

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025439.D
 Acq On : 16 Aug 2025 00:31
 Operator : CG/JU
 Sample : PB169275BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169275BL

Quant Time: Aug 18 01:38:35 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	156038	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	640900	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	435066	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	892449	20.000	ng	0.00
76) Chrysene-d12	21.636	240	898807	20.000	ng	-0.01
86) Perylene-d12	25.001	264	991416	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1142442	121.589	ng	0.00
7) Phenol-d6	6.966	99	1447662	120.174	ng	0.00
23) Nitrobenzene-d5	8.925	82	940952	74.268	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	696105	118.870	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2304439	72.390	ng	0.00
79) Terphenyl-d14	19.907	244	3742479	76.180	ng	-0.01

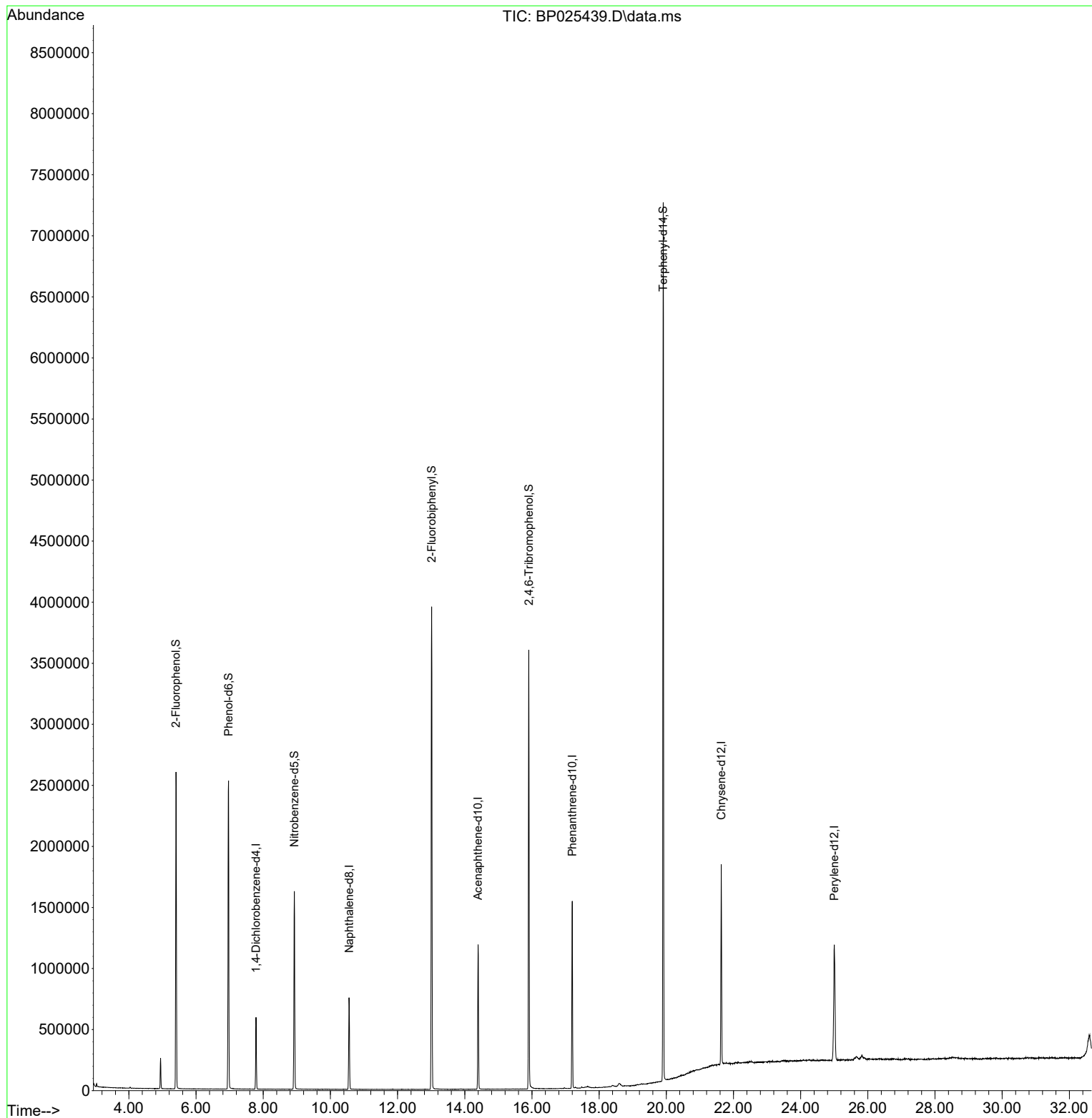
Target Compounds	Qvalue

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

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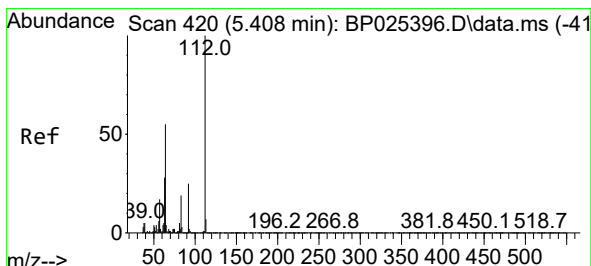
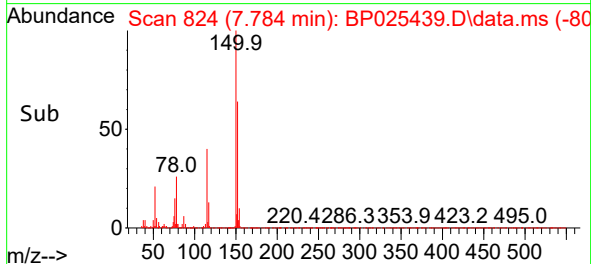
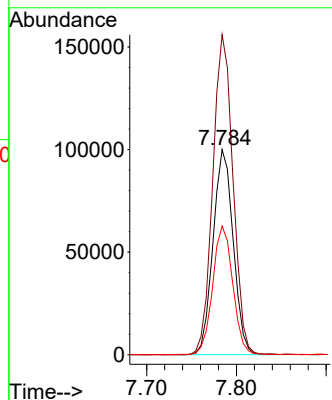
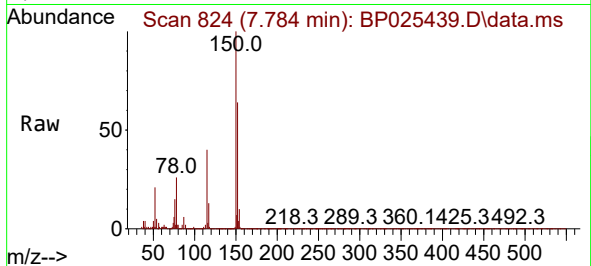




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

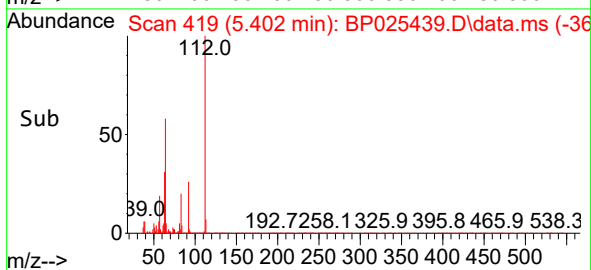
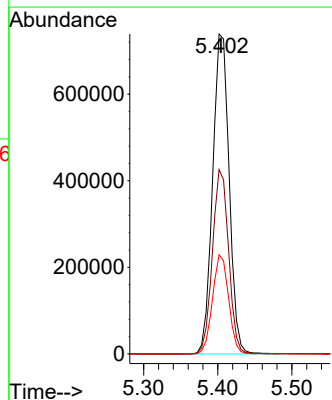
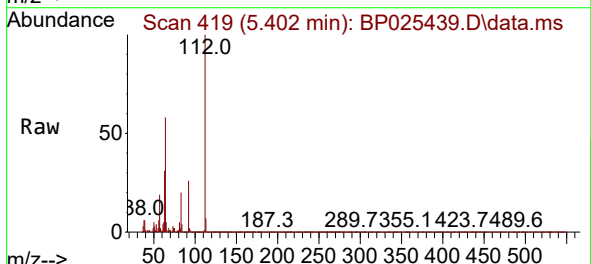
Instrument :
BNA_P
ClientSampleId :
PB169275BL

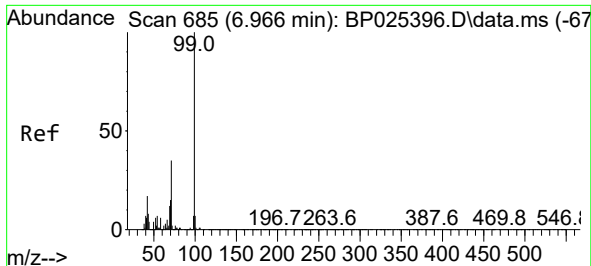
Tgt Ion:152 Resp: 156038
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 62.7 48.5 72.7



#5
2-Fluorophenol
Concen: 121.589 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

Tgt Ion:112 Resp: 1142442
Ion Ratio Lower Upper
112 100
64 57.6 43.8 65.8
63 31.0 22.7 34.1



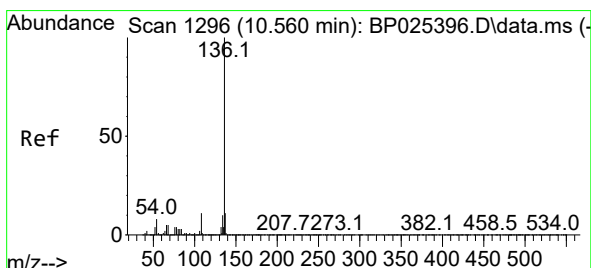
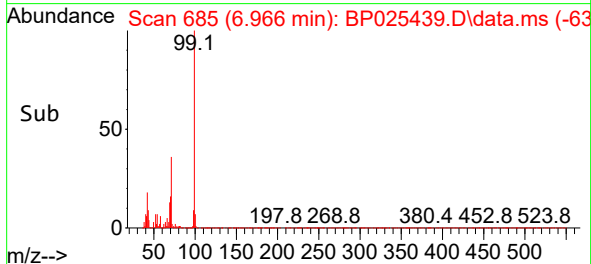
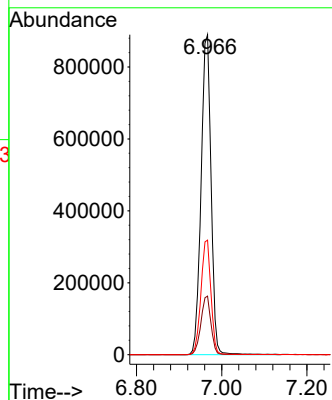
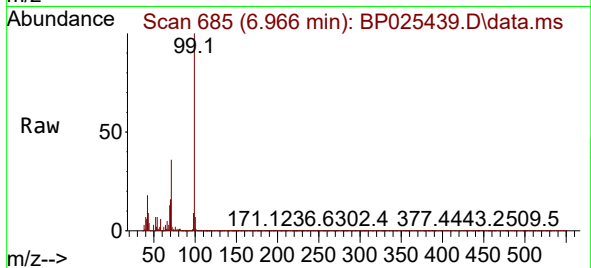


#7
Phenol-d6
Concen: 120.174 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

Instrument :
BNA_P
ClientSampleId :
PB169275BL

Tgt Ion: 99 Resp: 1447662

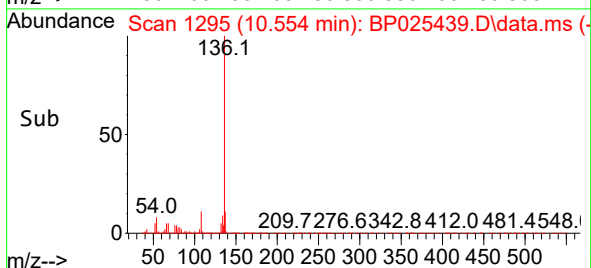
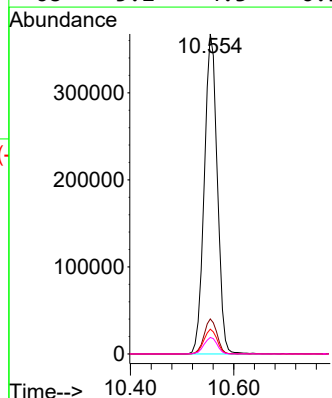
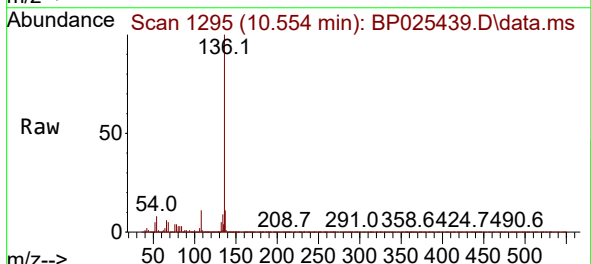
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	35.8	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

Tgt Ion: 136 Resp: 640900

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	6.0	9.0
68	5.2	4.3	6.5

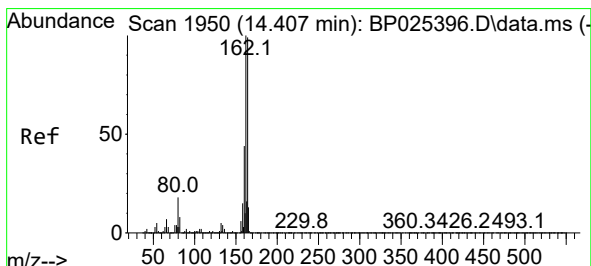
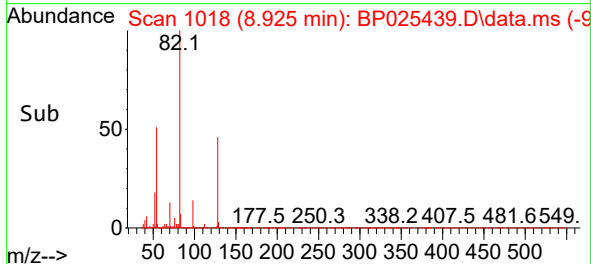
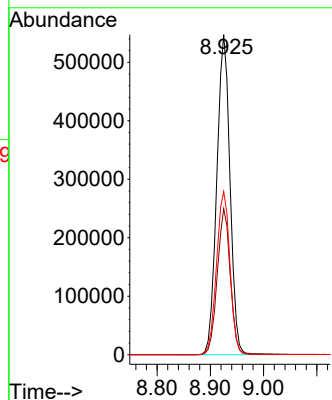
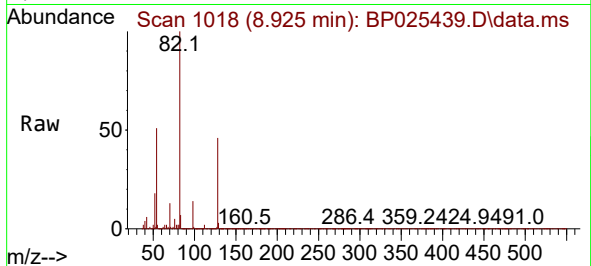




#23
Nitrobenzene-d5
Concen: 74.268 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

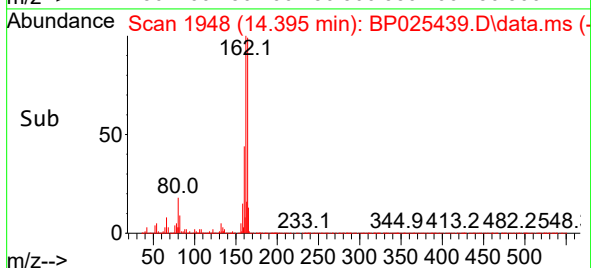
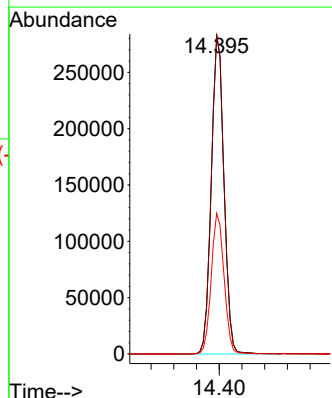
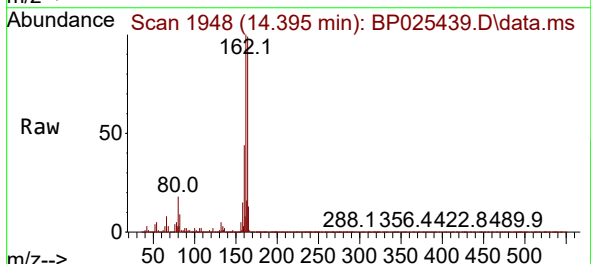
Instrument :
BNA_P
ClientSampleId :
PB169275BL

Tgt Ion: 82 Resp: 940952
Ion Ratio Lower Upper
82 100
128 45.6 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: BP025439.D
Acq: 16 Aug 2025 00:31

Tgt Ion:164 Resp: 435066
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 44.3 35.4 53.2

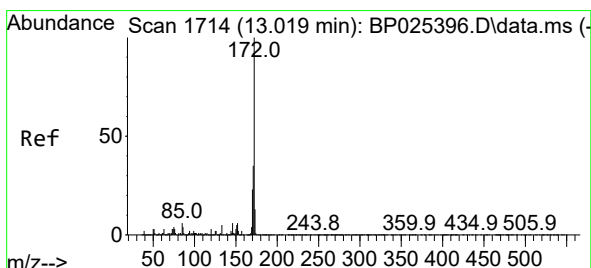
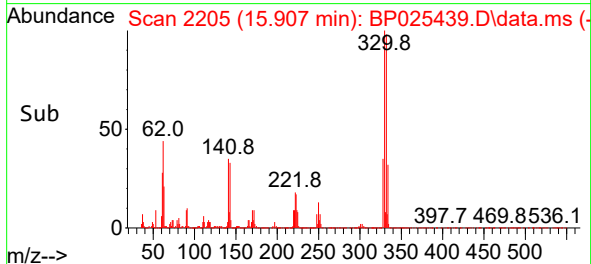
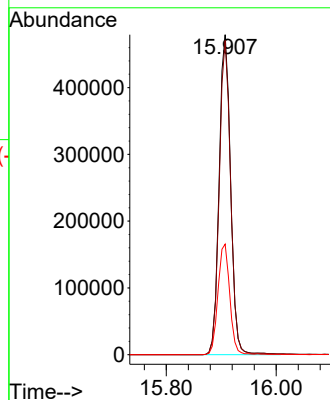
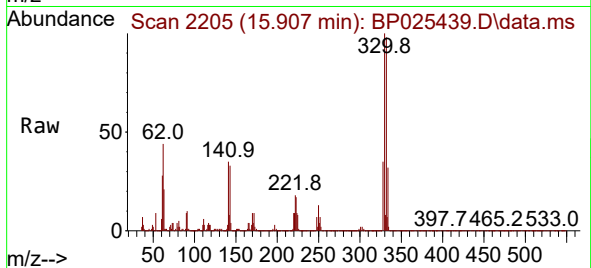




#42
2,4,6-Tribromophenol
Concen: 118.870 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

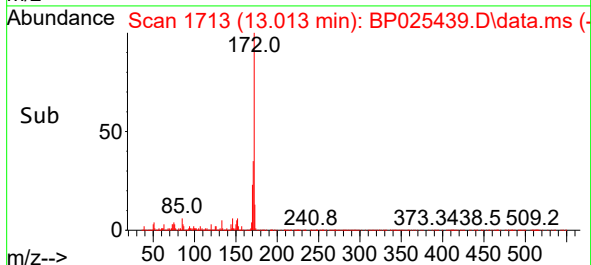
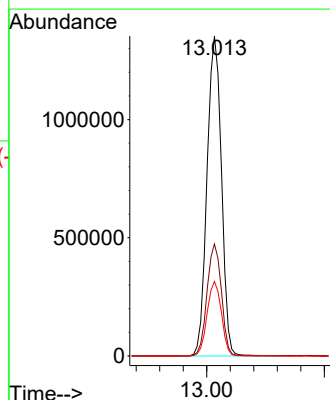
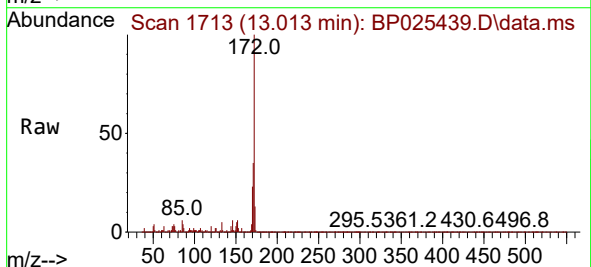
Instrument :
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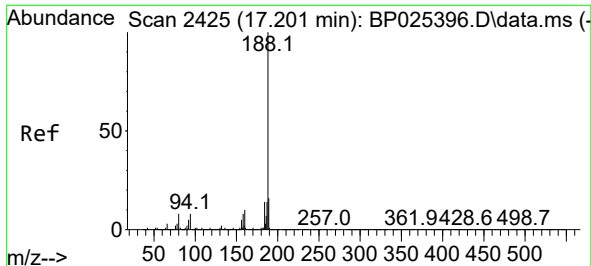
Tgt Ion:330 Resp: 696105
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 72.390 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

Tgt Ion:172 Resp: 2304439
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 18.6 28.0

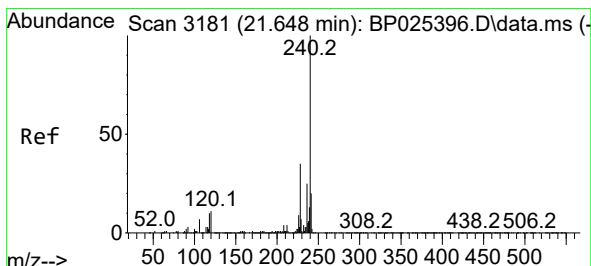
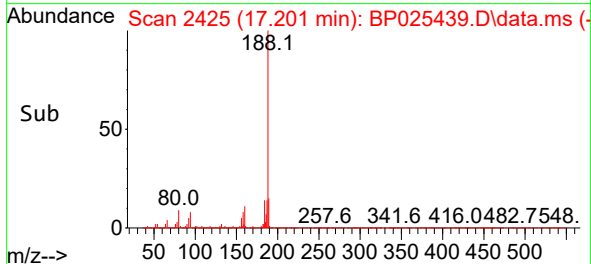
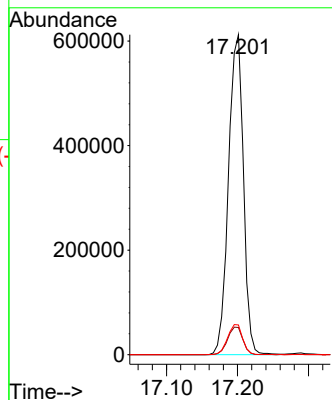
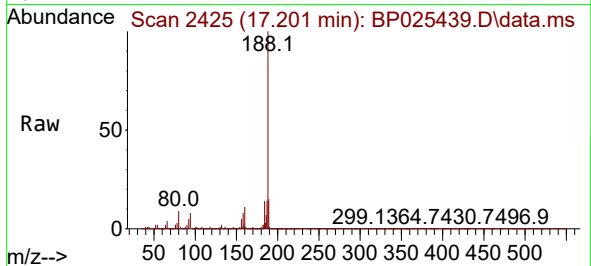




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

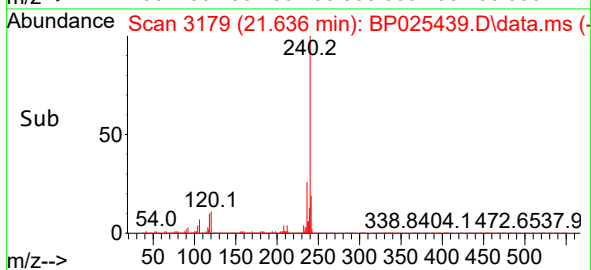
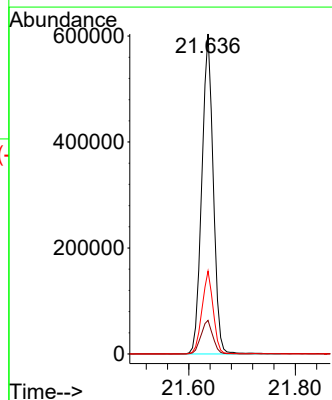
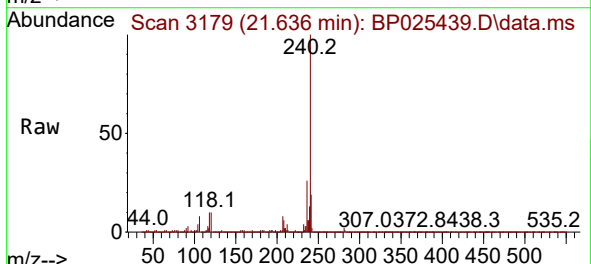
Instrument :
BNA_P
ClientSampleId :
PB169275BL

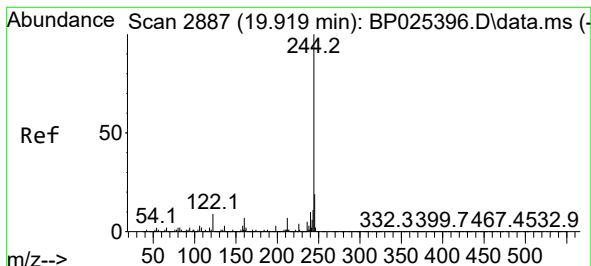
Tgt Ion:188 Resp: 892449
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025439.D
Acq: 16 Aug 2025 00:31

Tgt Ion:240 Resp: 898807
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 76.180 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025439.D

Acq: 16 Aug 2025 00:31

Instrument :

BNA_P

ClientSampleId :

PB169275BL

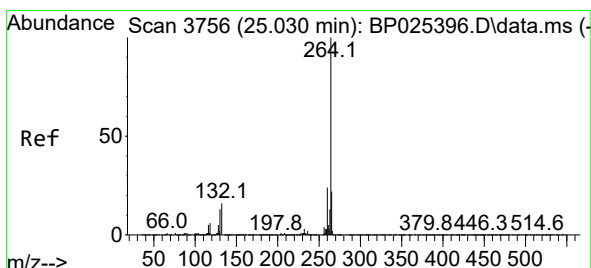
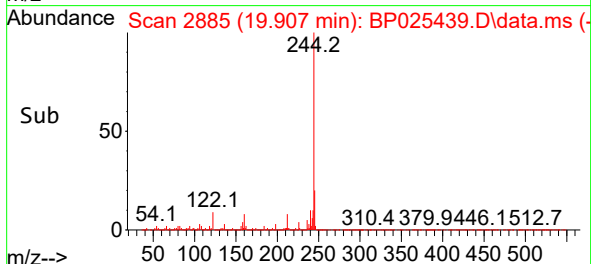
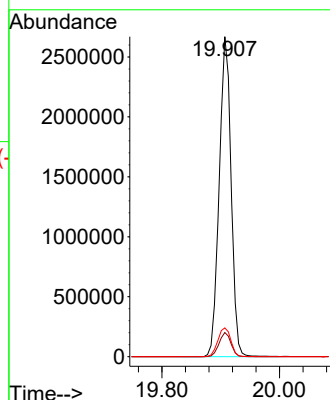
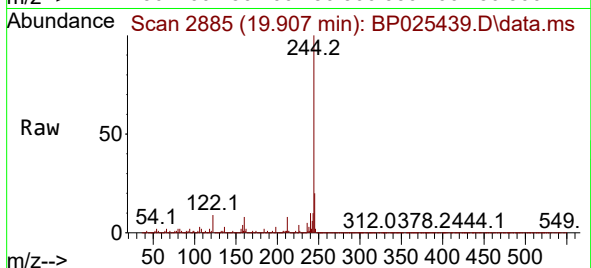
Tgt Ion:244 Resp: 3742479

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025439.D

Acq: 16 Aug 2025 00:31

Tgt Ion:264 Resp: 991416

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.7 17.4 26.0

