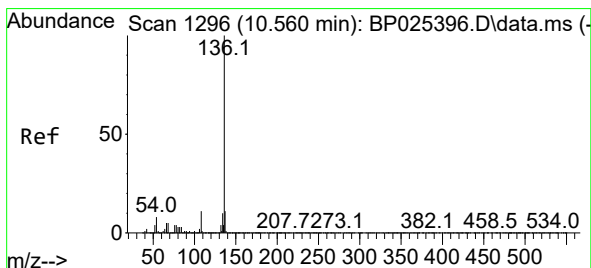
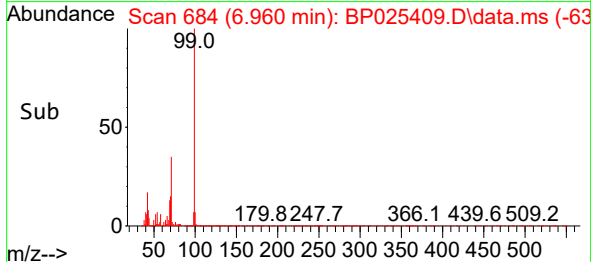
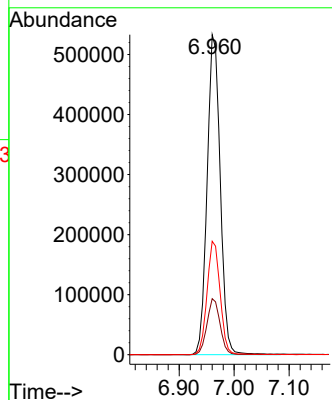
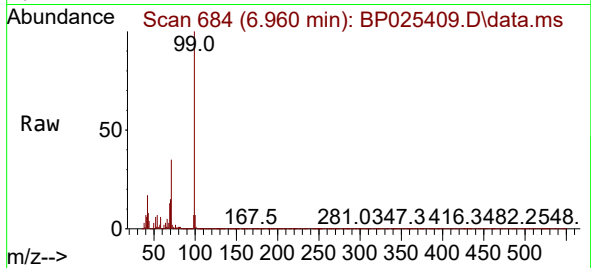




#7
Phenol-d6
Concen: 82.132 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

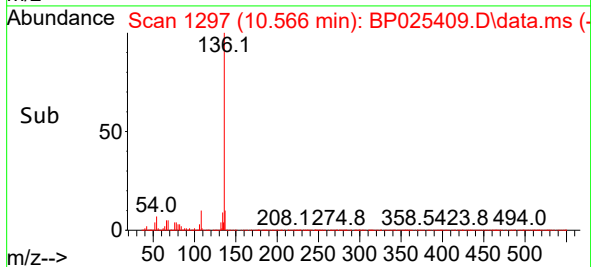
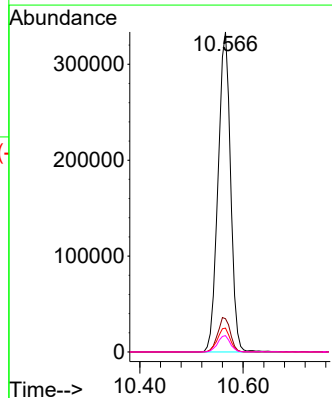
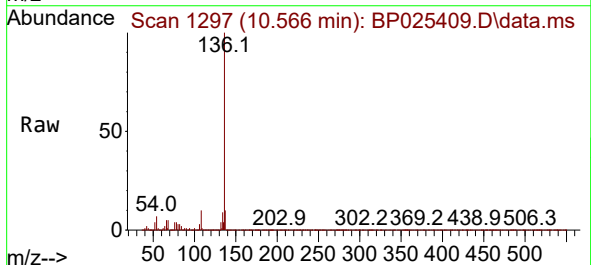
Instrument :
BNA_P
ClientSampleId :
10PC-W

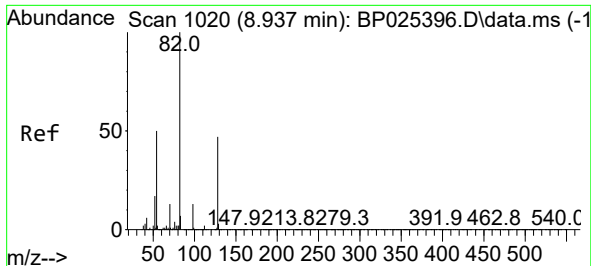
Tgt Ion: 99 Resp: 882898
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 35.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

Tgt Ion: 136 Resp: 559685
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.5 6.0 9.0
68 5.1 4.3 6.5

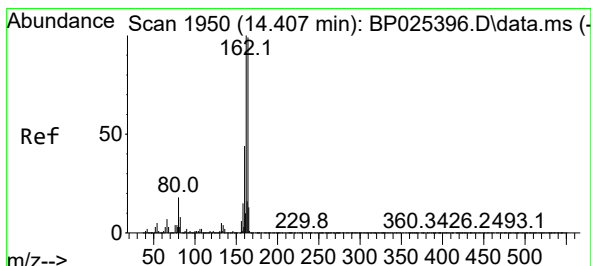
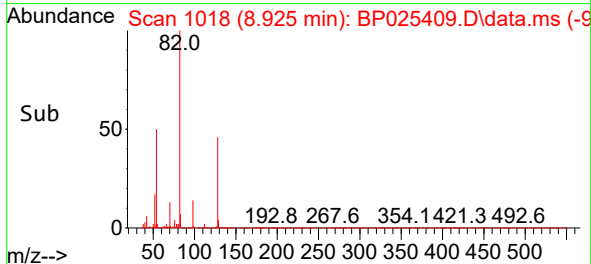
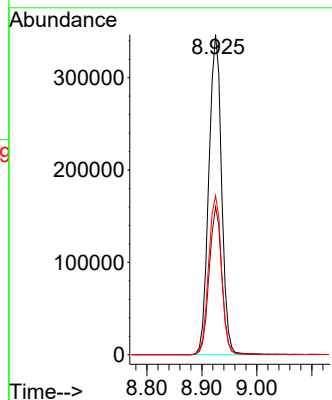
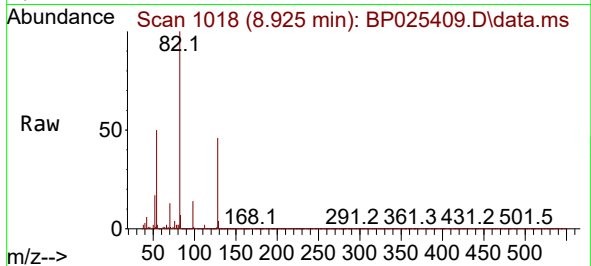




#23
Nitrobenzene-d5
Concen: 50.475 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

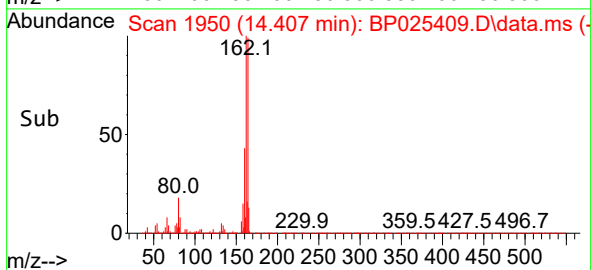
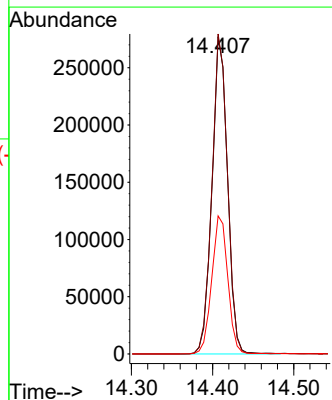
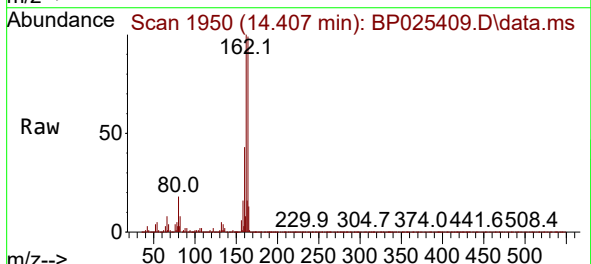
Instrument :
BNA_P
ClientSampleId :
10PC-W

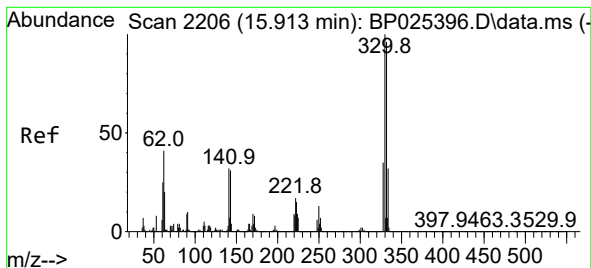
Tgt Ion: 82 Resp: 558462
Ion Ratio Lower Upper
82 100
128 46.2 37.7 56.5
54 49.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

Tgt Ion:164 Resp: 367909
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 43.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 86.662 ng

RT: 15.918 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BP025409.D

Acq: 15 Aug 2025 01:41

Instrument :

BNA_P

ClientSampleId :

10PC-W

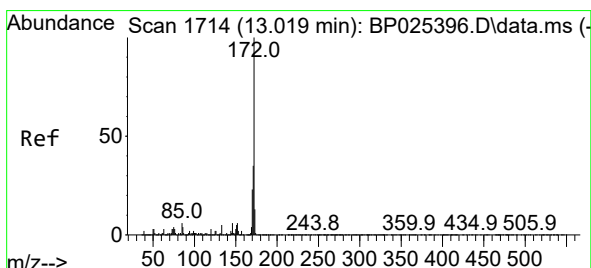
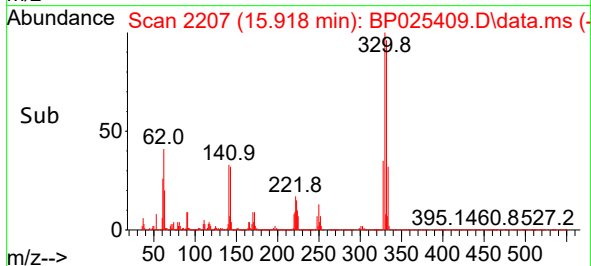
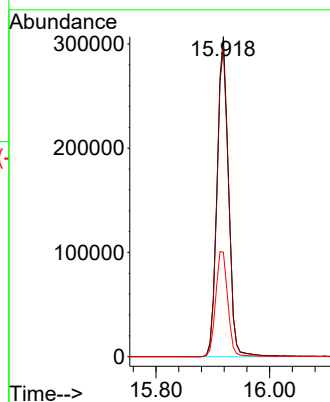
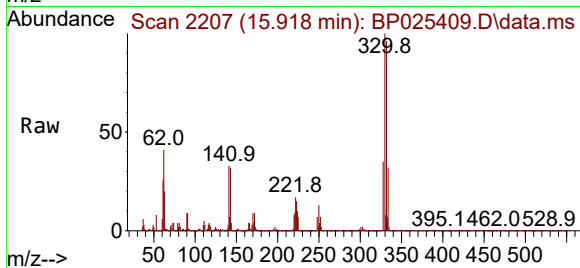
Tgt Ion:330 Resp: 429157

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 34.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 51.044 ng

RT: 13.019 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP025409.D

Acq: 15 Aug 2025 01:41

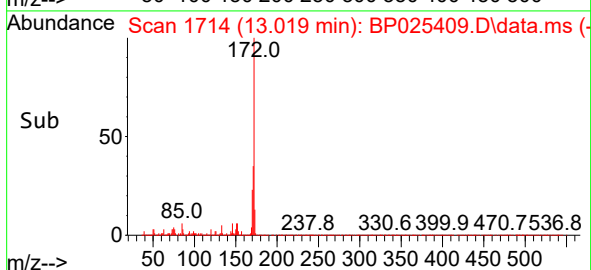
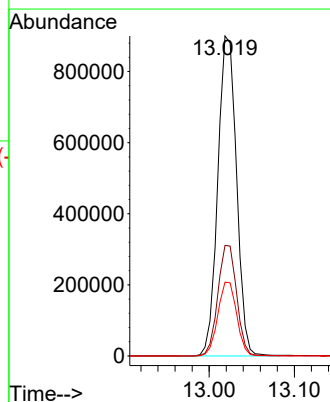
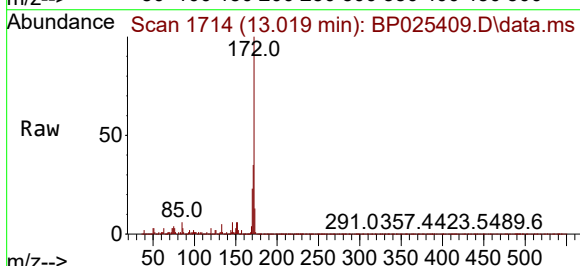
Tgt Ion:172 Resp: 1374108

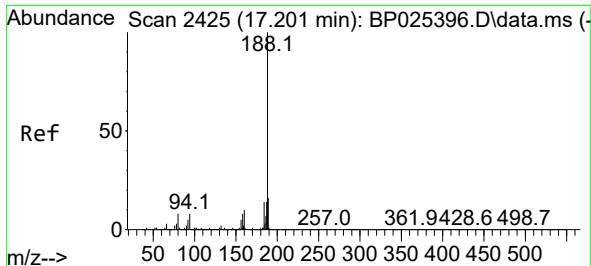
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.1 18.6 28.0

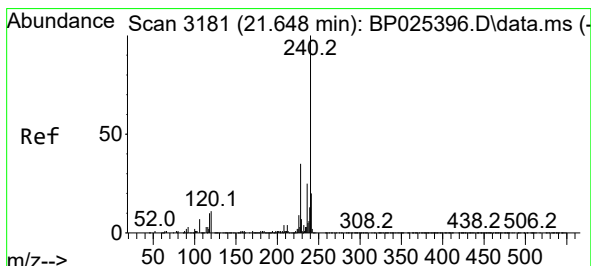
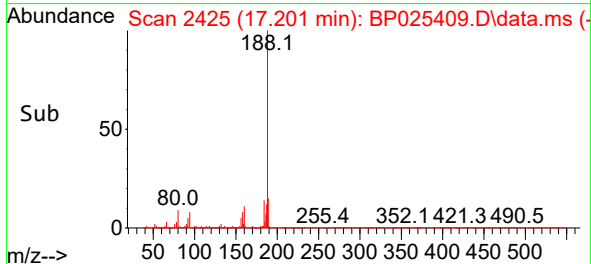
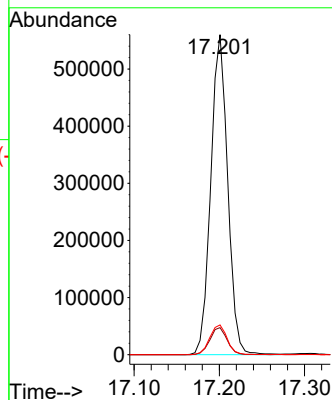
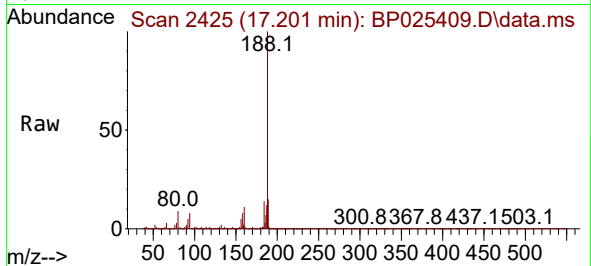




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

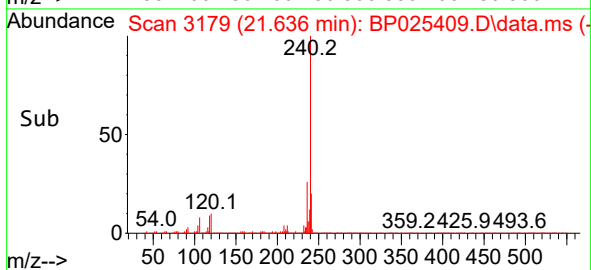
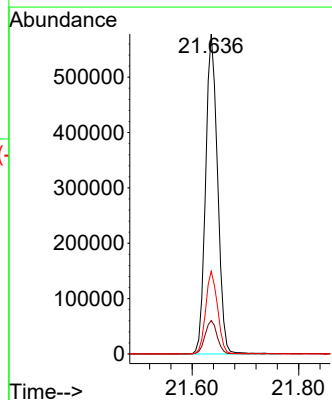
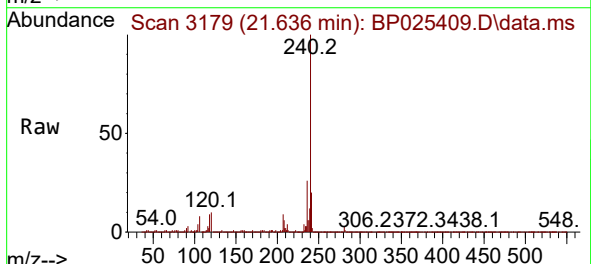
Instrument :
BNA_P
ClientSampleId :
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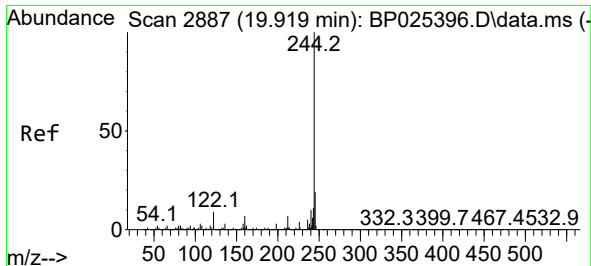
Tgt Ion:188 Resp: 771236
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

Tgt Ion:240 Resp: 900414
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.8 19.8 29.8

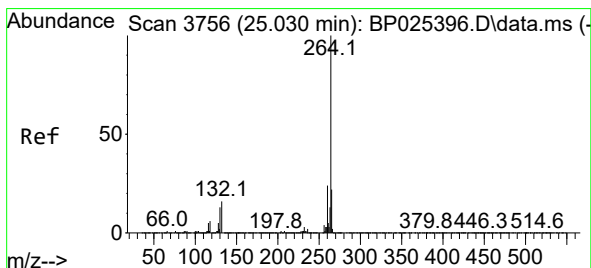
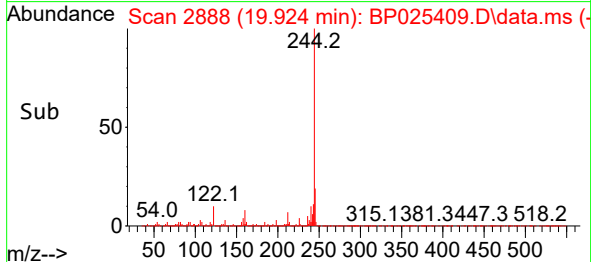
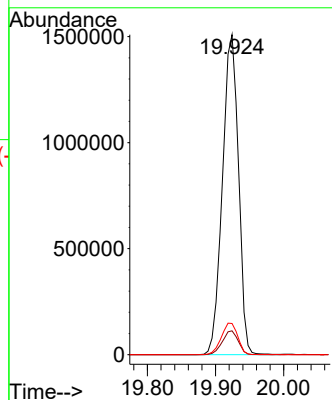
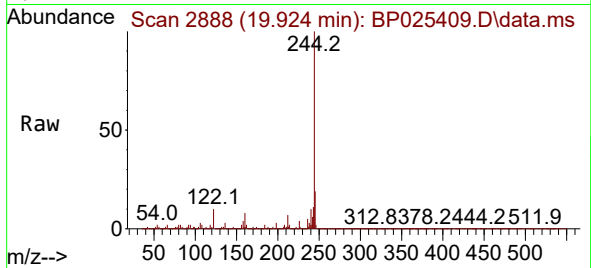




#79
Terphenyl-d14
Concen: 50.259 ng
RT: 19.924 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

Instrument :
BNA_P
ClientSampleId :
10PC-W

Tgt Ion:244 Resp: 2473450
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.8 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3753
Delta R.T. -0.018 min
Lab File: BP025409.D
Acq: 15 Aug 2025 01:41

Tgt Ion:264 Resp: 1009835
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.8 17.4 26.0

