

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

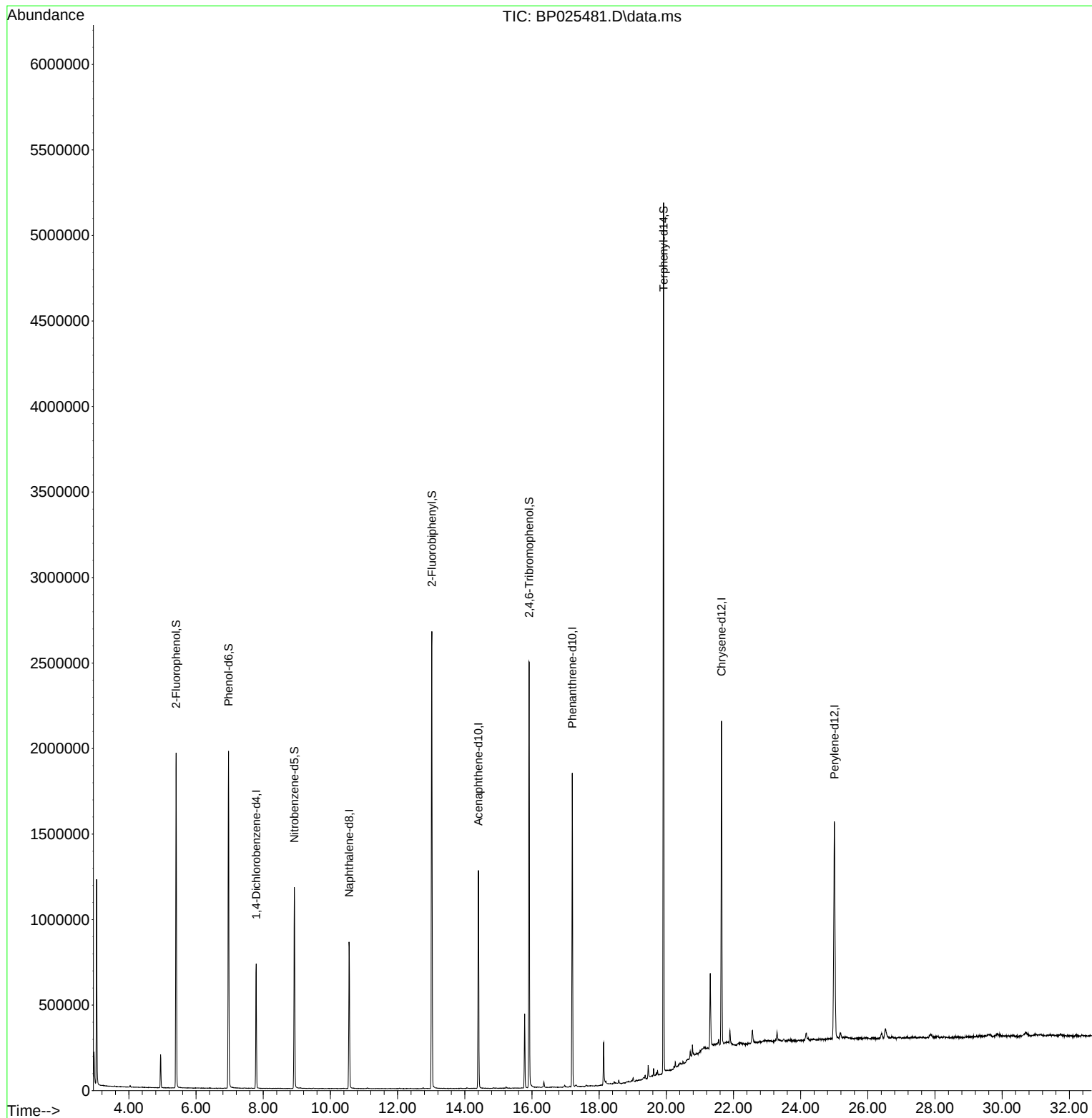
Target Compounds	Qvalue

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

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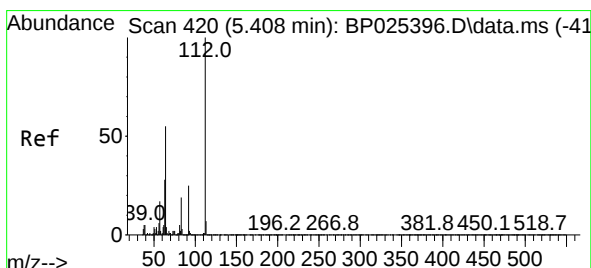
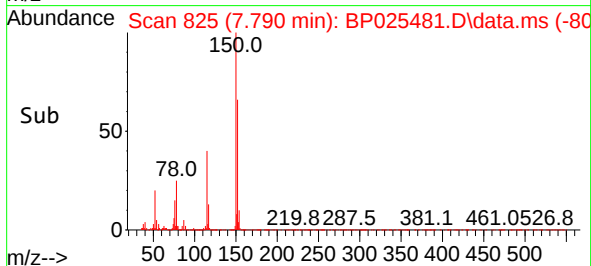
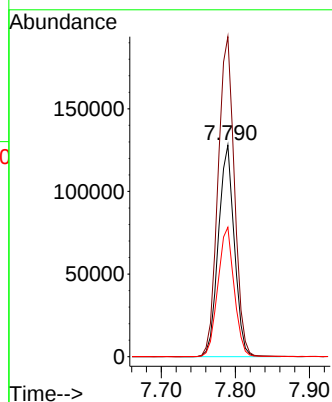
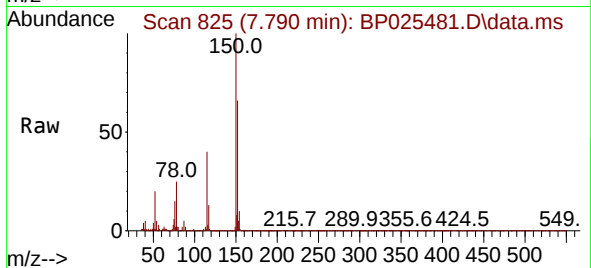




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

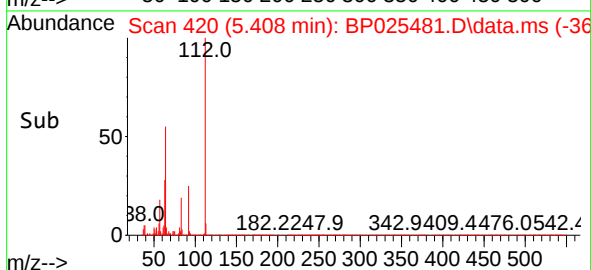
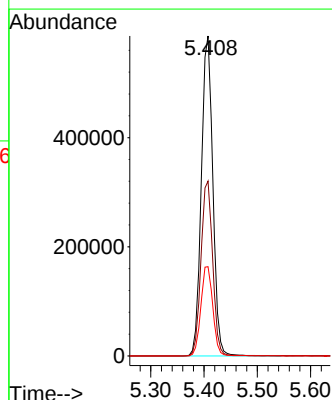
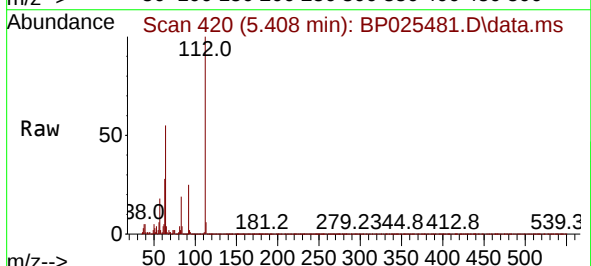
Instrument :
BNA_P
ClientSampleId :
88H-WRE

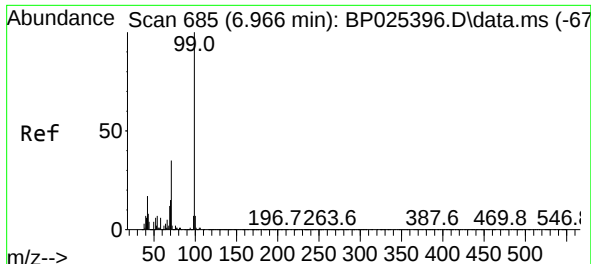
Tgt Ion:152 Resp: 191159
Ion Ratio Lower Upper
152 100
150 151.3 125.9 188.9
115 61.2 48.5 72.7



#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

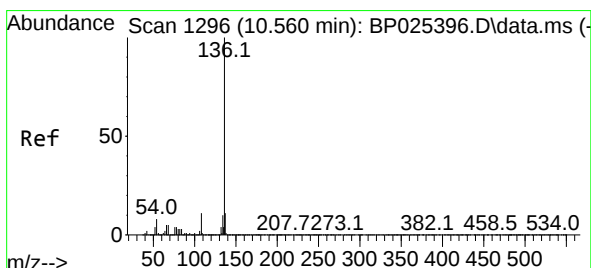
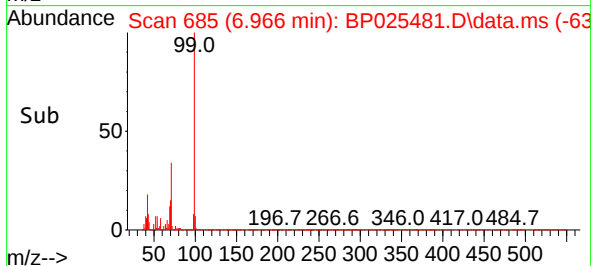
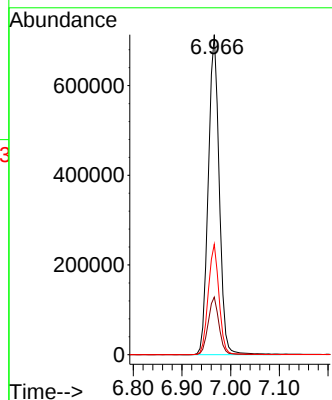
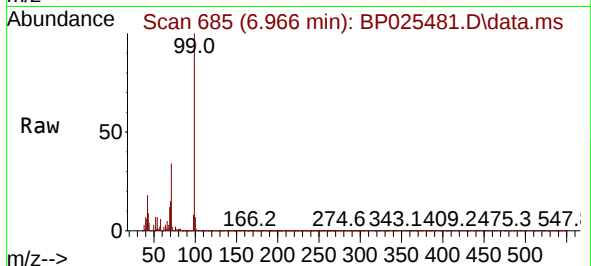




#7
Phenol-d6
Concen: 75.211 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

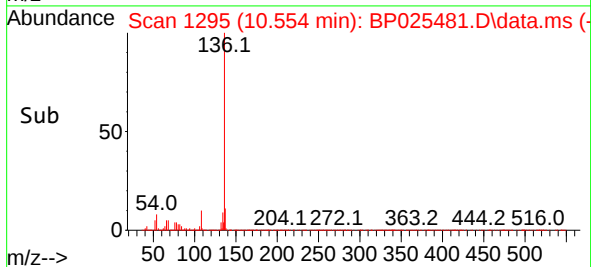
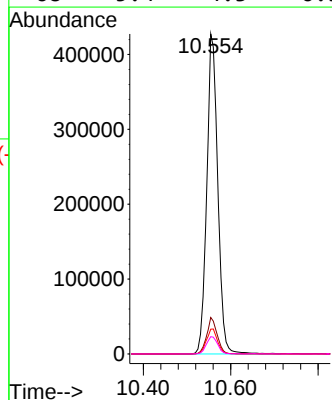
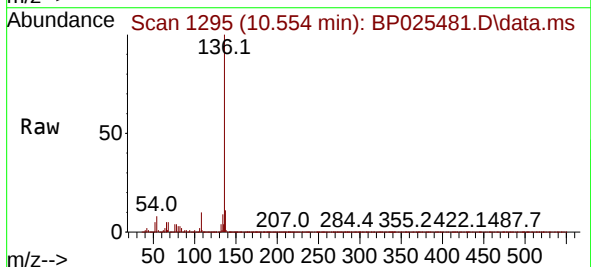
Instrument :
BNA_P
ClientSampleId :
88H-WRE

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

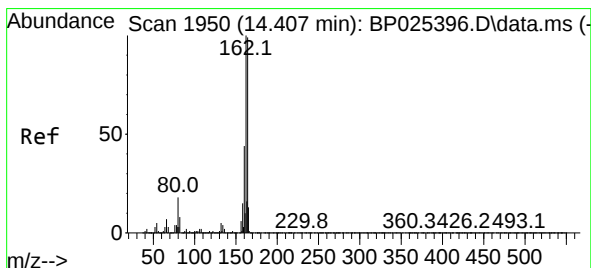
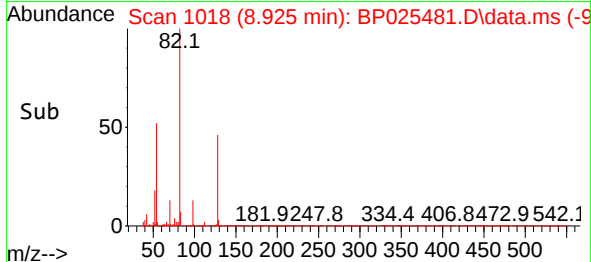
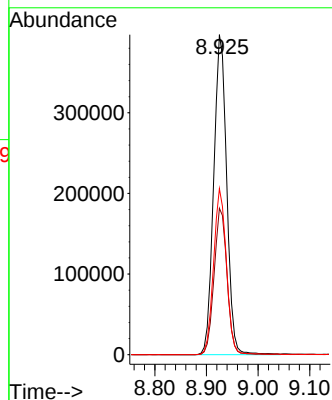
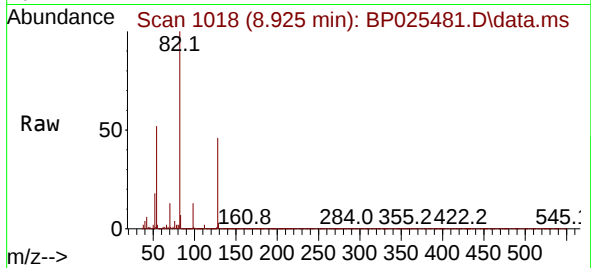




#23
Nitrobenzene-d5
Concen: 46.858 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

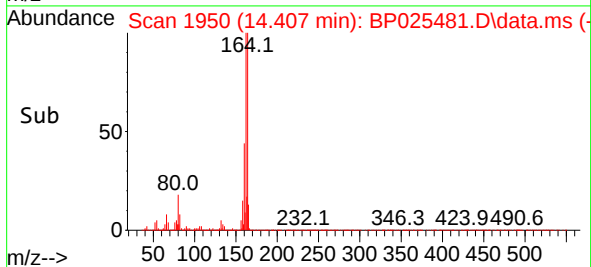
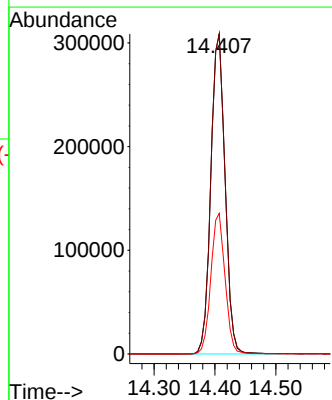
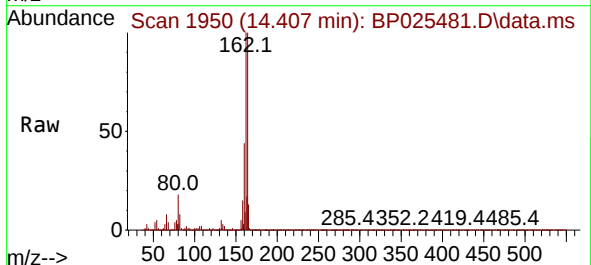
Instrument :
BNA_P
ClientSampleId :
88H-WRE

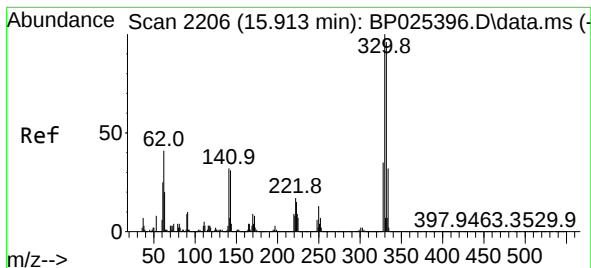
Tgt Ion: 82 Resp: 693859
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 51.9 39.8 59.6



#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

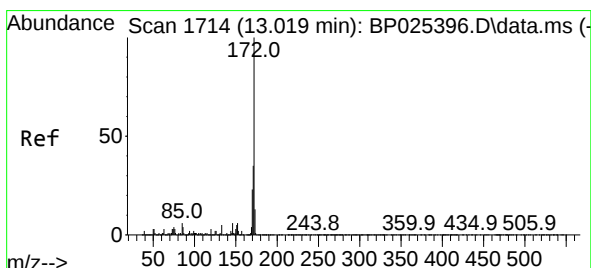
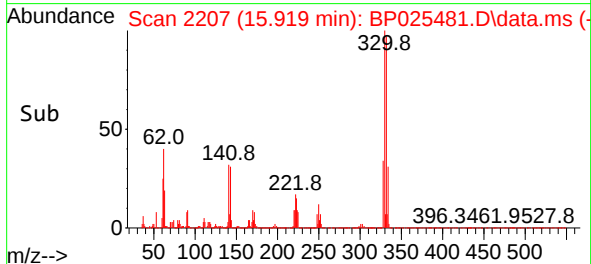
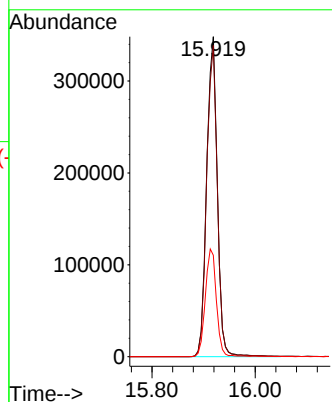
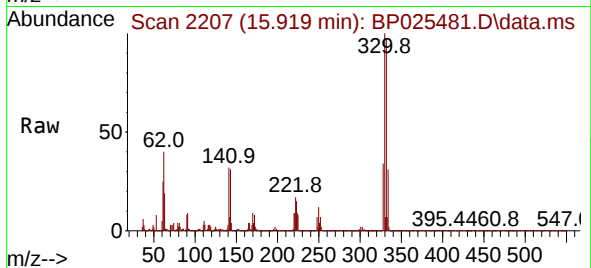




#42
2,4,6-Tribromophenol
Concen: 74.049 ng
RT: 15.919 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025481.D
Acq: 19 Aug 2025 18:17

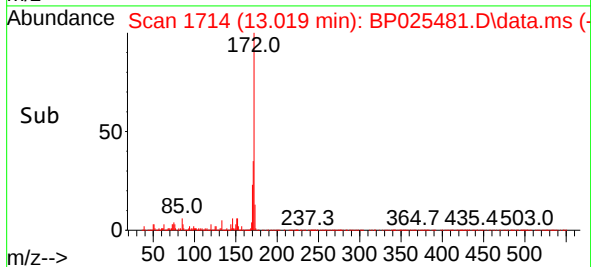
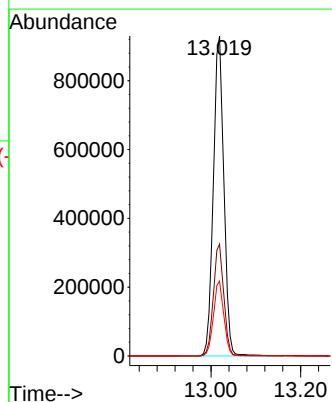
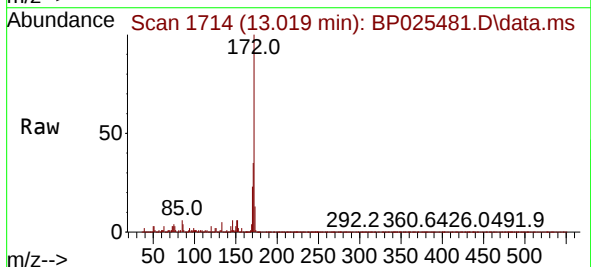
Instrument :
BNA_P
ClientSampleId :
88H-WRE

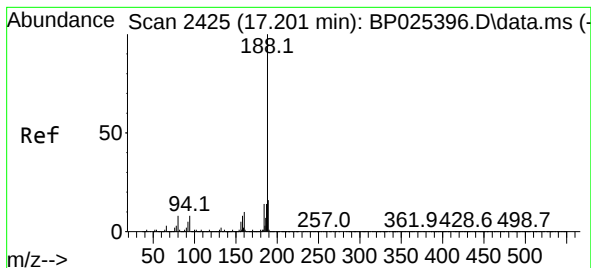
Tgt Ion:330 Resp: 499017
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 34.9 26.6 39.8



#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

ClientSampleId :

88H-WRE

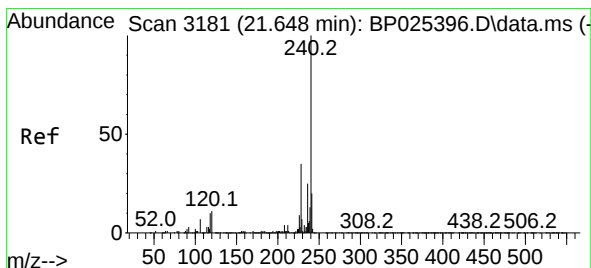
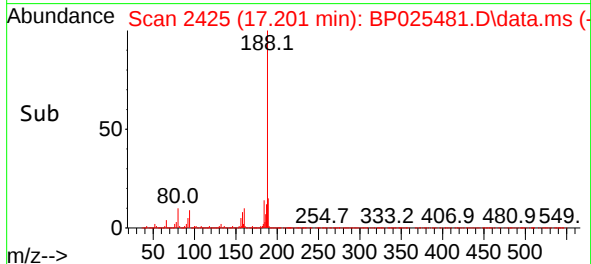
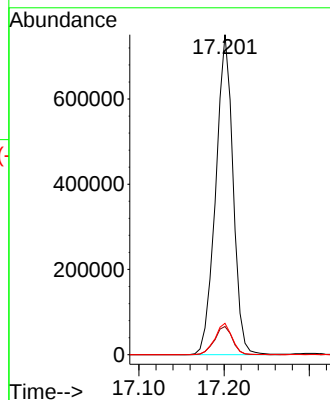
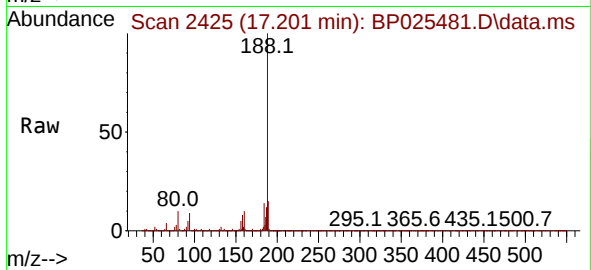
Tgt Ion:188 Resp: 1060076

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

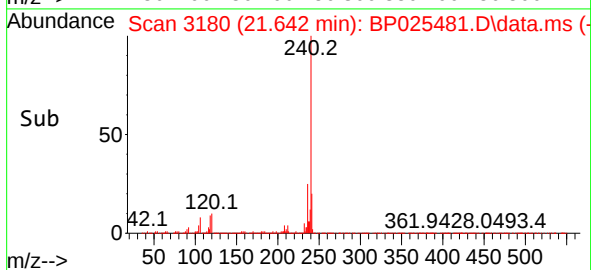
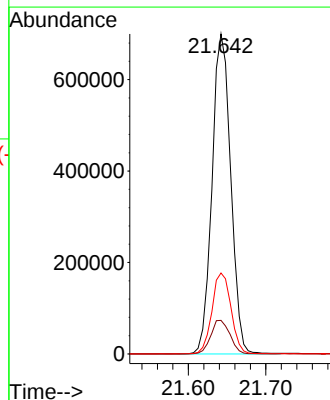
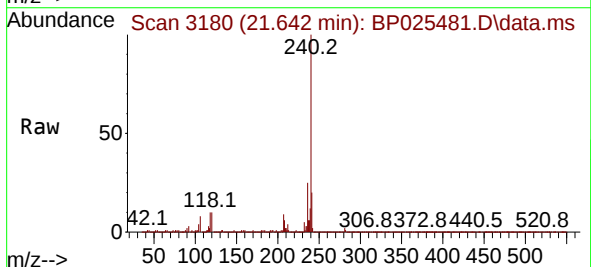
Tgt Ion:240 Resp: 1173115

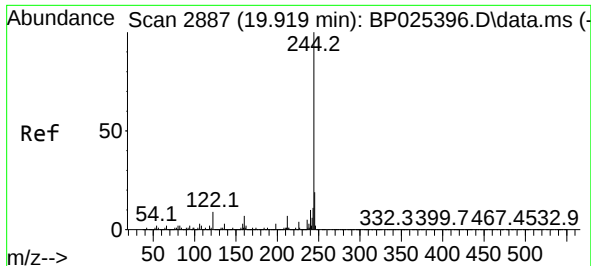
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.3 19.8 29.8

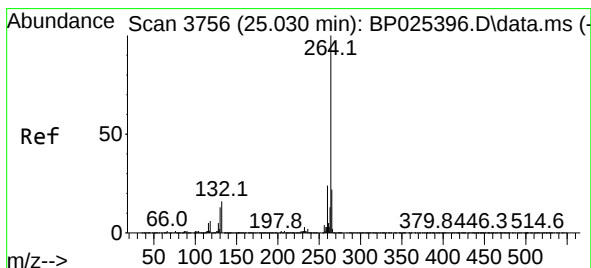
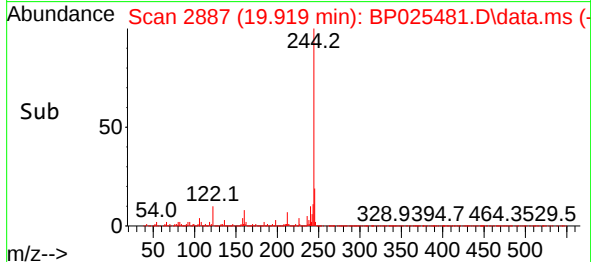
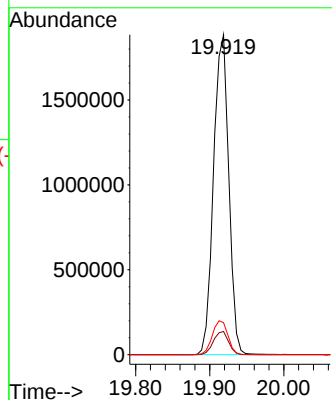
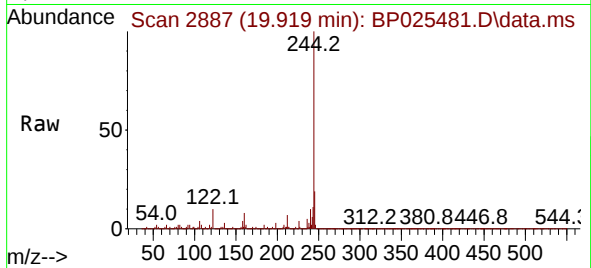




#79
 Terphenyl-d14
 Concen: 41.908 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025481.D
 Acq: 19 Aug 2025 18:17

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

