

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025480.D
Acq On : 19 Aug 2025 17:36
Operator : CG/JU
Sample : Q2815-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB

Quant Time: Aug 19 17:57:25 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	167066	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	639641	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	412613	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	881450	20.000	ng	# 0.00
76) Chrysene-d12	21.648	240	1063194	20.000	ng	0.00
86) Perylene-d12	25.012	264	1155861	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	694786	69.064	ng	0.00
7) Phenol-d6	6.966	99	544321	42.203	ng	0.00
23) Nitrobenzene-d5	8.931	82	1111466	87.899	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	778281	140.135	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2413855	79.953	ng	0.00
79) Terphenyl-d14	19.919	244	4686639	80.649	ng	0.00

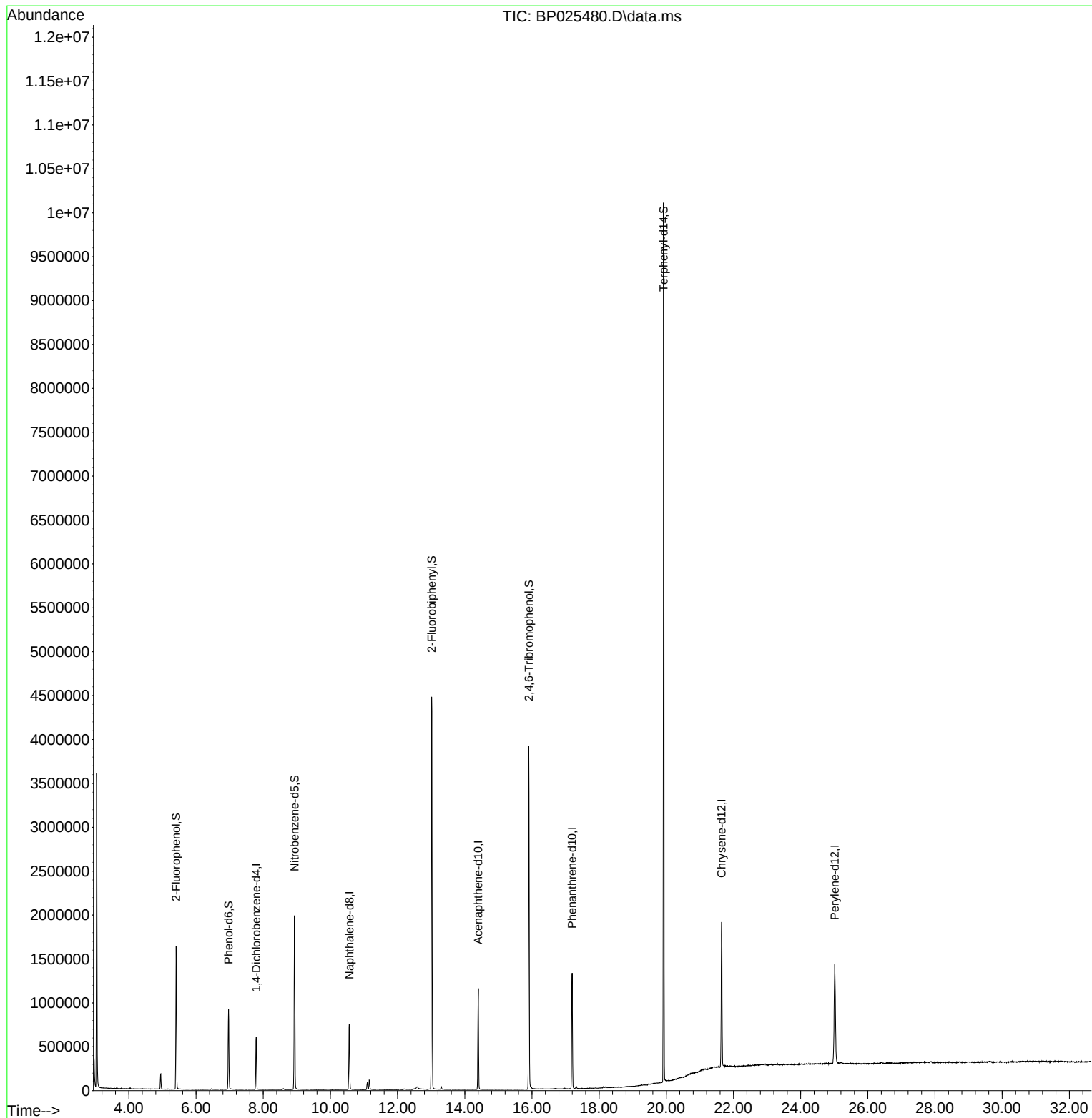
Target Compounds	Qvalue

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

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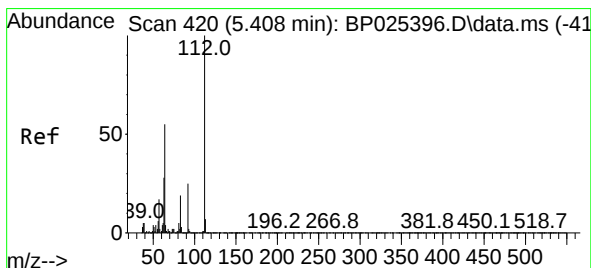
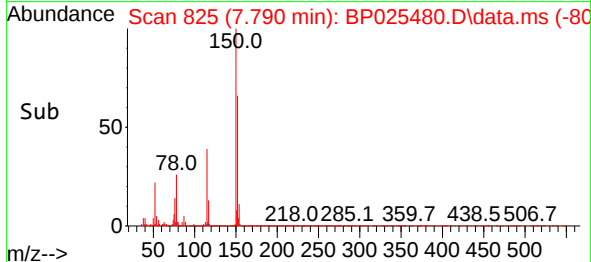
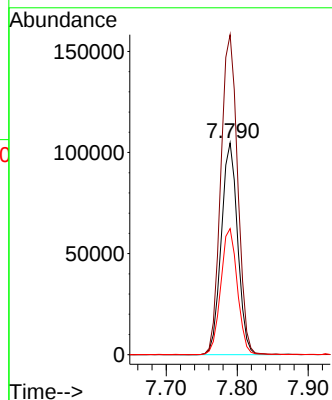
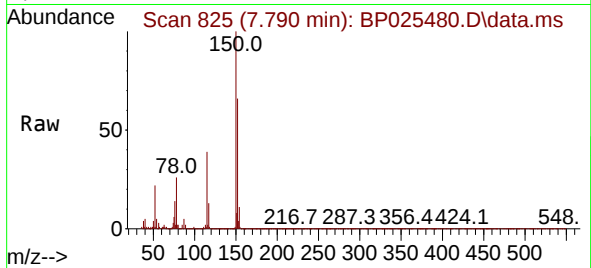




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025480.D
 Acq: 19 Aug 2025 17:36

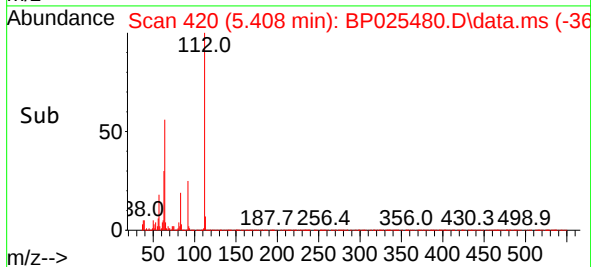
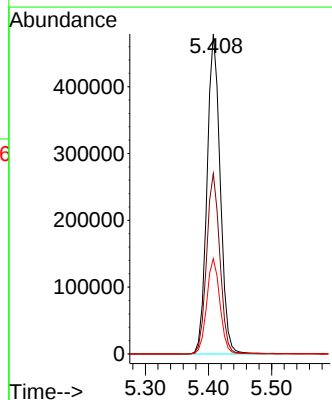
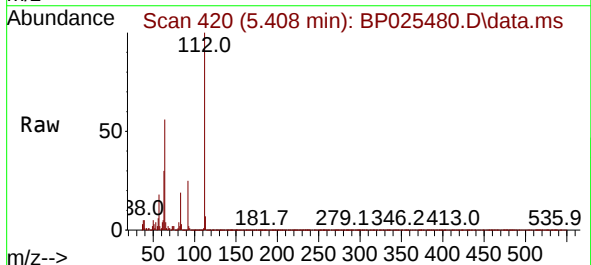
Instrument :
 BNA_P
 ClientSampleId :
 FB

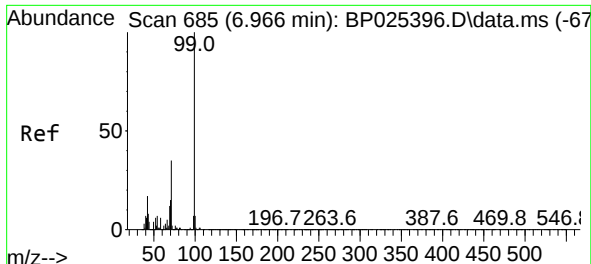
Tgt Ion:152 Resp: 167066
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.9 188.9
 115 59.6 48.5 72.7



#5
 2-Fluorophenol
 Concen: 69.064 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025480.D
 Acq: 19 Aug 2025 17:36

Tgt Ion:112 Resp: 694786
 Ion Ratio Lower Upper
 112 100
 64 56.4 43.8 65.8
 63 29.8 22.7 34.1

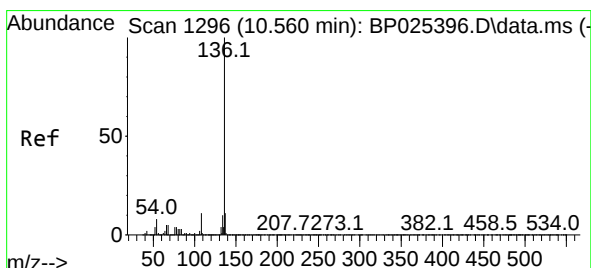
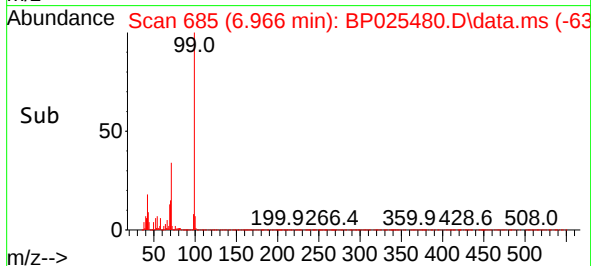
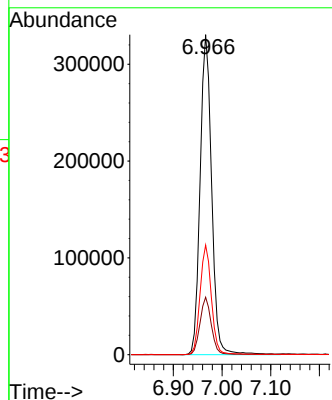
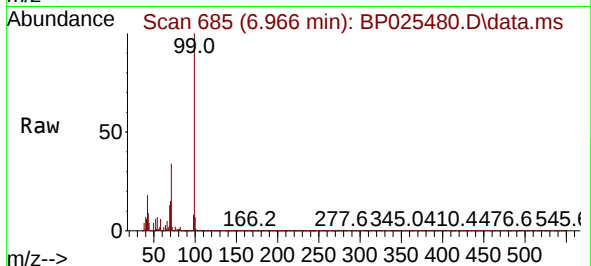




#7
Phenol-d6
Concen: 42.203 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

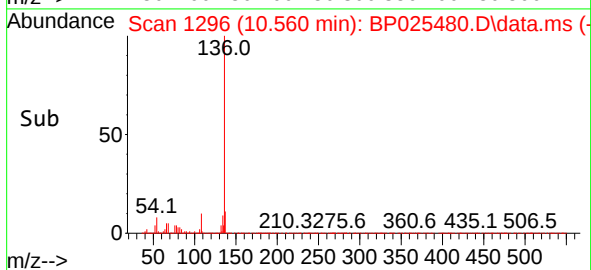
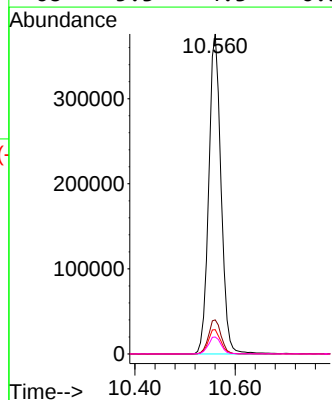
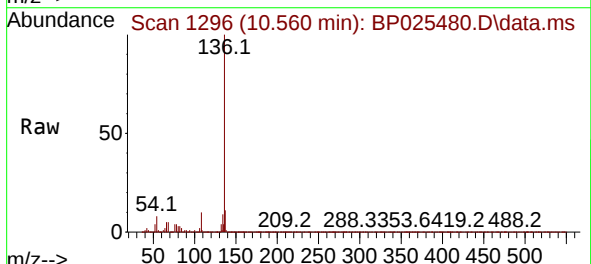
Instrument :
BNA_P
ClientSampleId :
FB

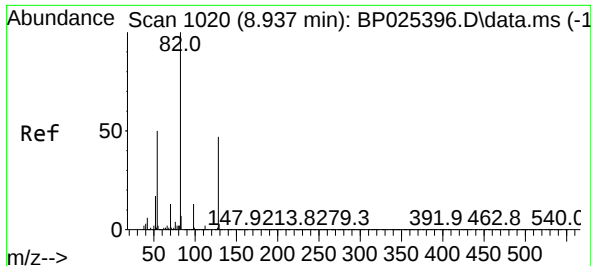
Tgt Ion: 99 Resp: 544321
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 34.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

Tgt Ion:136 Resp: 639641
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.6 6.0 9.0
68 5.3 4.3 6.5

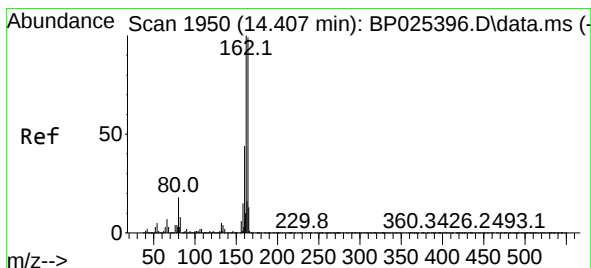
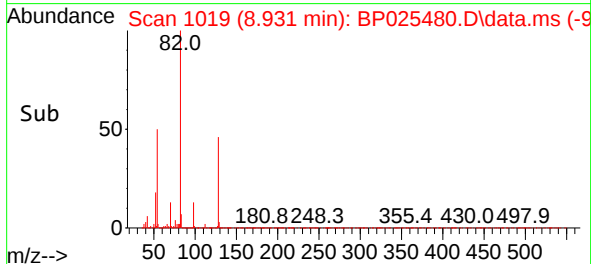
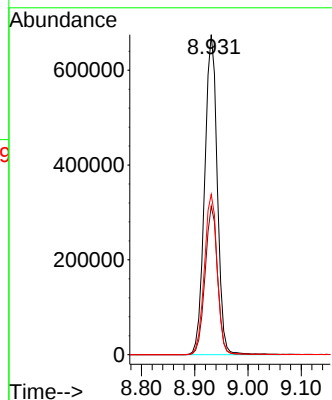
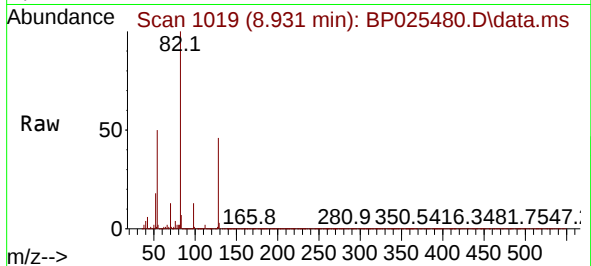




#23
Nitrobenzene-d5
Concen: 87.899 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

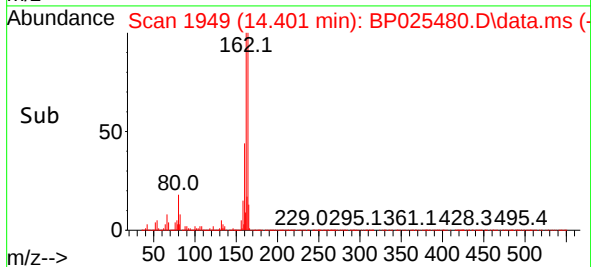
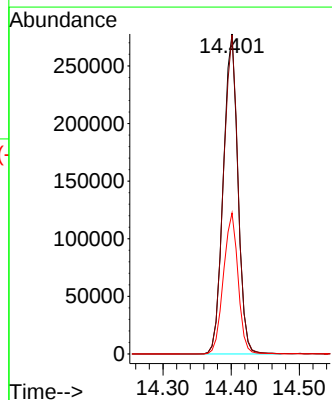
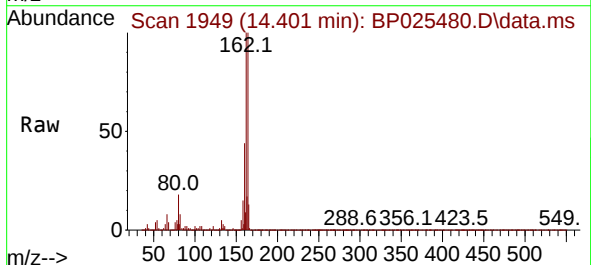
Instrument :
BNA_P
ClientSampleId :
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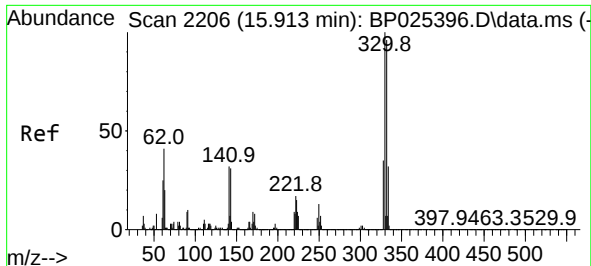
Tgt Ion: 82 Resp: 1111466
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 50.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

Tgt Ion:164 Resp: 412613
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.6
160 44.1 35.4 53.2

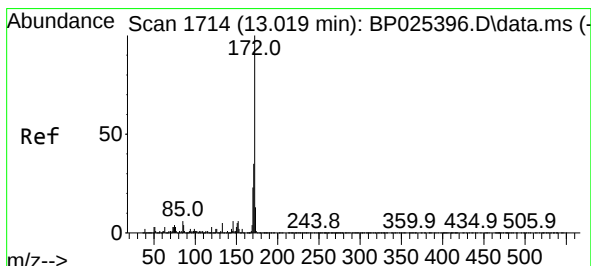
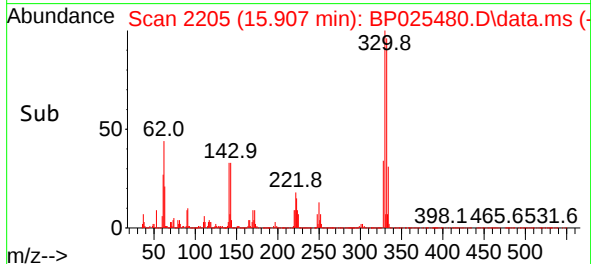
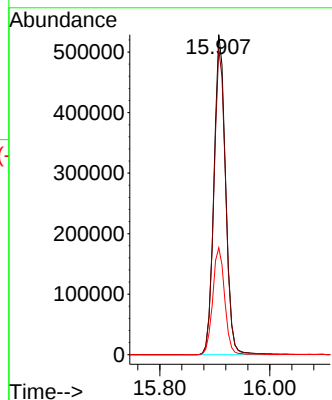
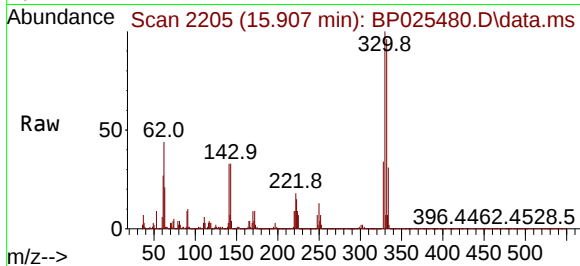




#42
2,4,6-Tribromophenol
Concen: 140.135 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

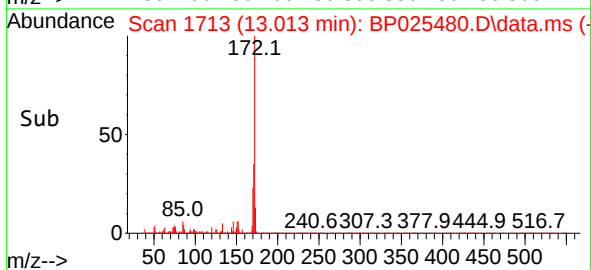
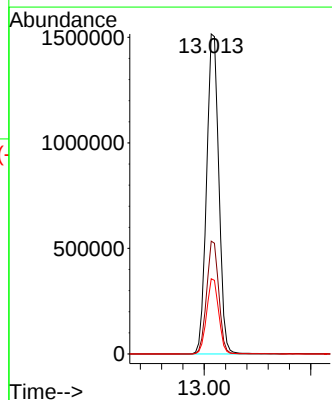
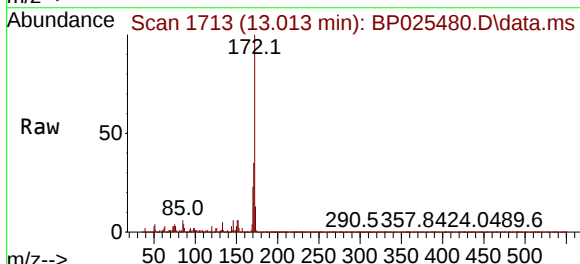
Instrument :
BNA_P
ClientSampleId :
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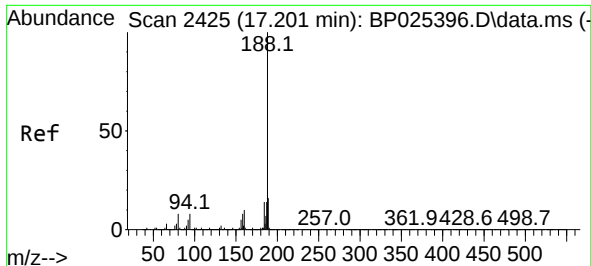
Tgt Ion:330 Resp: 778281
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 79.953 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

Tgt Ion:172 Resp: 2413855
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.6 28.0

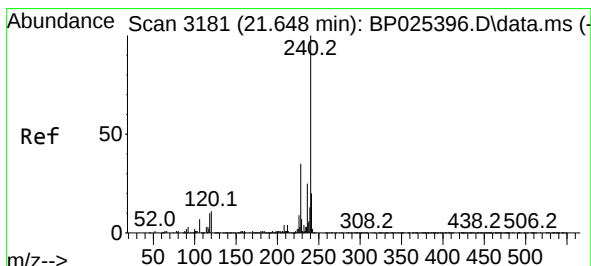
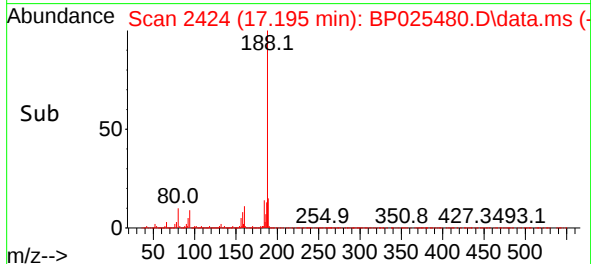
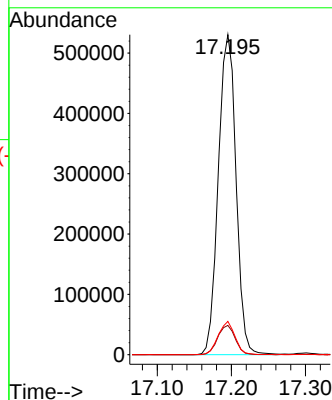
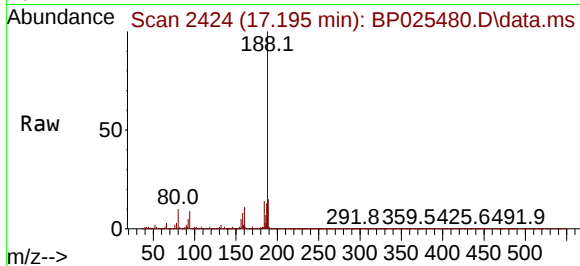




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

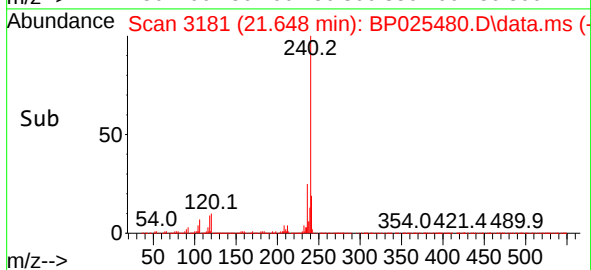
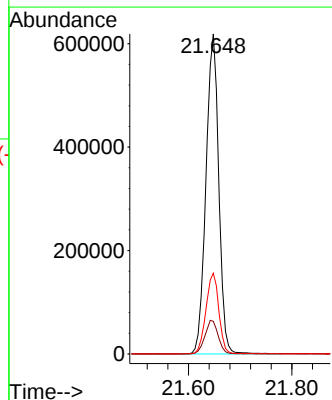
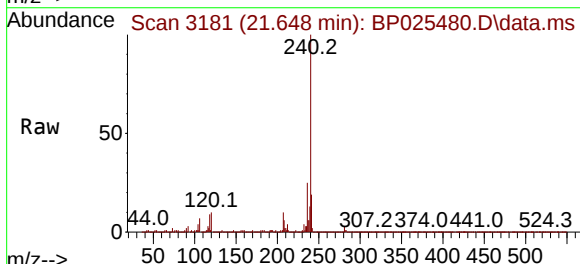
Instrument :
BNA_P
ClientSampleId :
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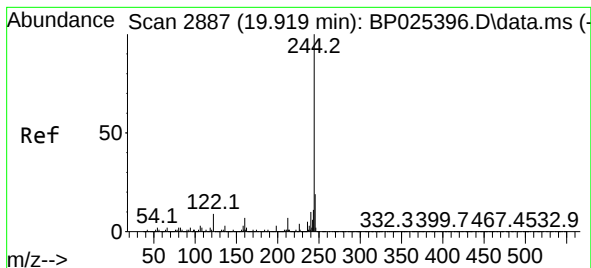
Tgt Ion:188 Resp: 881450
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 10.4 6.7 10.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025480.D
Acq: 19 Aug 2025 17:36

Tgt Ion:240 Resp: 1063194
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 80.649 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025480.D

Acq: 19 Aug 2025 17:36

Instrument :

BNA_P

ClientSampleId :

FB

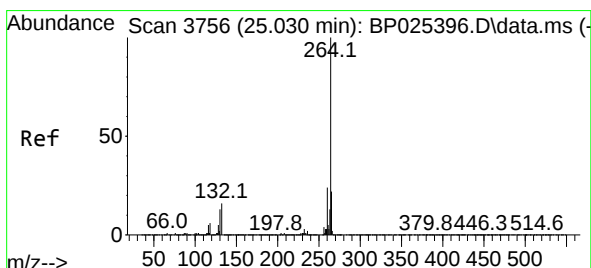
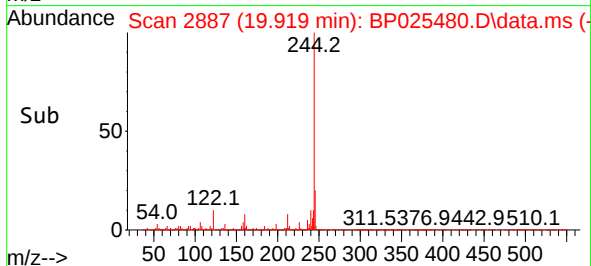
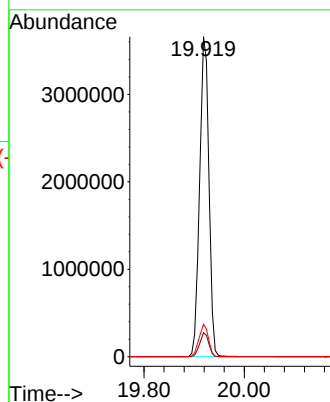
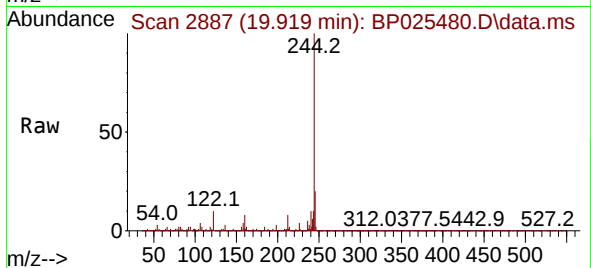
Tgt Ion:244 Resp: 4686639

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.1 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: BP025480.D

Acq: 19 Aug 2025 17:36

Tgt Ion:264 Resp: 1155861

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.5 17.4 26.0

