

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025471.D
 Acq On : 19 Aug 2025 11:25
 Operator : CG/JU
 Sample : PB169244BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169244BL

Quant Time: Aug 19 12:00:57 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	7.784	152	171241	20.000	ng	-0.01
21) Naphthalene-d8	10.560	136	669280	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	431883	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	954940	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1095777	20.000	ng	0.00
86) Perylene-d12	25.018	264	1221508	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1326005	128.596	ng	0.00
7) Phenol-d6	6.966	99	1636252	123.770	ng	0.00
23) Nitrobenzene-d5	8.925	82	1029425	77.806	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	763937	131.415	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2379524	75.300	ng	0.00
79) Terphenyl-d14	19.919	244	4581344	76.493	ng	0.00

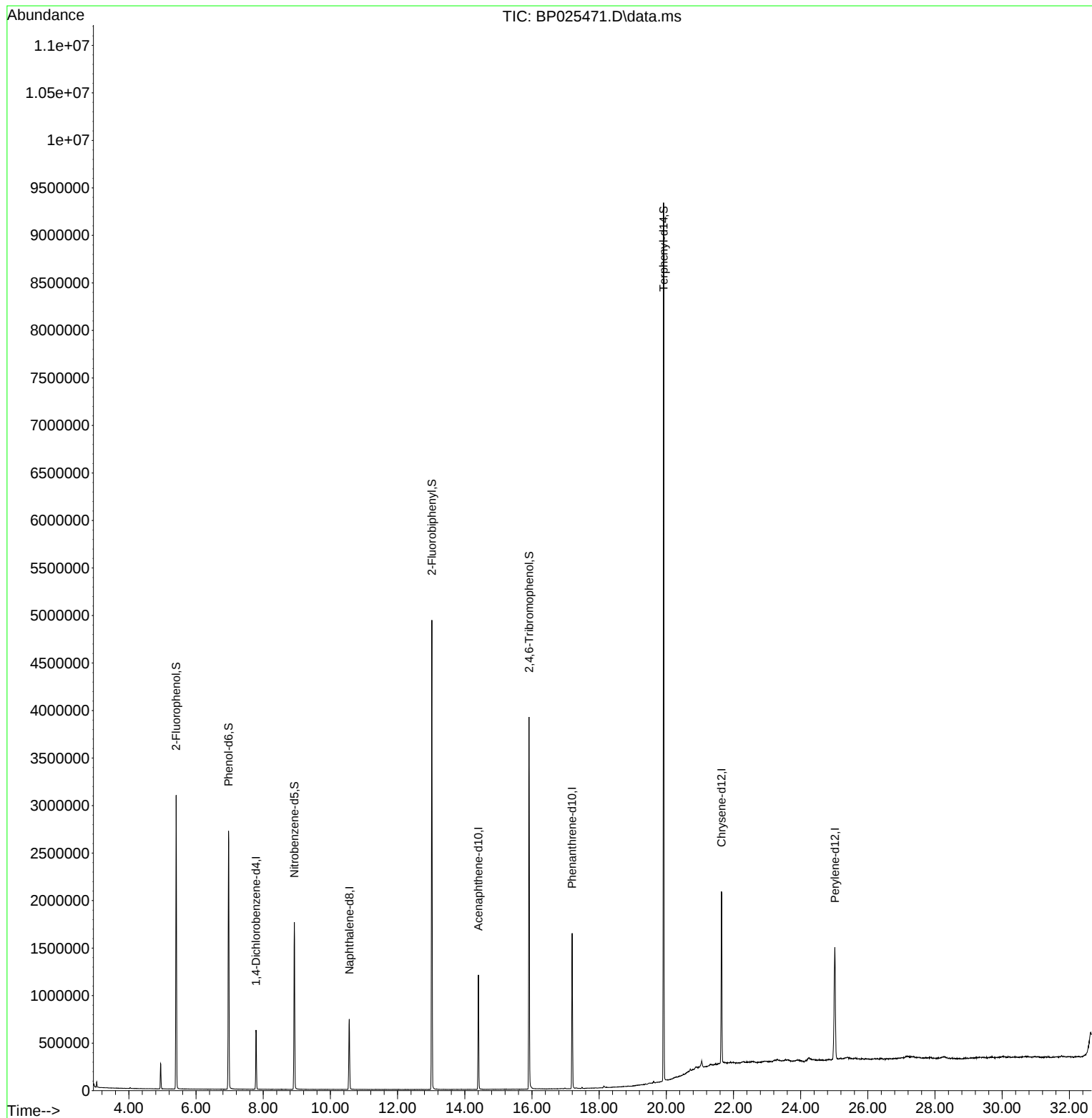
Target Compounds	Qvalue

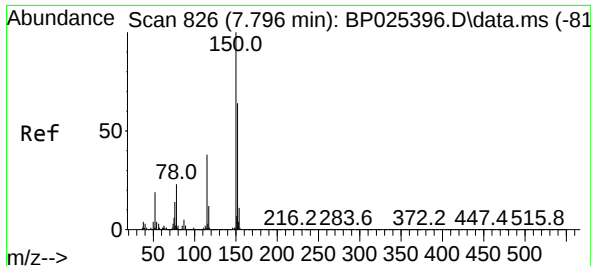
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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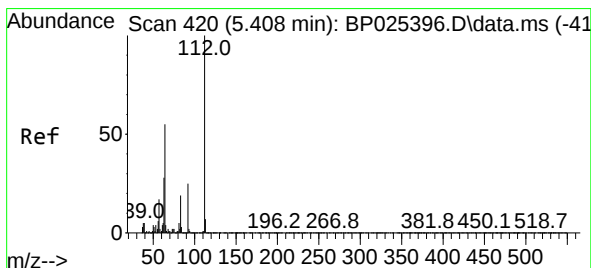
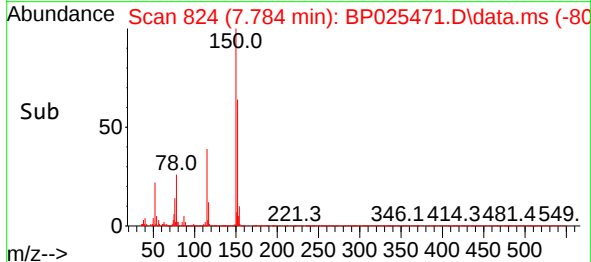
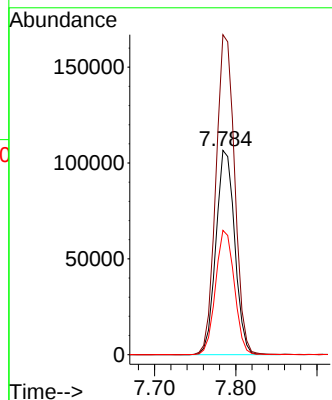
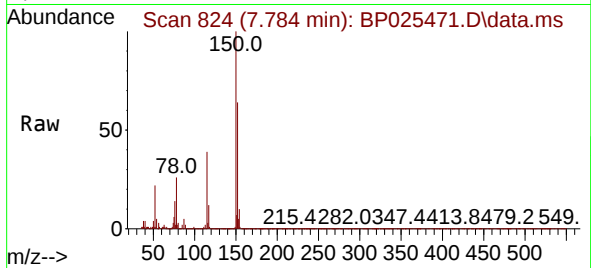




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025471.D
 Acq: 19 Aug 2025 11:25

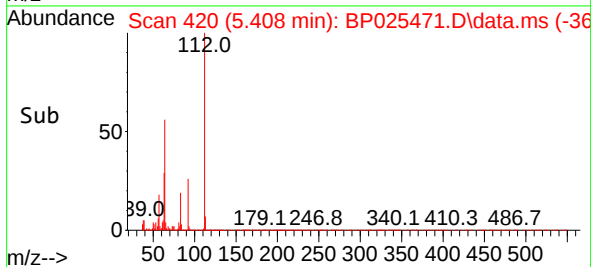
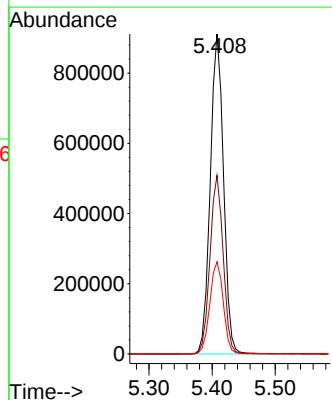
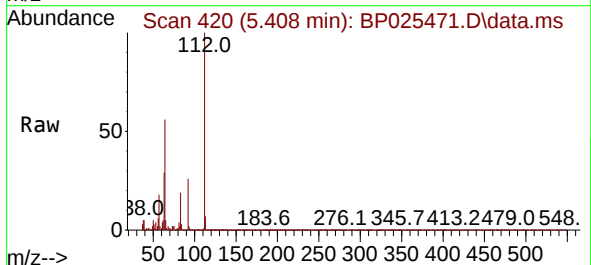
Instrument :
 BNA_P
 ClientSampleId :
 PB169244BL

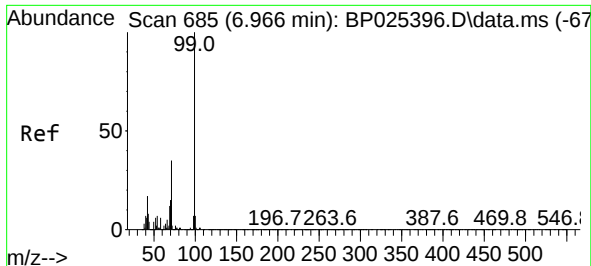
Tgt Ion:152 Resp: 171241
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.9 188.9
 115 60.9 48.5 72.7



#5
 2-Fluorophenol
 Concen: 128.596 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025471.D
 Acq: 19 Aug 2025 11:25

Tgt Ion:112 Resp: 1326005
 Ion Ratio Lower Upper
 112 100
 64 55.8 43.8 65.8
 63 28.8 22.7 34.1



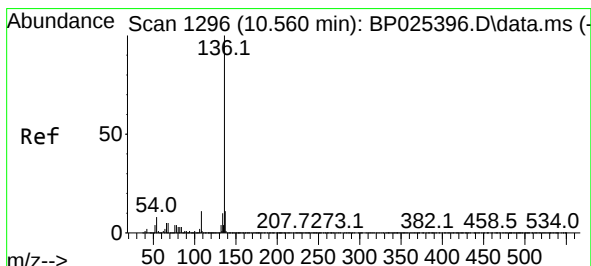
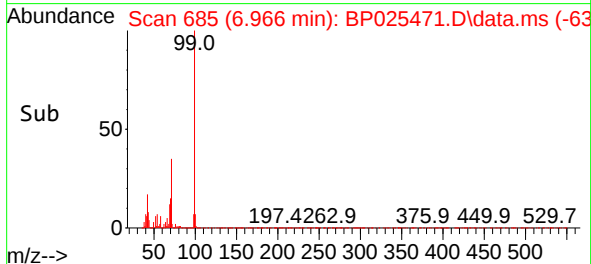
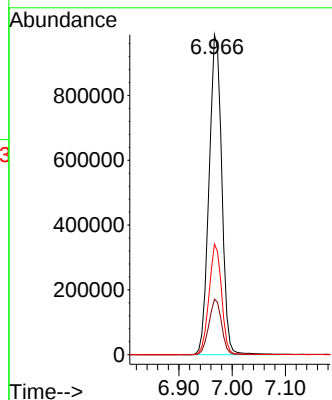
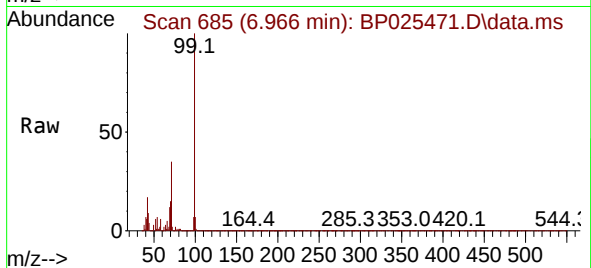


#7
Phenol-d6
Concen: 123.770 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025471.D
Acq: 19 Aug 2025 11:25

Instrument :
BNA_P
ClientSampleId :
PB169244BL

Tgt Ion: 99 Resp: 1636252

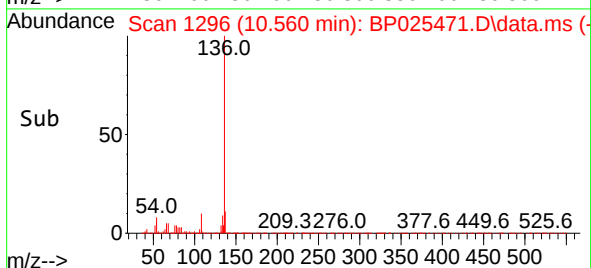
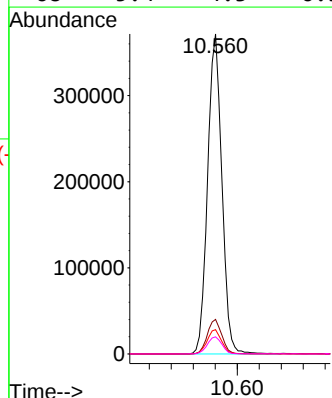
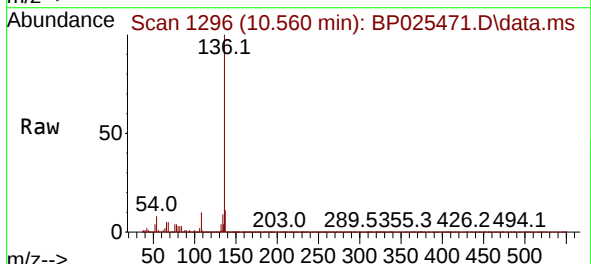
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	34.6	28.2	42.4

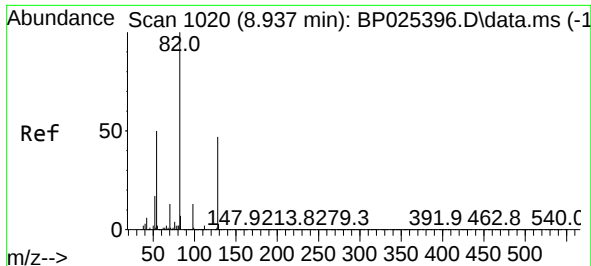


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025471.D
Acq: 19 Aug 2025 11:25

Tgt Ion:136 Resp: 669280

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.6	6.0	9.0
68	5.4	4.3	6.5

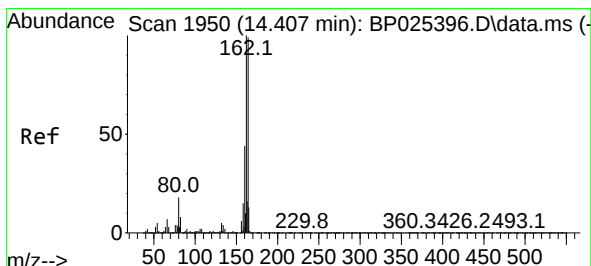
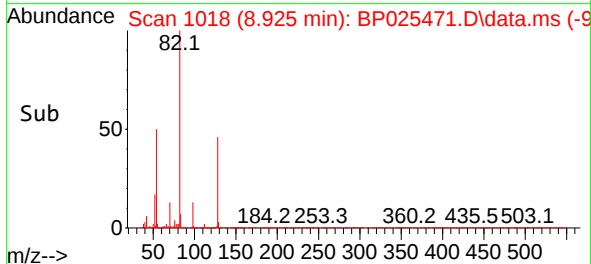
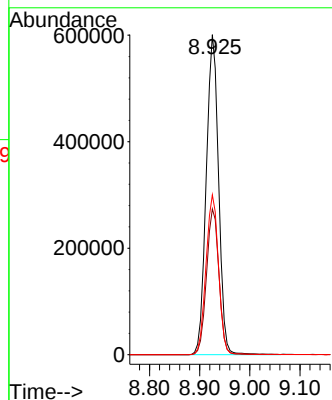
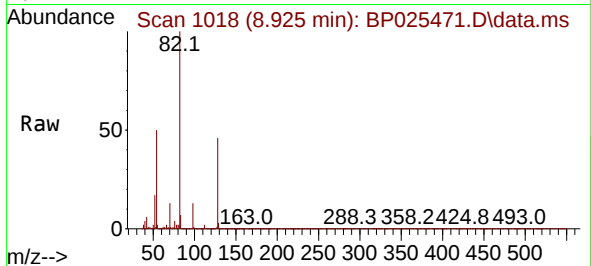




#23
Nitrobenzene-d5
Concen: 77.806 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025471.D
Acq: 19 Aug 2025 11:25

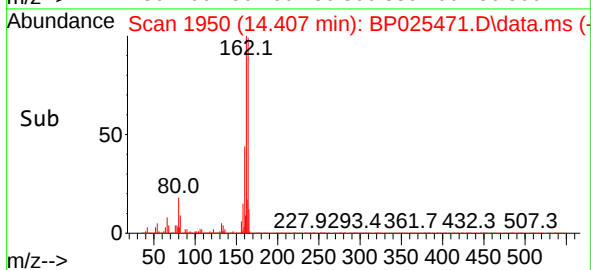
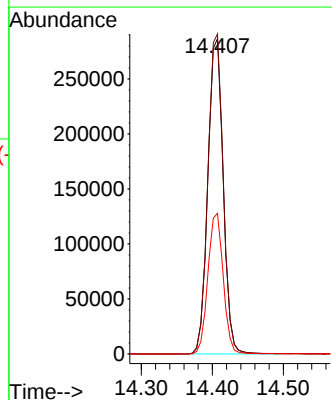
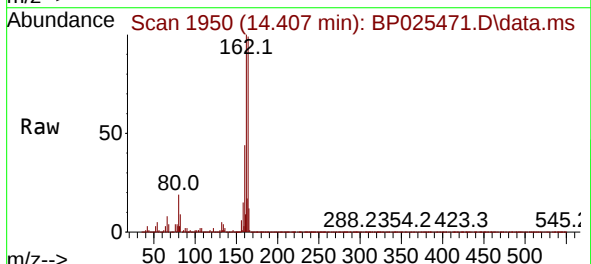
Instrument :
BNA_P
ClientSampleId :
PB169244BL

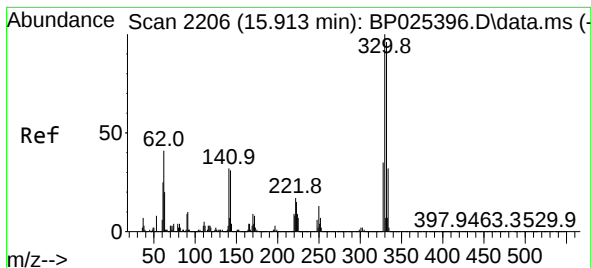
Tgt Ion: 82 Resp: 1029425
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 50.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025471.D
Acq: 19 Aug 2025 11:25

Tgt Ion:164 Resp: 431883
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 131.415 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025471.D

Acq: 19 Aug 2025 11:25

Instrument :

BNA_P

ClientSampleId :

PB169244BL

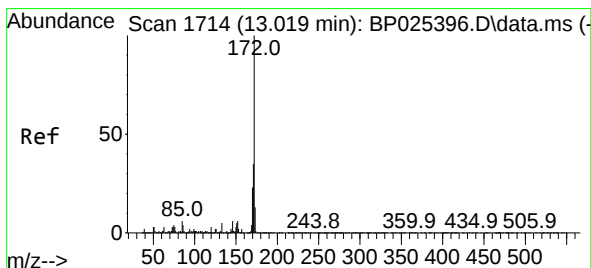
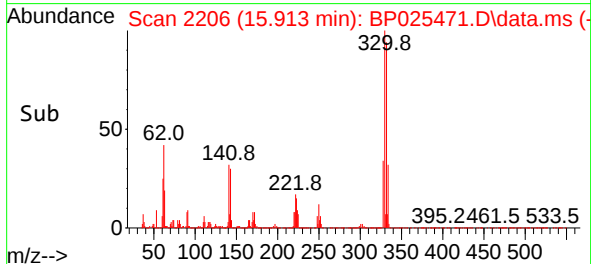
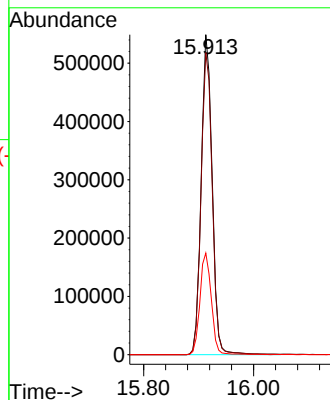
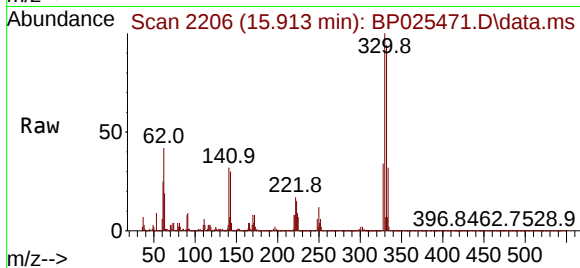
Tgt Ion:330 Resp: 763937

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 75.300 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025471.D

Acq: 19 Aug 2025 11:25

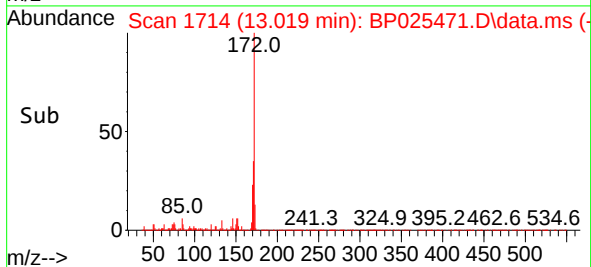
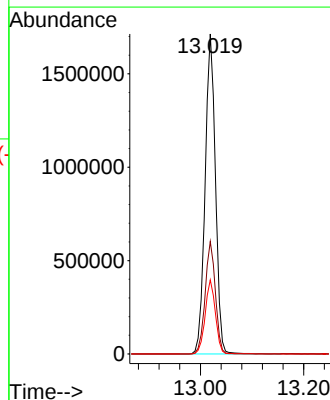
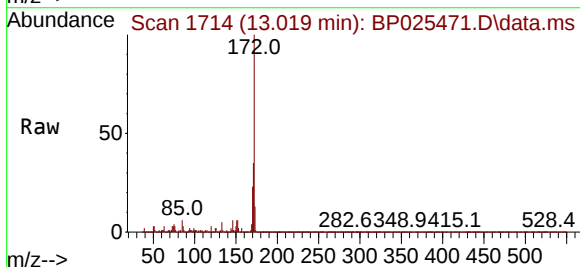
Tgt Ion:172 Resp: 2379524

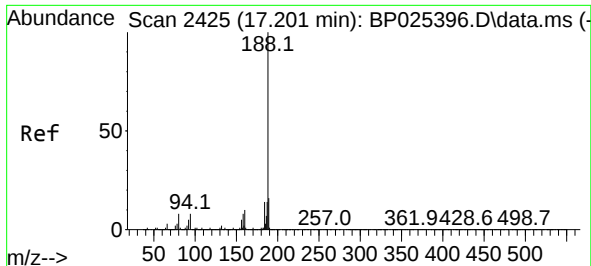
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.2 18.6 28.0

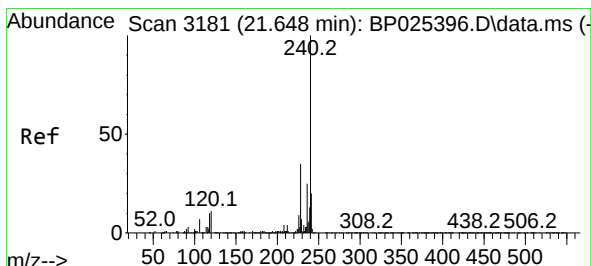
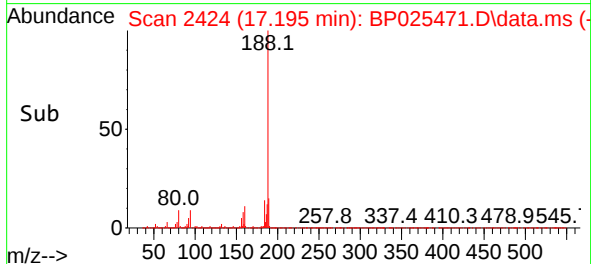
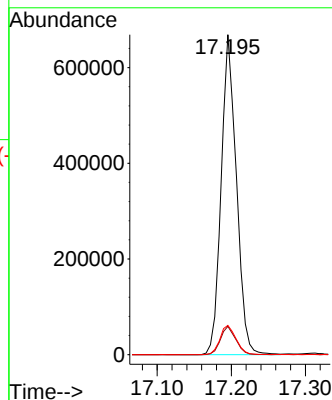
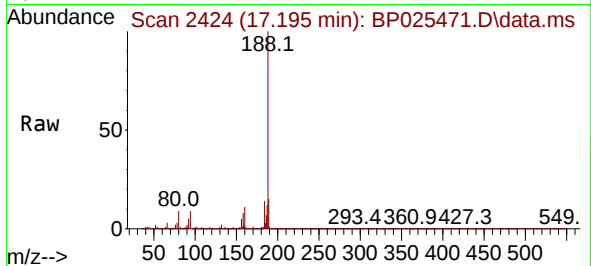




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025471.D
Acq: 19 Aug 2025 11:25

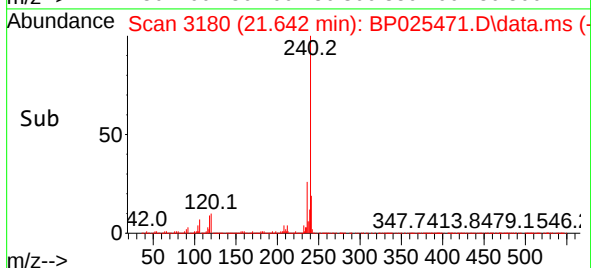
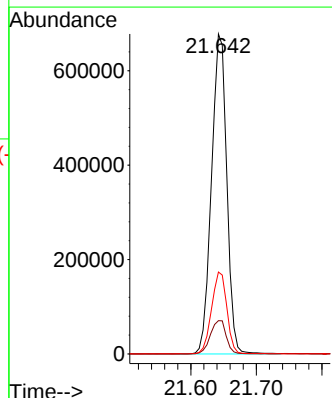
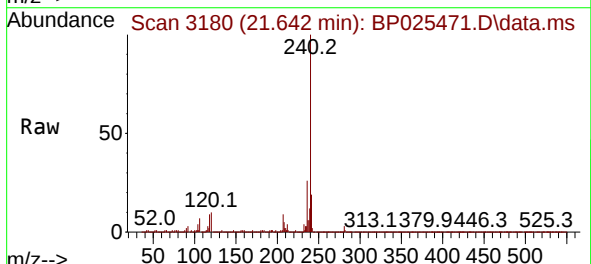
Instrument :
BNA_P
ClientSampleId :
PB169244BL

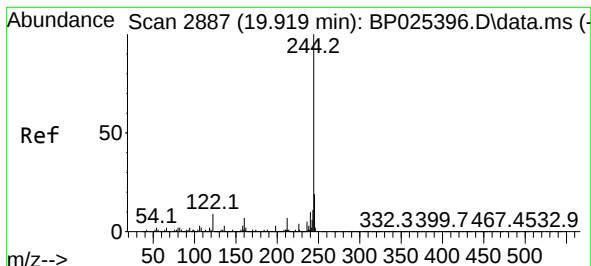
Tgt Ion:188 Resp: 954940
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.2 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025471.D
Acq: 19 Aug 2025 11:25

Tgt Ion:240 Resp: 1095777
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 76.493 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025471.D

Acq: 19 Aug 2025 11:25

Instrument :

BNA_P

ClientSampleId :

PB169244BL

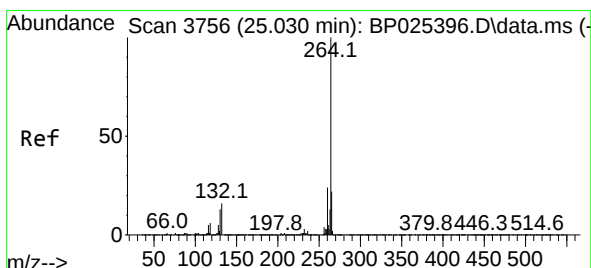
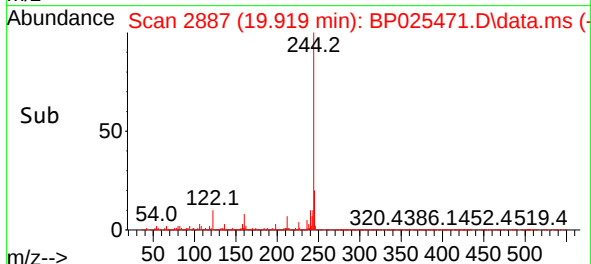
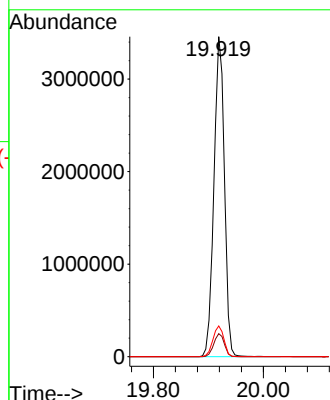
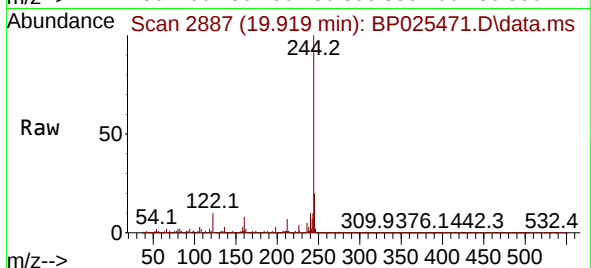
Tgt Ion:244 Resp: 4581344

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.018 min Scan# 3754

Delta R.T. -0.012 min

Lab File: BP025471.D

Acq: 19 Aug 2025 11:25

Tgt Ion:264 Resp: 1221508

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.1 17.4 26.0

