

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025481.D
 Acq On : 19 Aug 2025 18:17
 Operator : CG/JU
 Sample : Q2820-19RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-WRE

Quant Time: Aug 20 11:05:00 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	191159	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	749052	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	500665	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	1060076	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1173115	20.000	ng	0.00
86) Perylene-d12	25.007	264	1280635	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	879090	76.371	ng	0.00
7) Phenol-d6	6.966	99	1109952	75.211	ng	0.00
23) Nitrobenzene-d5	8.925	82	693859	46.858	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	499017	74.049	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1514583	41.344	ng	0.00
79) Terphenyl-d14	19.919	244	2687132	41.908	ng	0.00

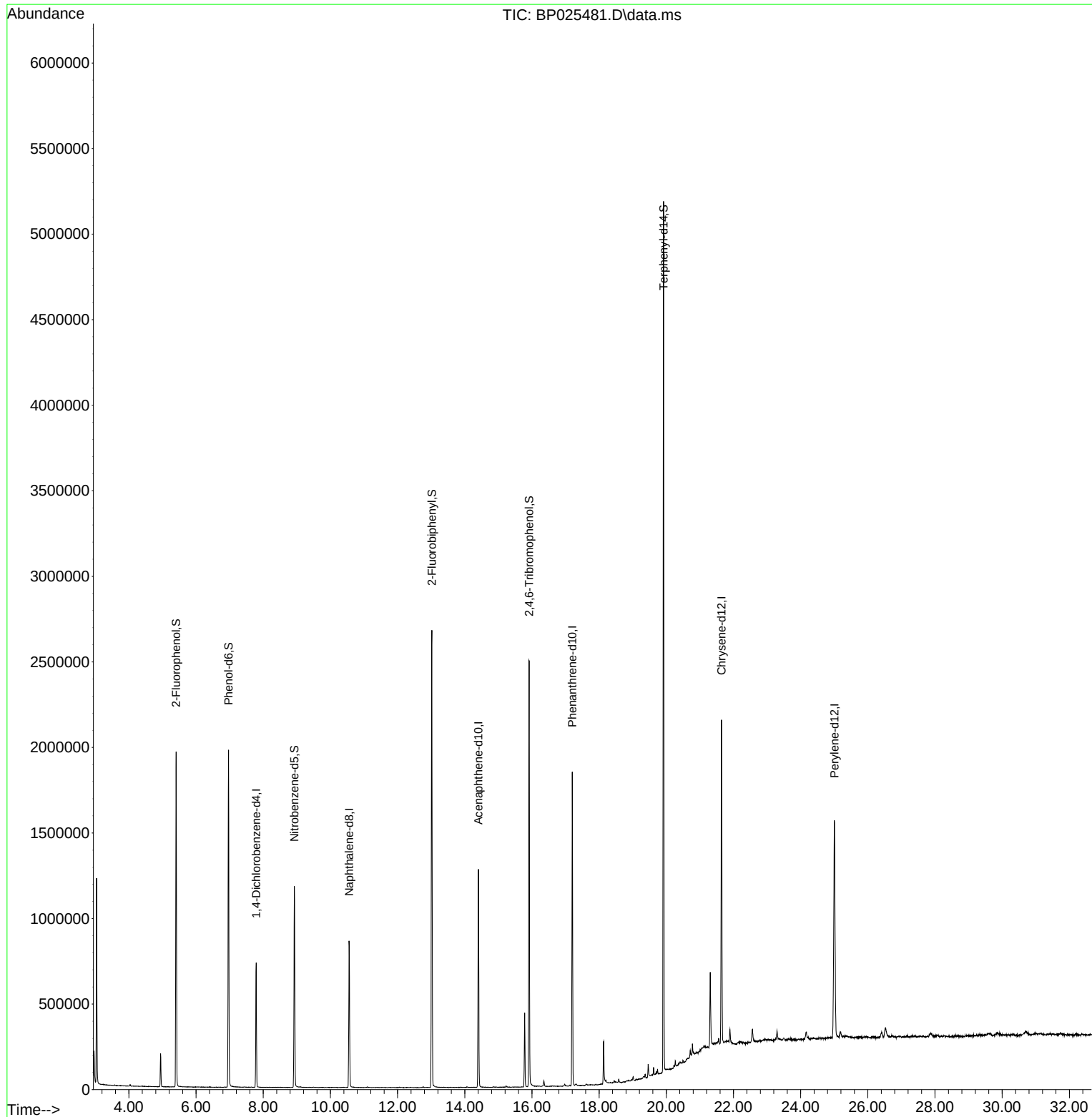
Target Compounds	Qvalue

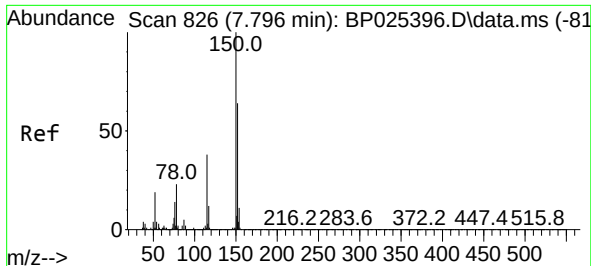
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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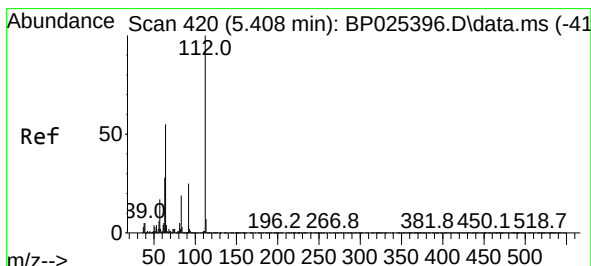
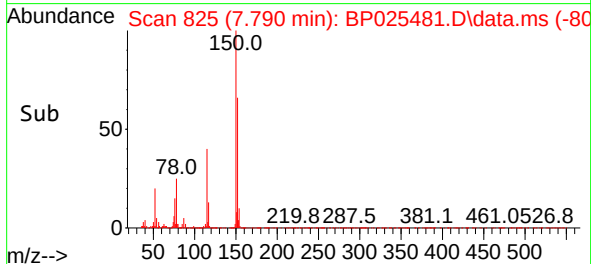
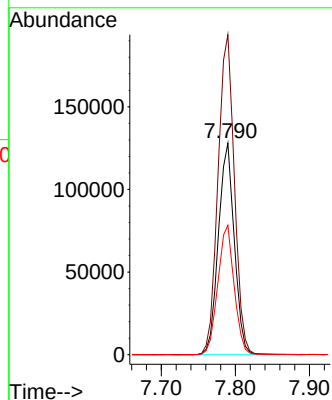
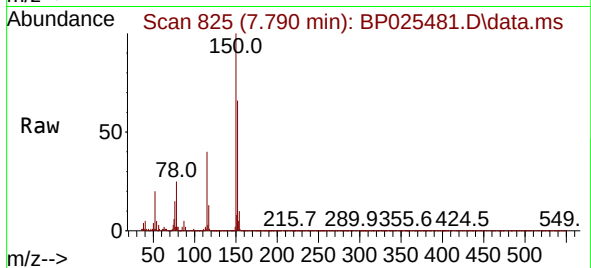




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025481.D
 Acq: 19 Aug 2025 18:17

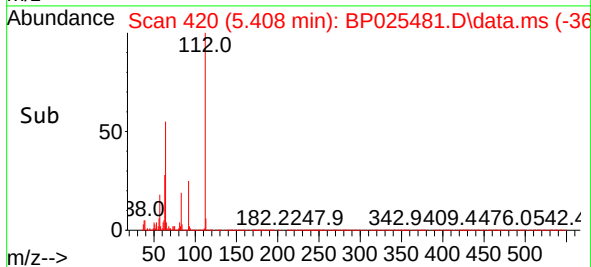
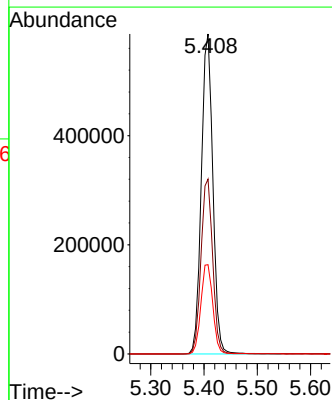
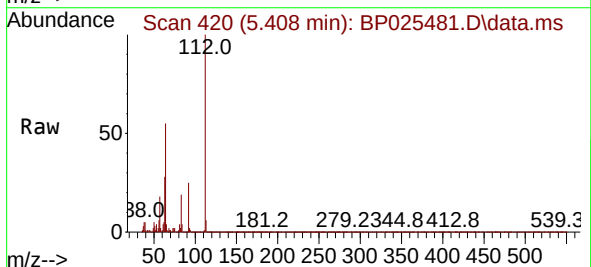
Instrument :
 BNA_P
 ClientSampleId :
 88H-WRE

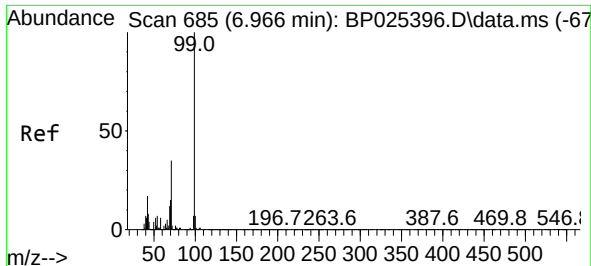
Tgt Ion:152 Resp: 191159
 Ion Ratio Lower Upper
 152 100
 150 151.3 125.9 188.9
 115 61.2 48.5 72.7



#5
 2-Fluorophenol
 Concen: 76.371 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025481.D
 Acq: 19 Aug 2025 18:17

Tgt Ion:112 Resp: 879090
 Ion Ratio Lower Upper
 112 100
 64 54.7 43.8 65.8
 63 27.9 22.7 34.1



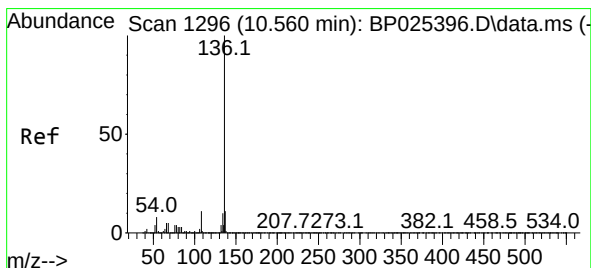
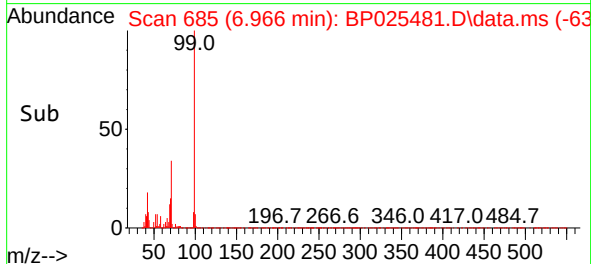
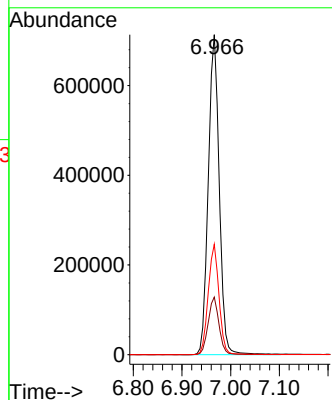
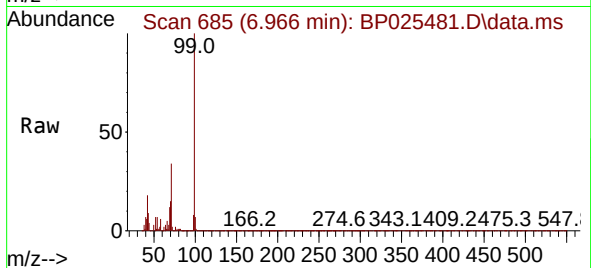


#7
Phenol-d6
Concen: 75.211 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

Instrument :
BNA_P
ClientSampleId :
88H-WRE

Tgt Ion: 99 Resp: 1109952

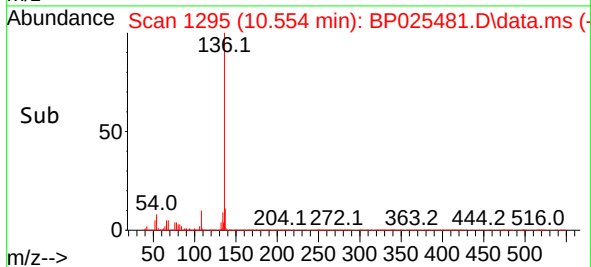
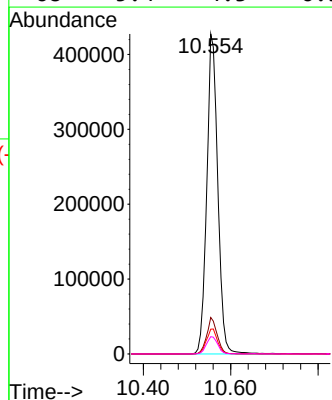
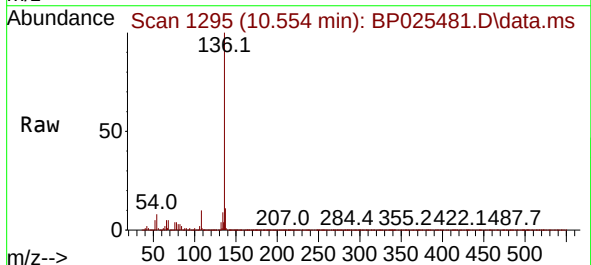
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.7	20.5
71	34.5	28.2	42.4

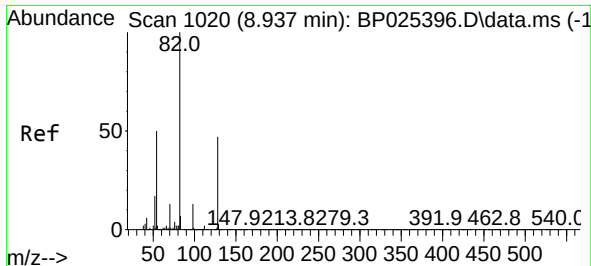


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

Tgt Ion: 136 Resp: 749052

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.7	6.0	9.0
68	5.4	4.3	6.5

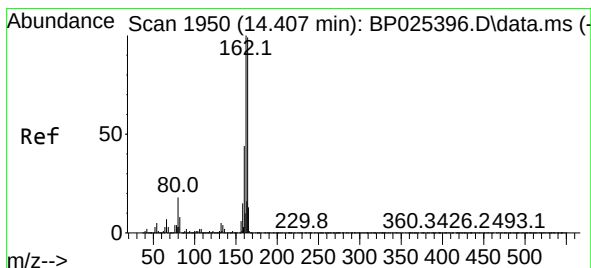
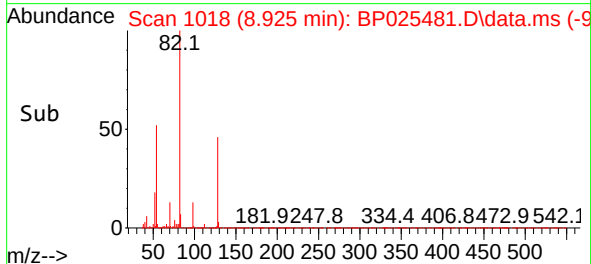
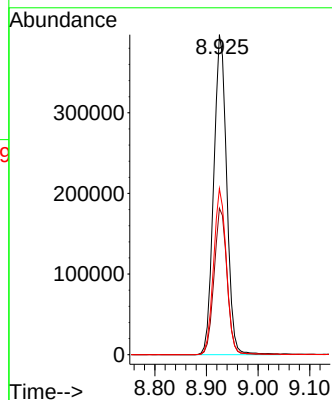
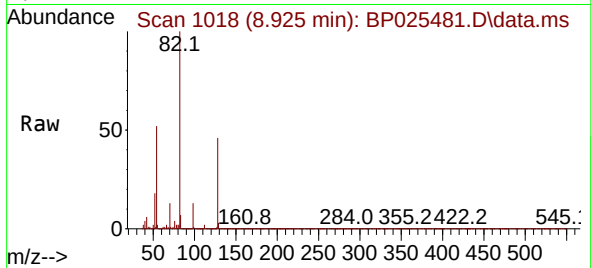




#23
Nitrobenzene-d5
Concen: 46.858 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

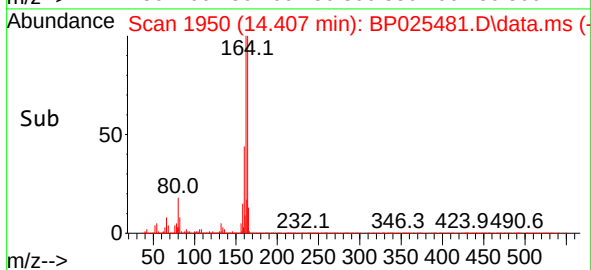
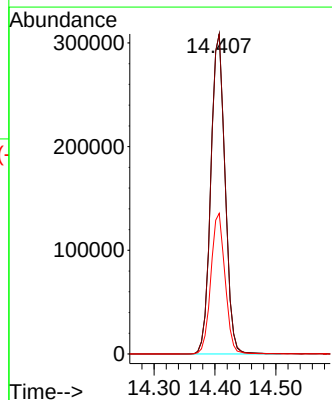
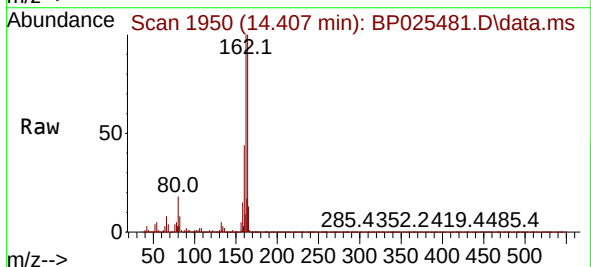
Instrument :
BNA_P
ClientSampleId :
88H-WRE

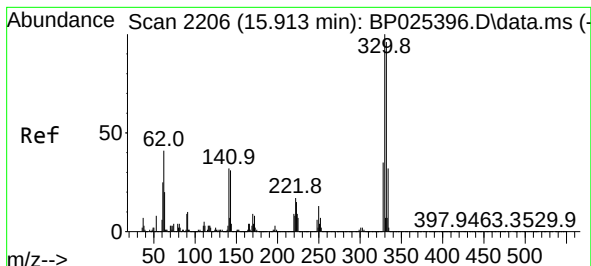
Tgt Ion: 82 Resp: 693859
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 51.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

Tgt Ion:164 Resp: 500665
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.6
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 74.049 ng

RT: 15.919 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025481.D

Acq: 19 Aug 2025 18:17

Instrument :

BNA_P

ClientSampleId :

88H-WRE

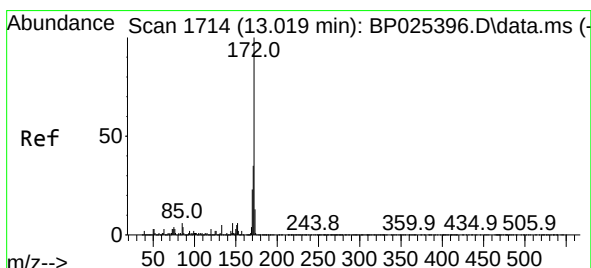
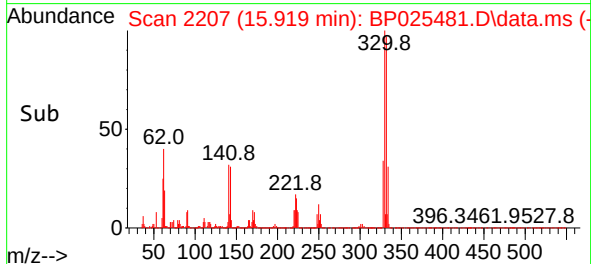
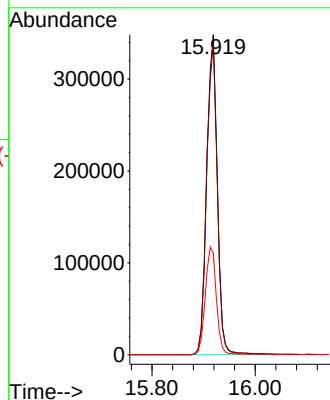
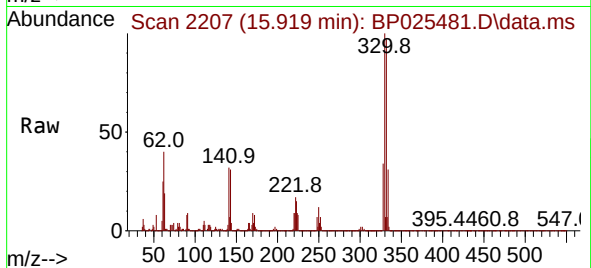
Tgt Ion:330 Resp: 499017

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 41.344 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025481.D

Acq: 19 Aug 2025 18:17

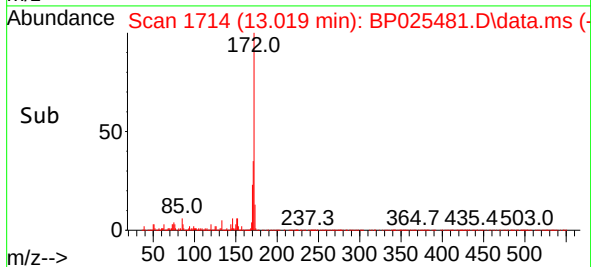
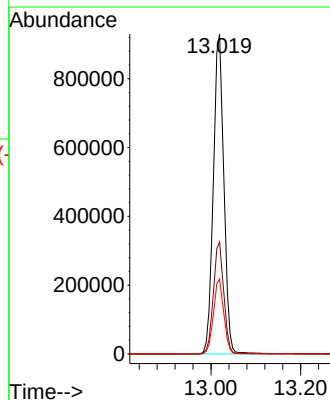
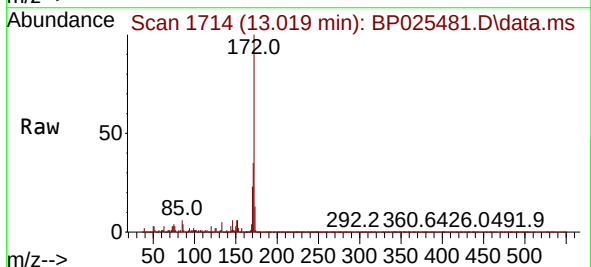
Tgt Ion:172 Resp: 1514583

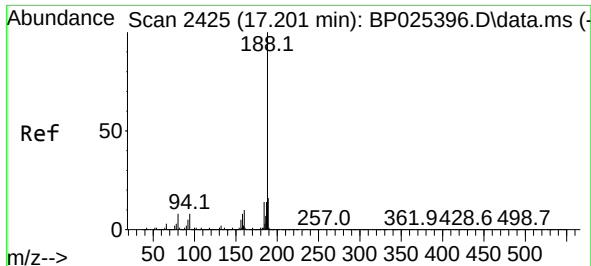
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.4 18.6 28.0

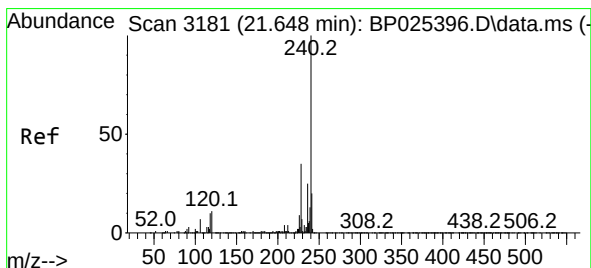
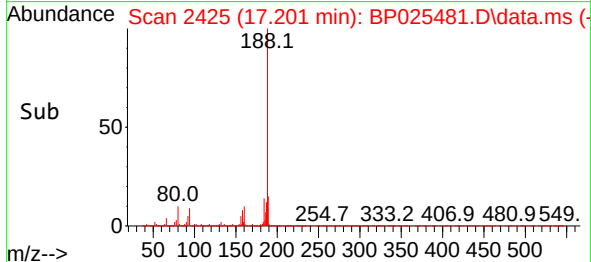
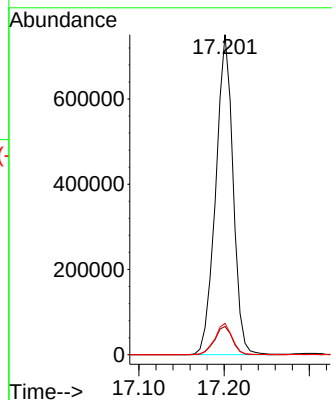
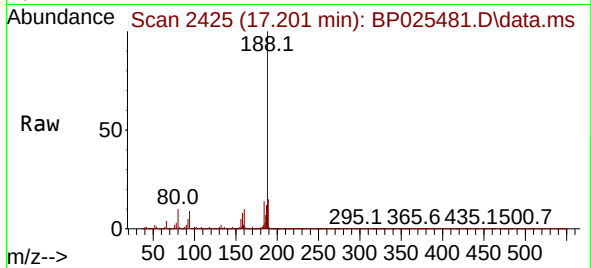




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

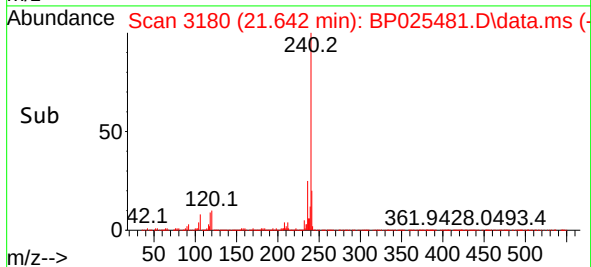
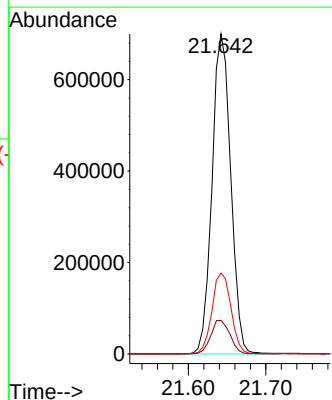
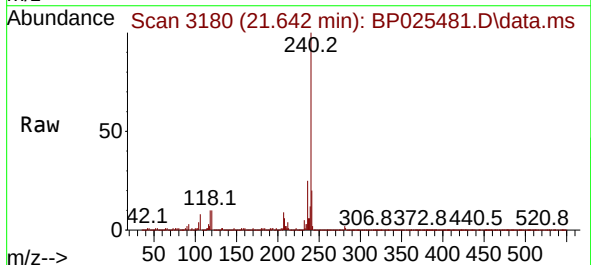
Instrument :
BNA_P
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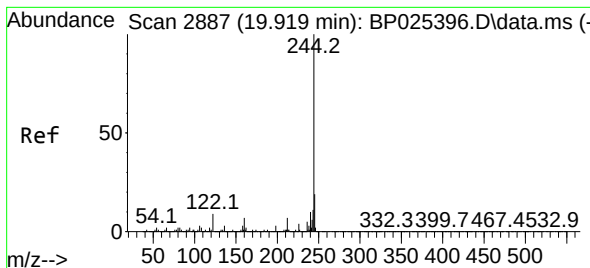
Tgt Ion:188 Resp: 1060076
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.8 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

Tgt Ion:240 Resp: 1173115
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 41.908 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025481.D

Acq: 19 Aug 2025 18:17

Instrument :

BNA_P

ClientSampleId :

88H-WRE

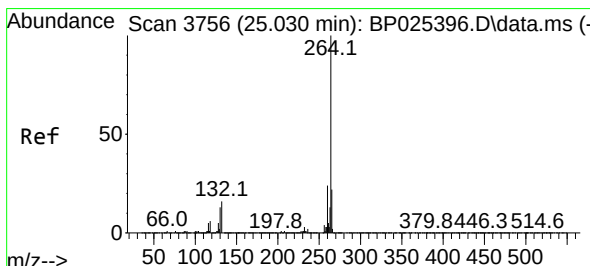
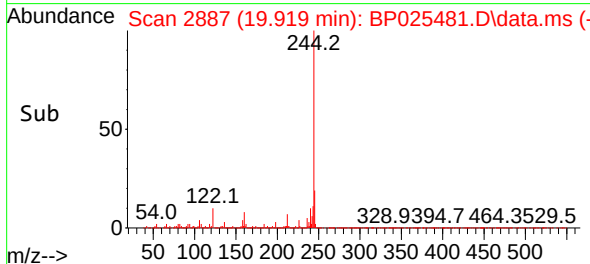
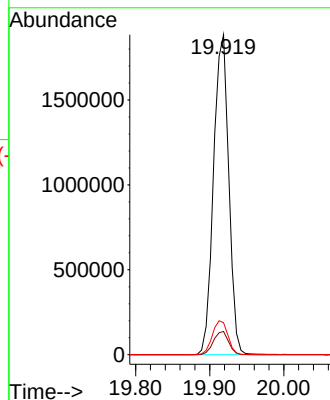
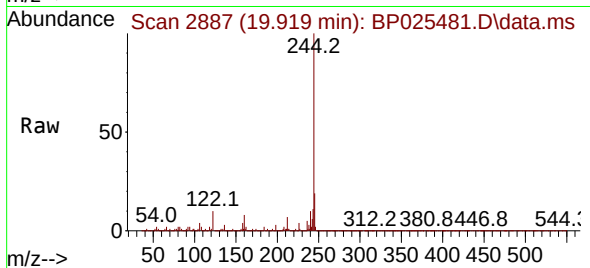
Tgt Ion:244 Resp: 2687132

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025481.D

Acq: 19 Aug 2025 18:17

Tgt Ion:264 Resp: 1280635

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 22.4 17.4 26.0

