

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025465.D
 Acq On : 18 Aug 2025 17:35
 Operator : CG/JU
 Sample : Q2876-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-08142025

Quant Time: Aug 18 18:28:15 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	7.790	152	141193	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	545260	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	342091	20.000	ng	-0.01
64) Phenanthrene-d10	17.183	188	715471	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	848158	20.000	ng	-0.02
86) Perylene-d12	25.006	264	1004245	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	469737	55.250	ng	0.00
7) Phenol-d6	6.966	99	610714	56.027	ng	0.00
23) Nitrobenzene-d5	8.925	82	370343	34.358	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	267213	58.032	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	892842	35.670	ng	0.00
79) Terphenyl-d14	19.907	244	1602724	34.573	ng	-0.01

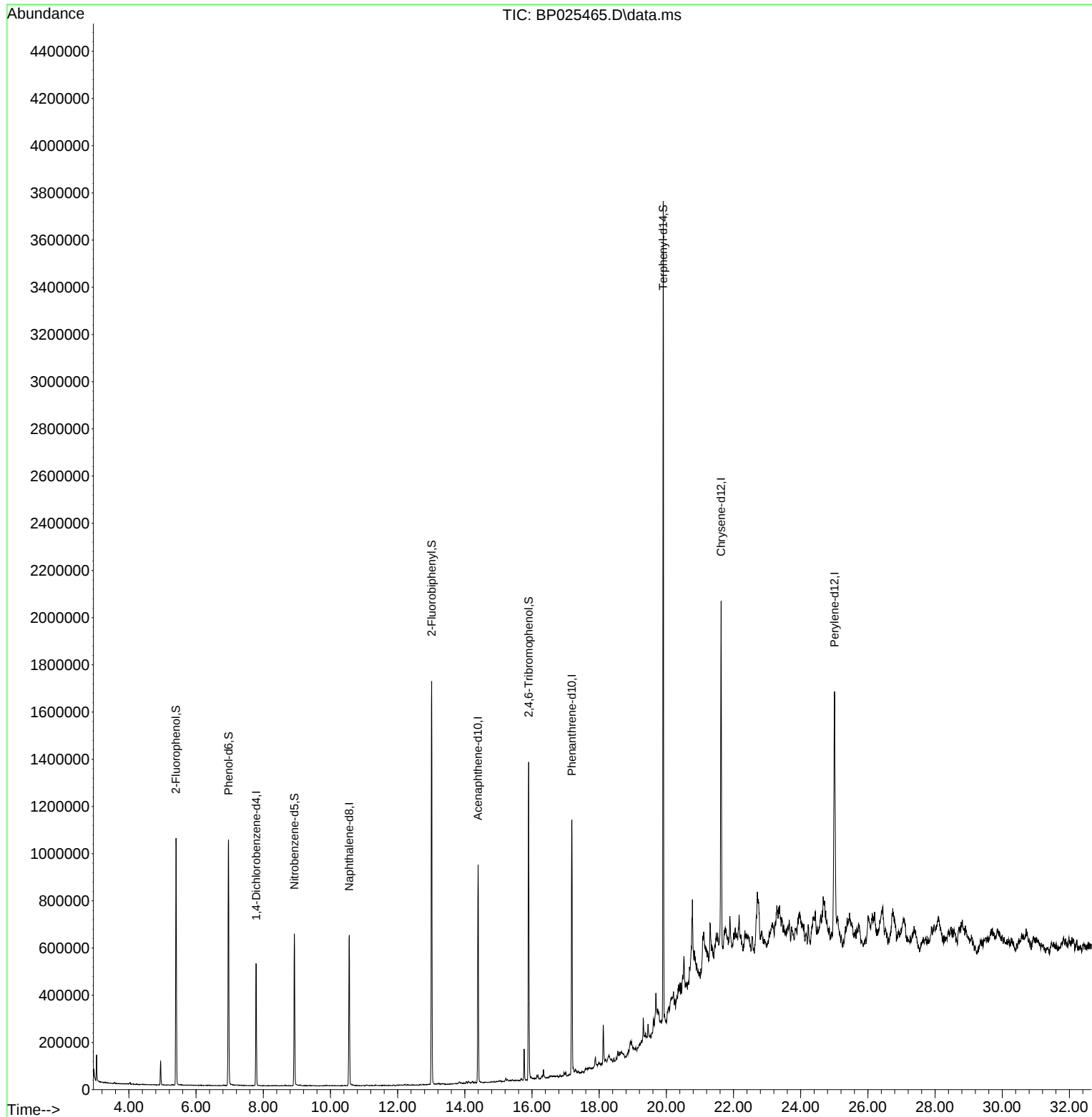
Target Compounds	Qvalue

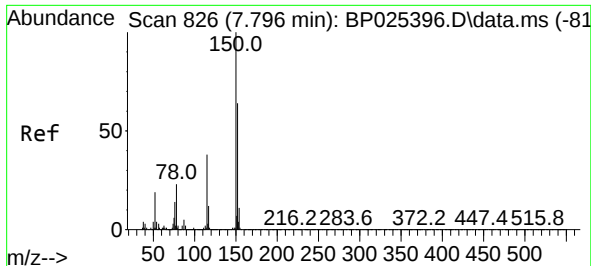
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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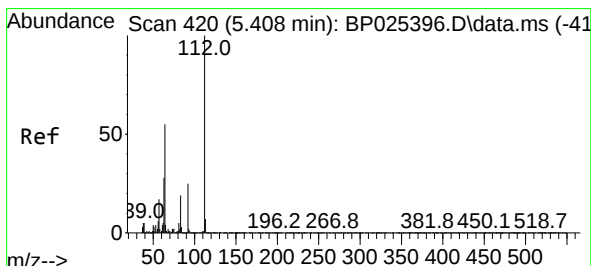
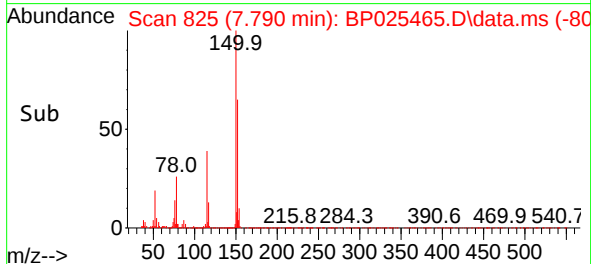
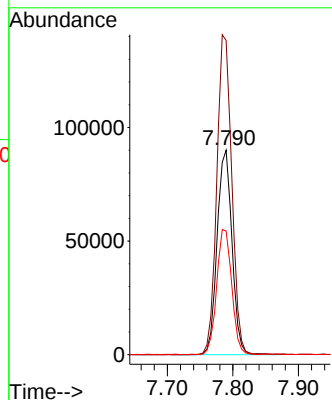
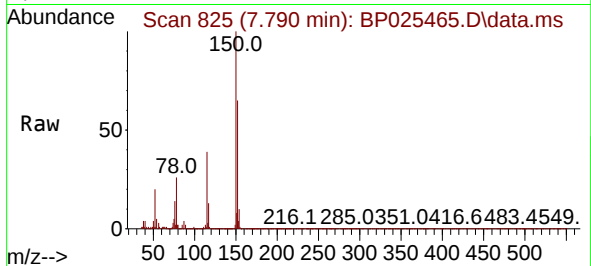




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

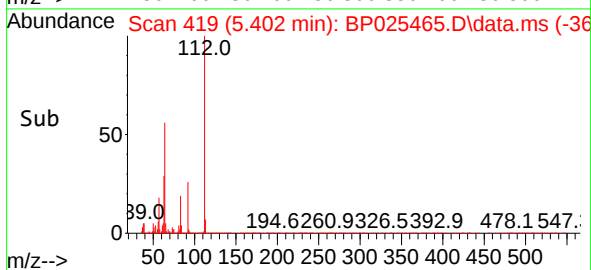
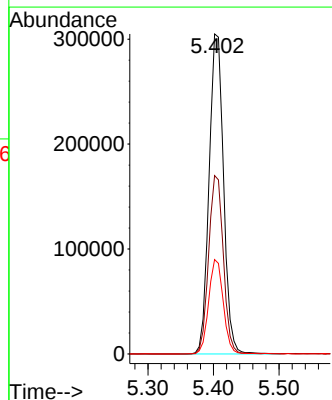
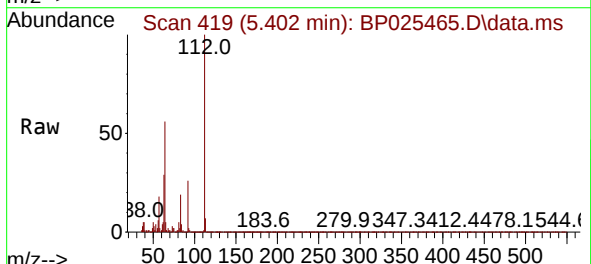
Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

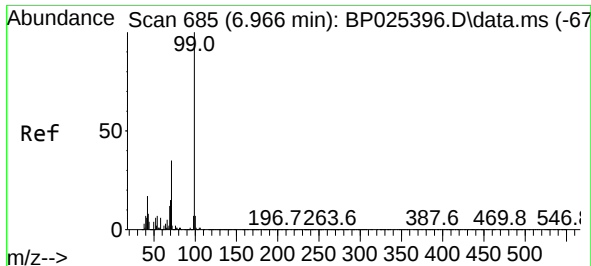
Tgt Ion:152 Resp: 141193
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 55.250 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

Tgt Ion:112 Resp: 469737
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.8
63 29.5 22.7 34.1



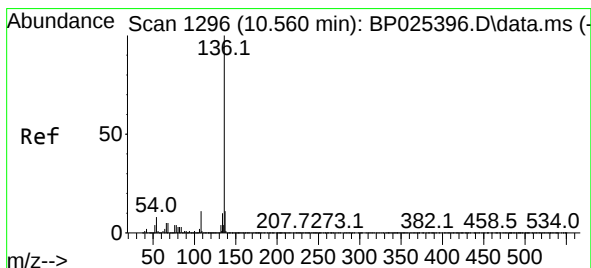
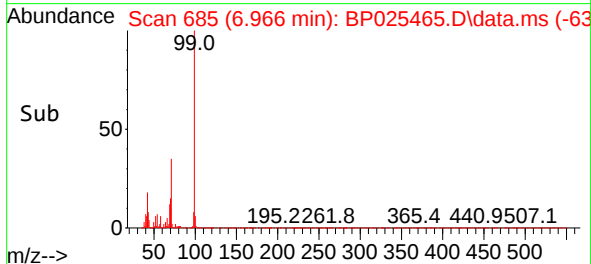
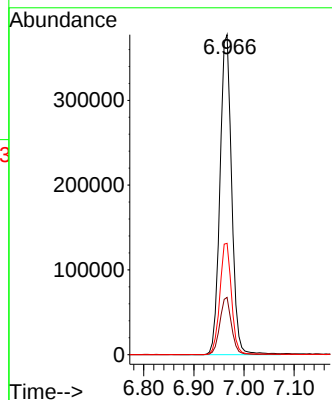
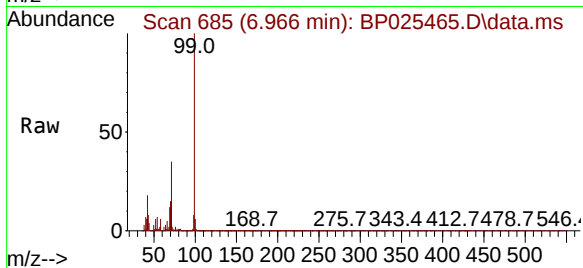


#7
Phenol-d6
Concen: 56.027 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

Tgt Ion: 99 Resp: 610714

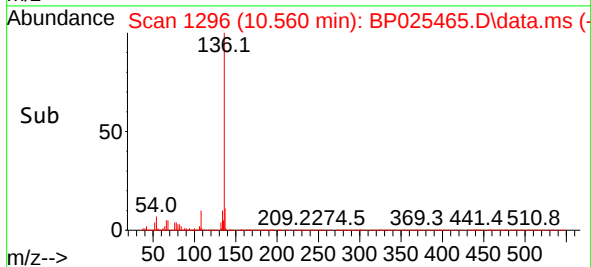
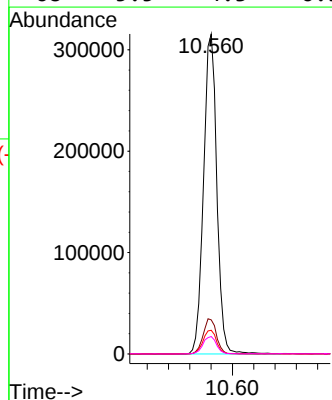
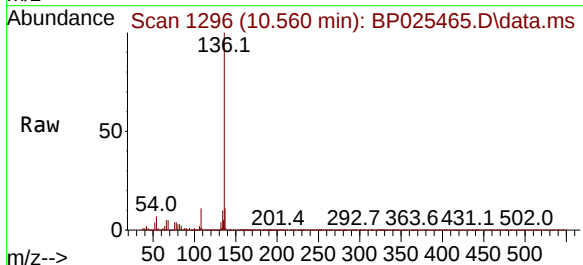
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	34.8	28.2	42.4

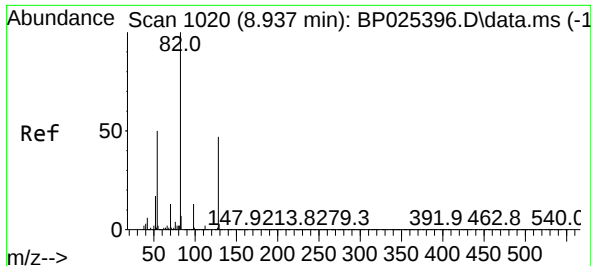


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

Tgt Ion: 136 Resp: 545260

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.4	6.0	9.0
68	5.5	4.3	6.5

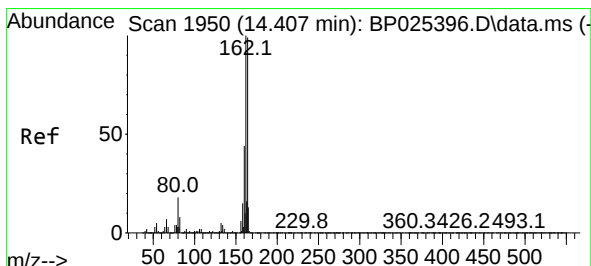
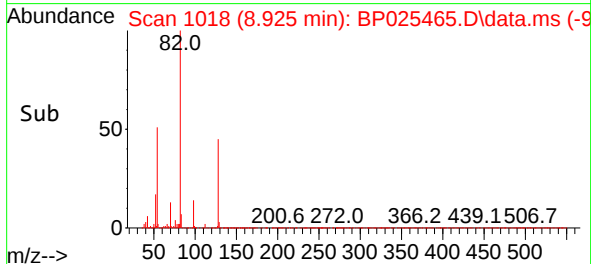
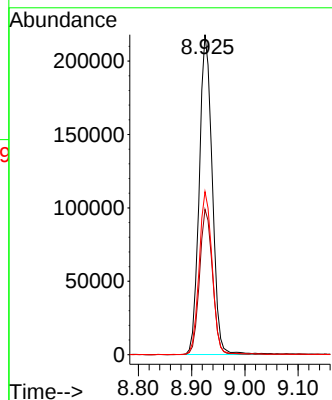
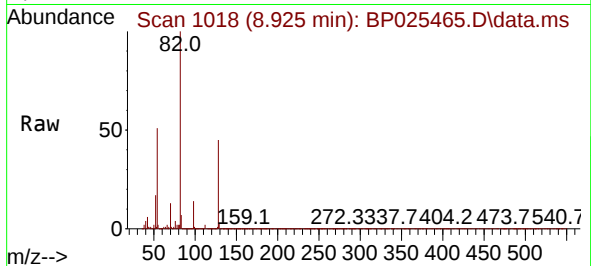




#23
Nitrobenzene-d5
Concen: 34.358 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

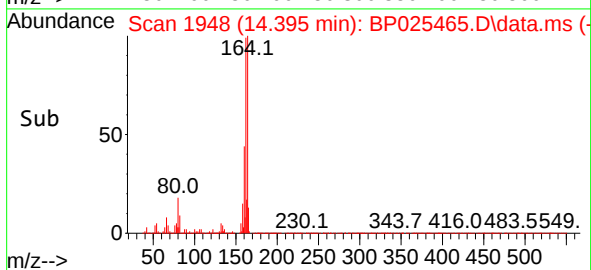
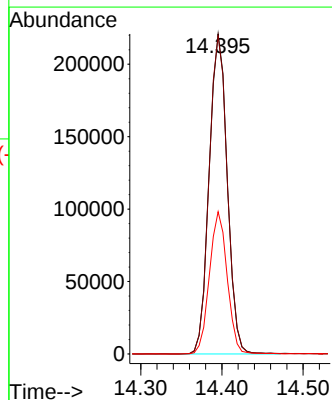
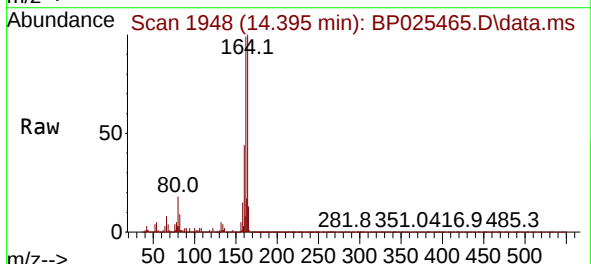
Instrument :
BNA_P
ClientSampleId :
CL-02-08142025

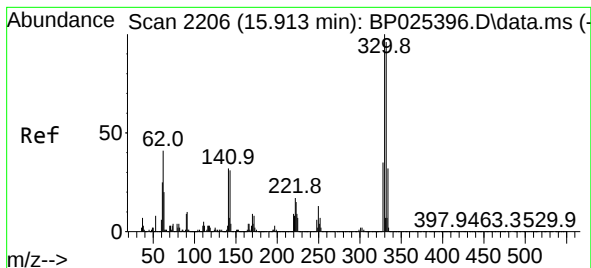
Tgt Ion: 82 Resp: 370343
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 51.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

Tgt Ion:164 Resp: 342091
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.6
160 44.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 58.032 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

Instrument :

BNA_P

ClientSampleId :

CL-02-08142025

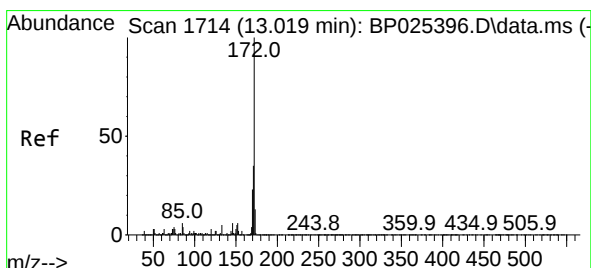
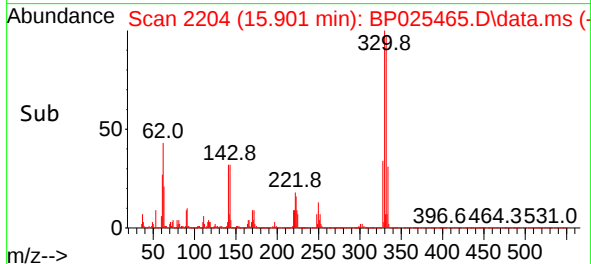
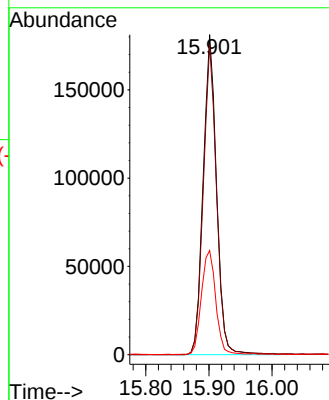
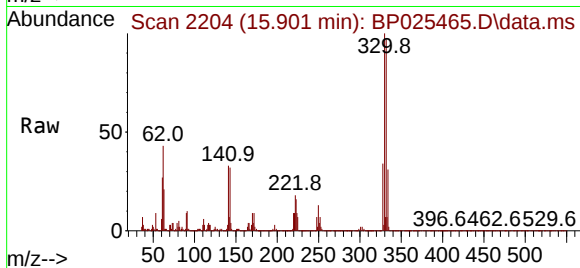
Tgt Ion:330 Resp: 267213

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 35.670 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

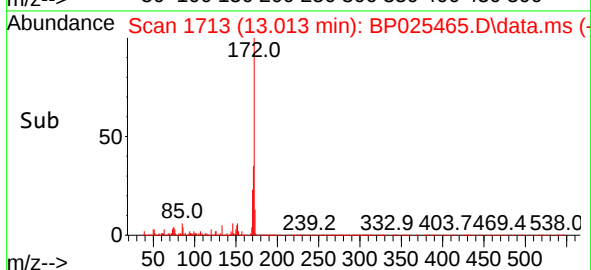
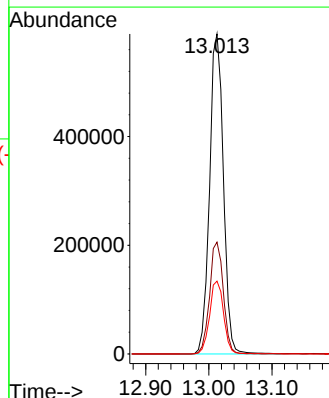
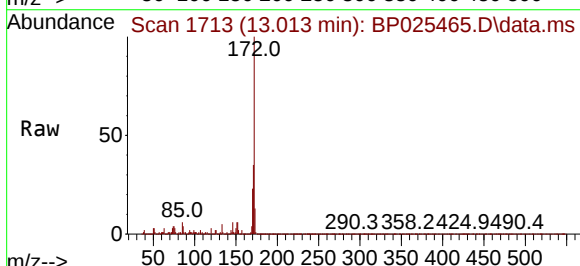
Tgt Ion:172 Resp: 892842

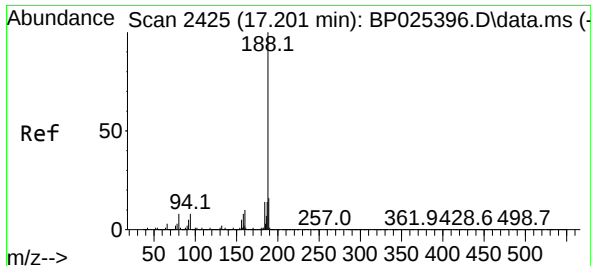
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 22.7 18.6 28.0

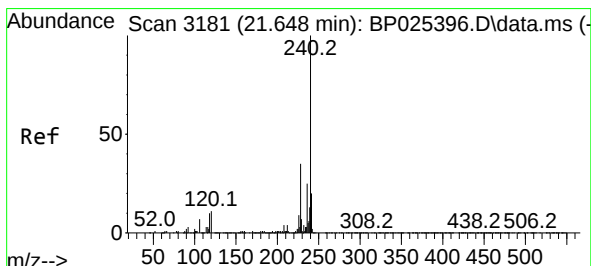
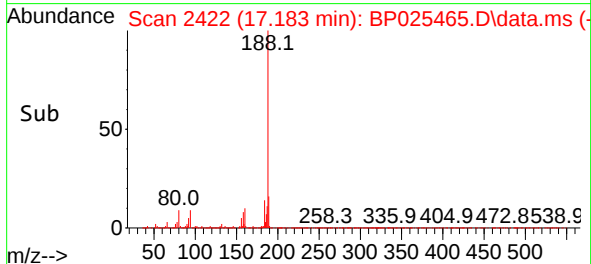
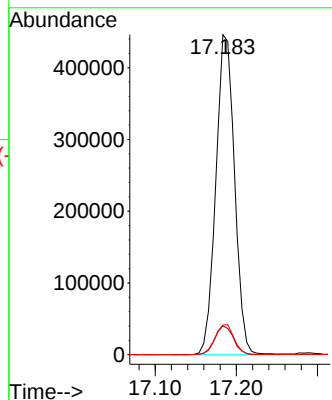
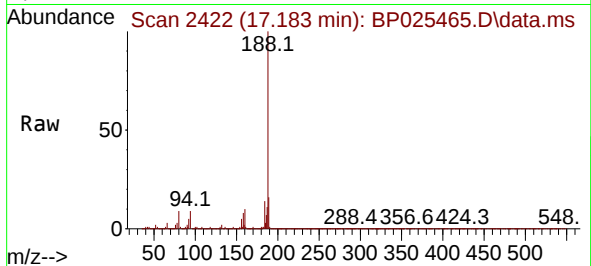




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2425
Delta R.T. -0.018 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

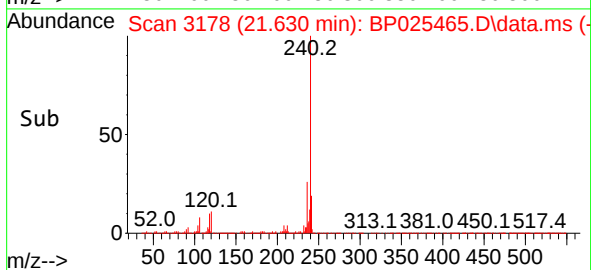
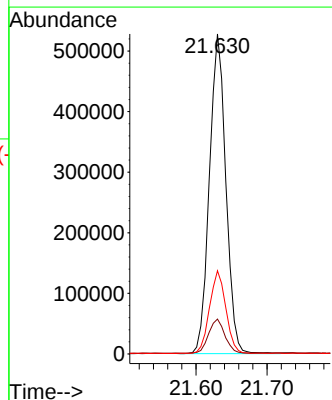
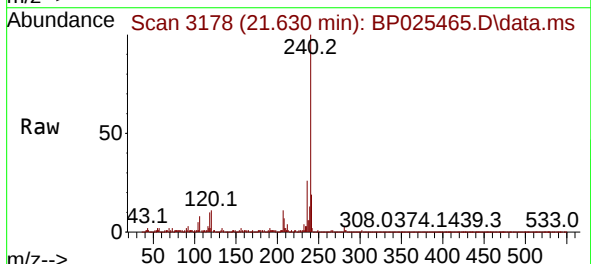
Instrument :
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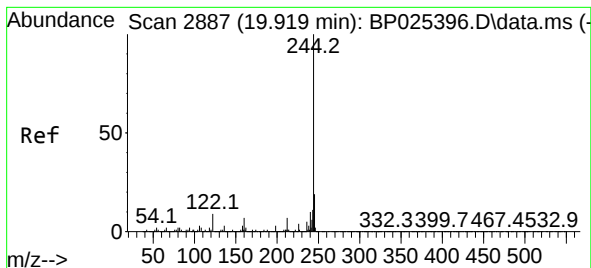
Tgt Ion:188 Resp: 715471
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.3 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025465.D
Acq: 18 Aug 2025 17:35

Tgt Ion:240 Resp: 848158
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 34.573 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

Instrument :

BNA_P

ClientSampleId :

CL-02-08142025

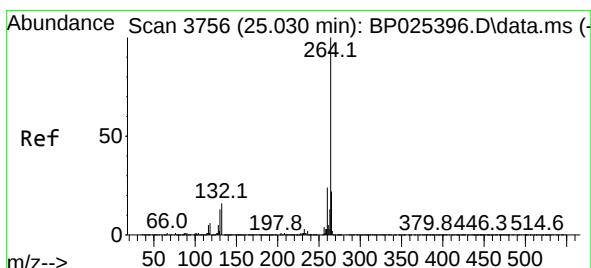
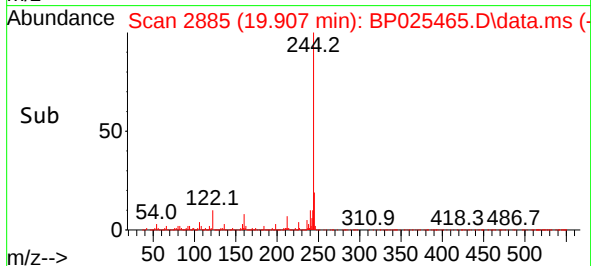
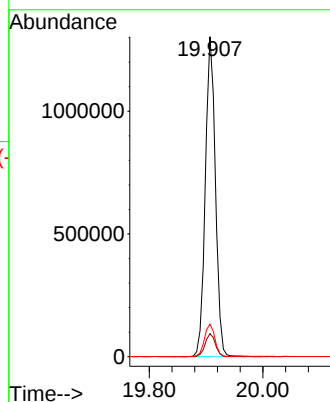
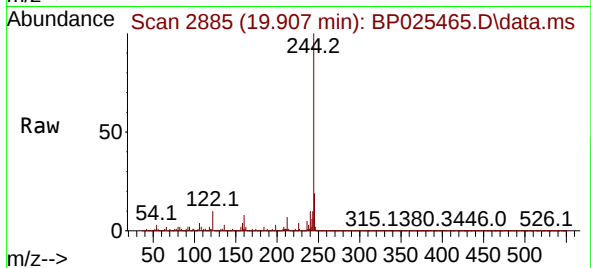
Tgt Ion:244 Resp: 1602724

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025465.D

Acq: 18 Aug 2025 17:35

Tgt Ion:264 Resp: 1004245

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.0 17.4 26.0

