

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025434.D
 Acq On : 15 Aug 2025 19:40
 Operator : CG/JU
 Sample : Q2820-21RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22M-NRE

Quant Time: Aug 18 01:36:29 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	155082	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	641637	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	416468	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	866830	20.000	ng	-0.01
76) Chrysene-d12	21.618	240	930206	20.000	ng	-0.03
86) Perylene-d12	24.989	264	1040579	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	644660	69.034	ng	0.00
7) Phenol-d6	6.960	99	848161	70.842	ng	0.00
23) Nitrobenzene-d5	8.925	82	550431	43.395	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	399579	71.281	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1230492	40.380	ng	0.00
79) Terphenyl-d14	19.907	244	2094015	41.186	ng	-0.01

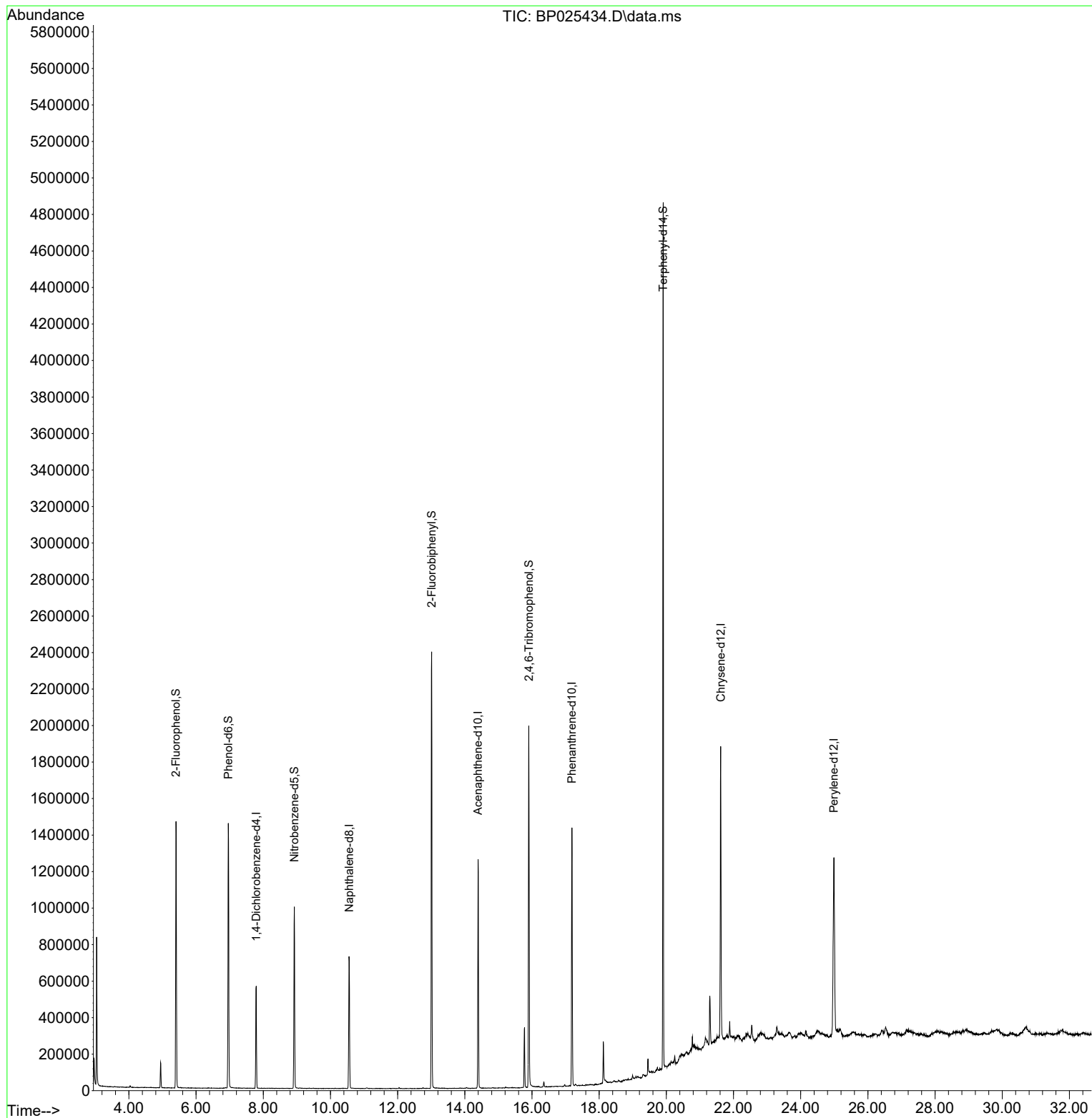
Target Compounds	Qvalue

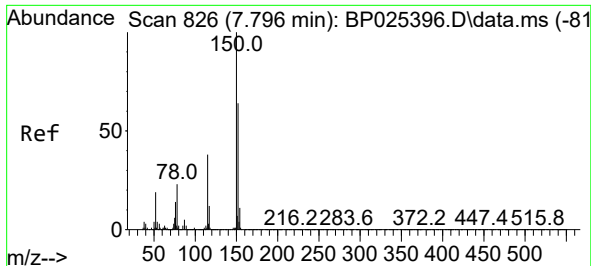
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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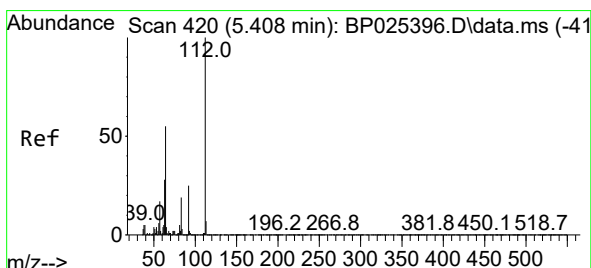
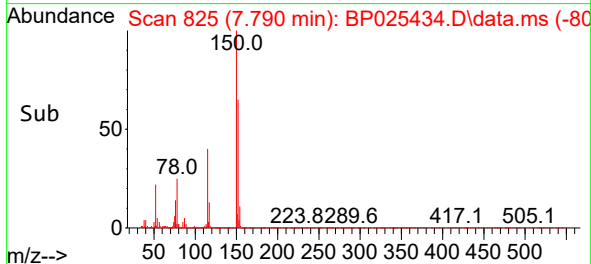
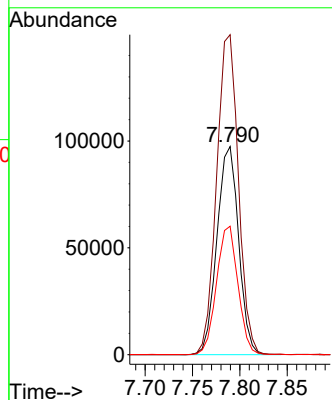
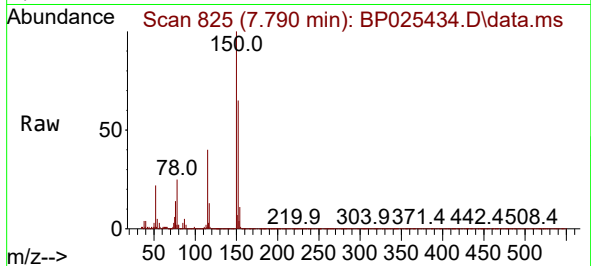




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

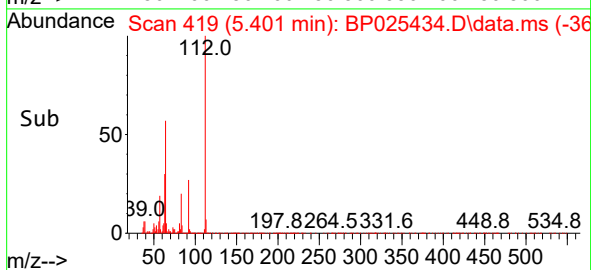
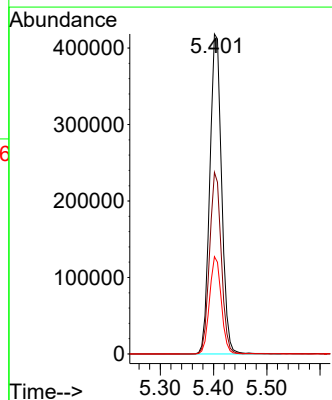
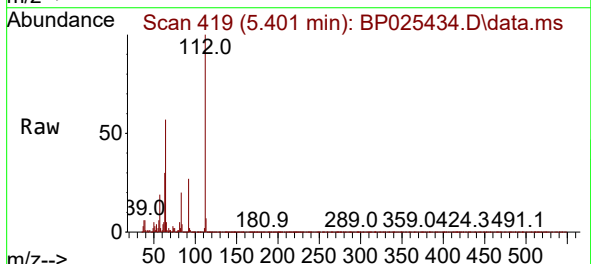
Instrument :
BNA_P
ClientSampleId :
22M-NRE

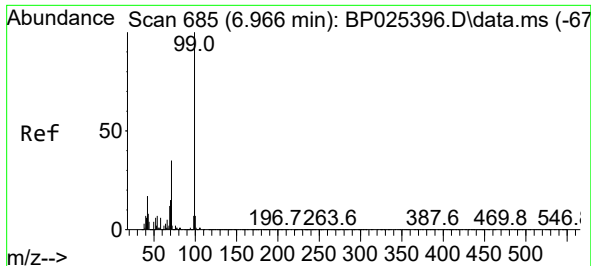
Tgt Ion:152 Resp: 155082
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 61.7 48.5 72.7



#5
2-Fluorophenol
Concen: 69.034 ng
RT: 5.401 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

Tgt Ion:112 Resp: 644660
Ion Ratio Lower Upper
112 100
64 56.7 43.8 65.8
63 30.4 22.7 34.1

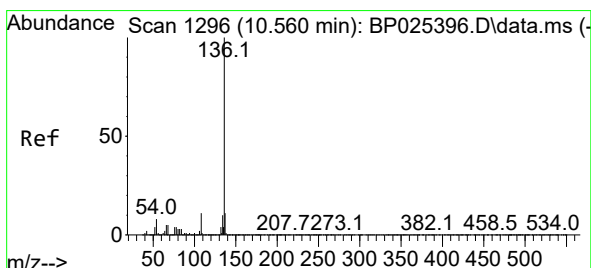
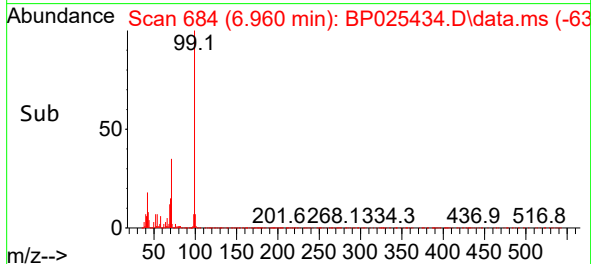
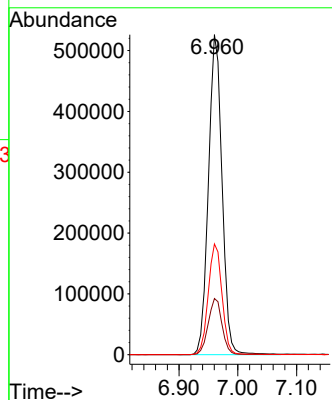
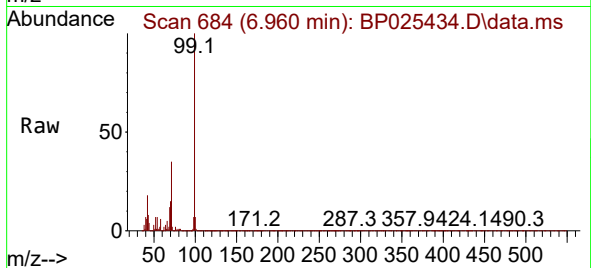




#7
Phenol-d6
Concen: 70.842 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

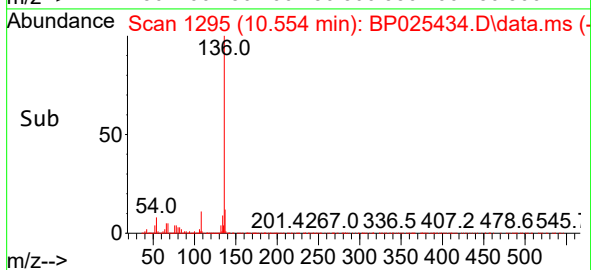
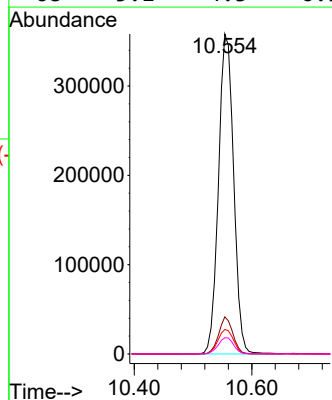
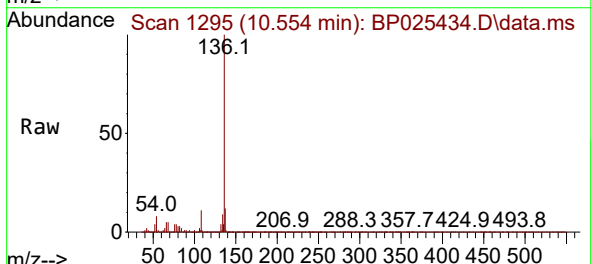
Instrument :
BNA_P
ClientSampleId :
22M-NRE

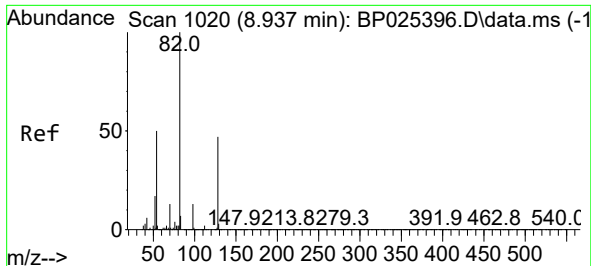
Tgt Ion: 99 Resp: 848161
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 34.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

Tgt Ion:136 Resp: 641637
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 7.7 6.0 9.0
68 5.1 4.3 6.5

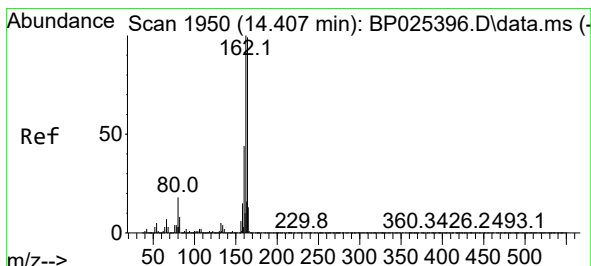
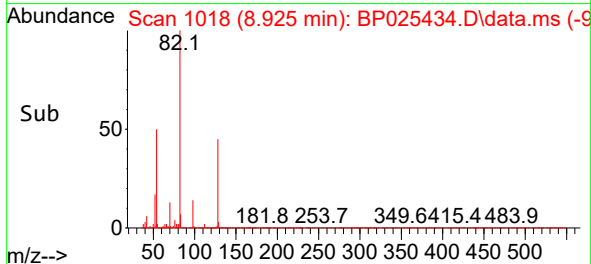
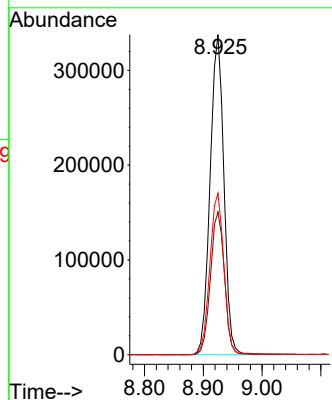
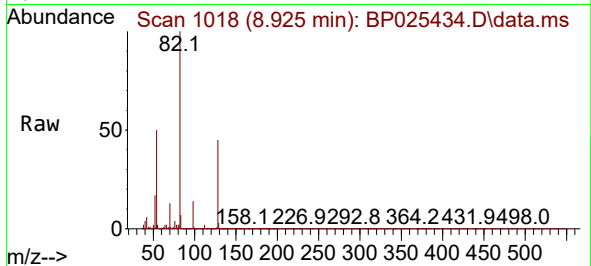




#23
Nitrobenzene-d5
Concen: 43.395 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

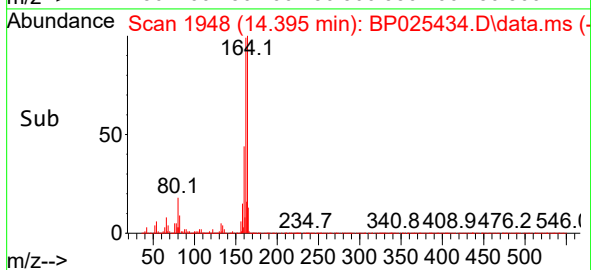
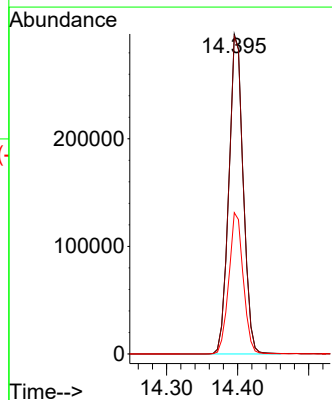
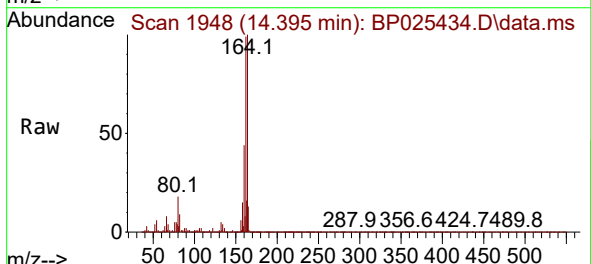
Instrument :
BNA_P
ClientSampleId :
22M-NRE

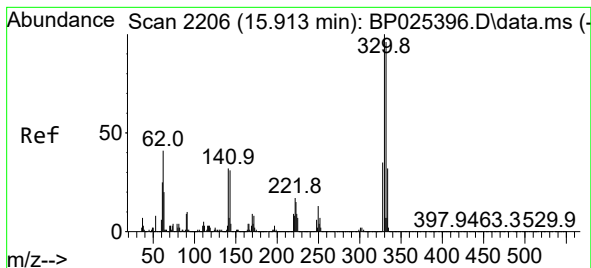
Tgt Ion: 82 Resp: 550431
Ion Ratio Lower Upper
82 100
128 44.6 37.7 56.5
54 50.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

Tgt Ion: 164 Resp: 416468
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.6
160 44.2 35.4 53.2

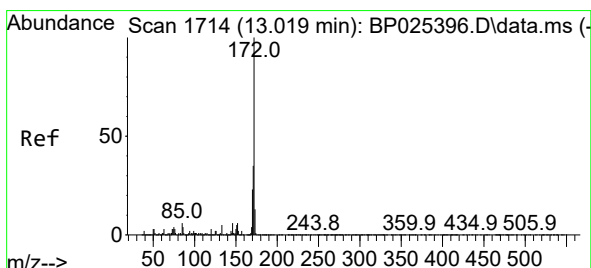
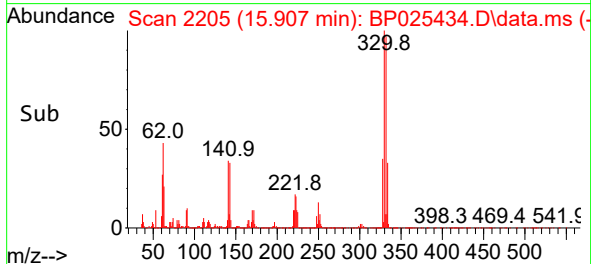
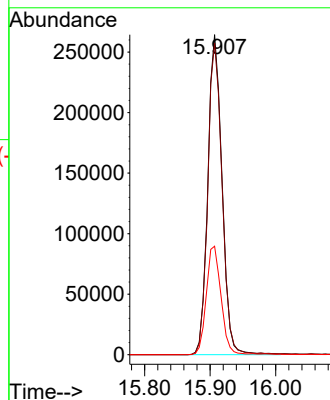
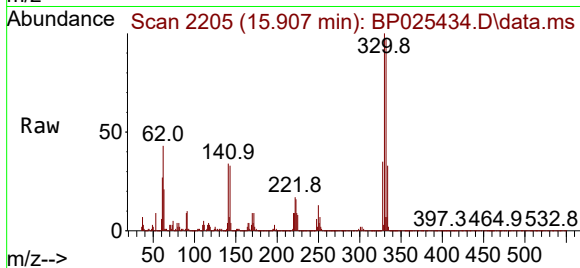




#42
2,4,6-Tribromophenol
Concen: 71.281 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

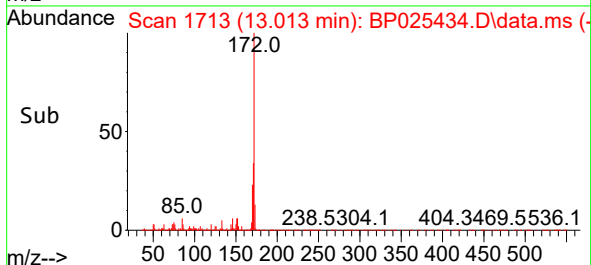
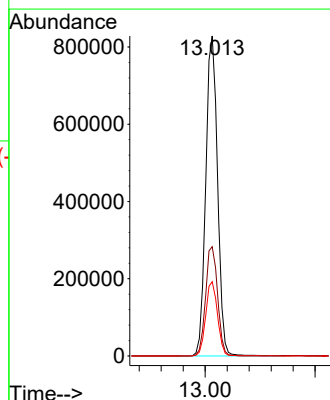
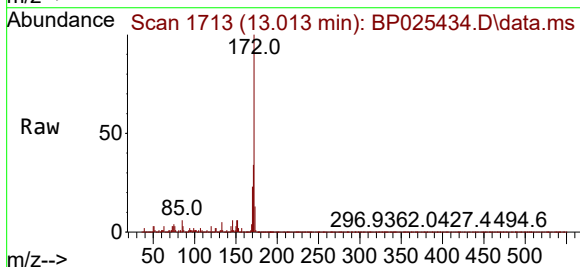
Instrument :
BNA_P
ClientSampleId :
22M-NRE

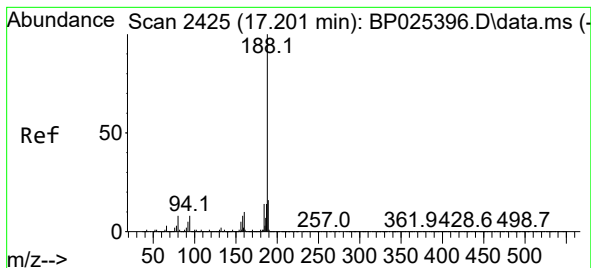
Tgt Ion:330 Resp: 399579
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 35.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 40.380 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

Tgt Ion:172 Resp: 1230492
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025434.D

Acq: 15 Aug 2025 19:40

Instrument :

BNA_P

ClientSampleId :

22M-NRE

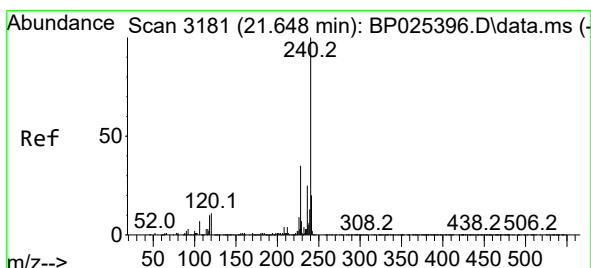
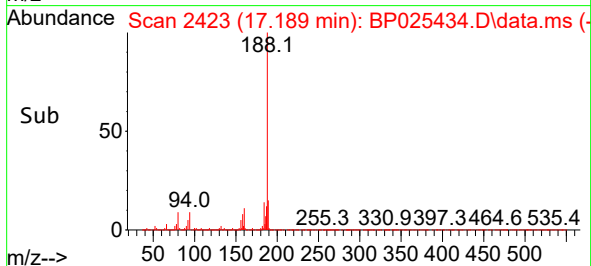
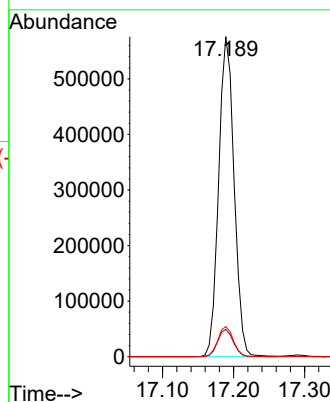
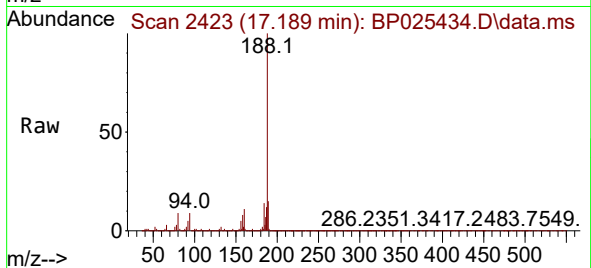
Tgt Ion:188 Resp: 866830

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.4 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3176

Delta R.T. -0.030 min

Lab File: BP025434.D

Acq: 15 Aug 2025 19:40

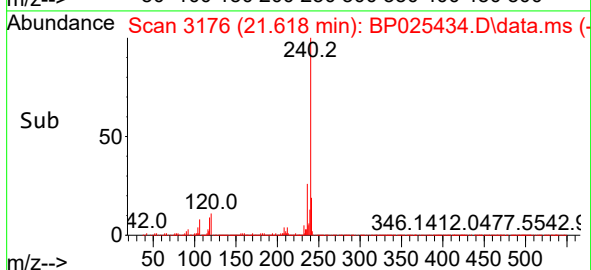
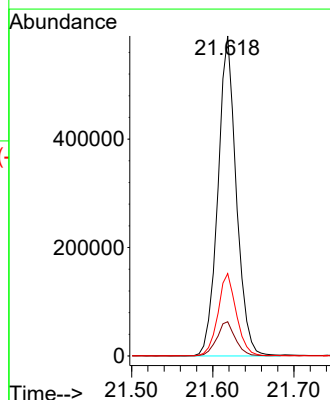
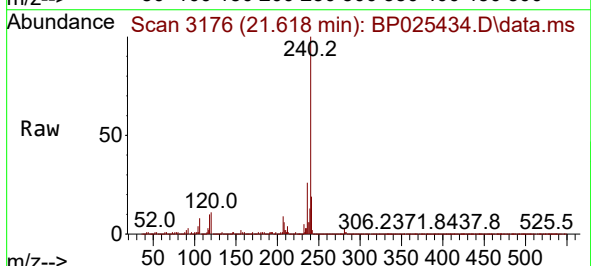
Tgt Ion:240 Resp: 930206

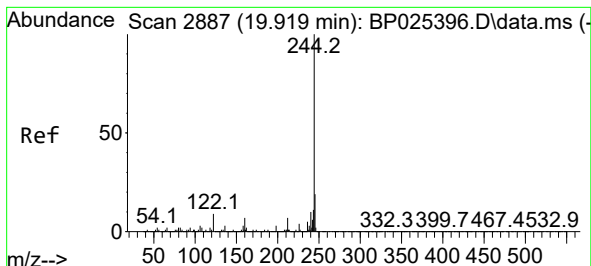
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 41.186 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025434.D

Acq: 15 Aug 2025 19:40

Instrument :

BNA_P

ClientSampleId :

22M-NRE

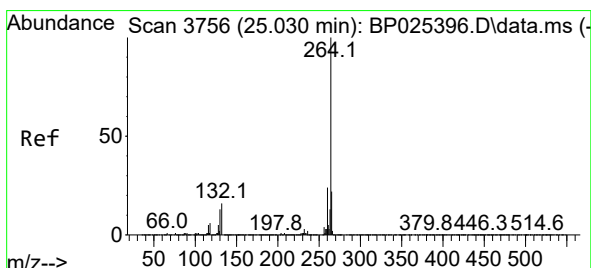
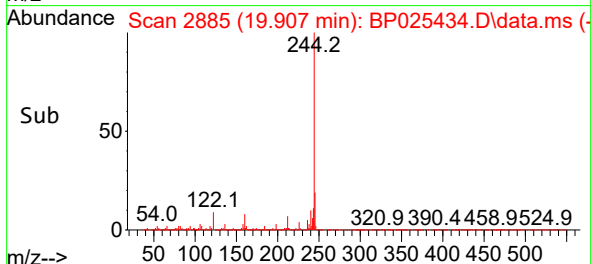
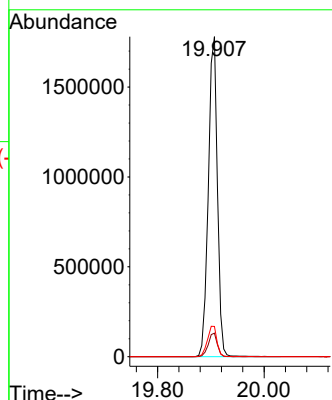
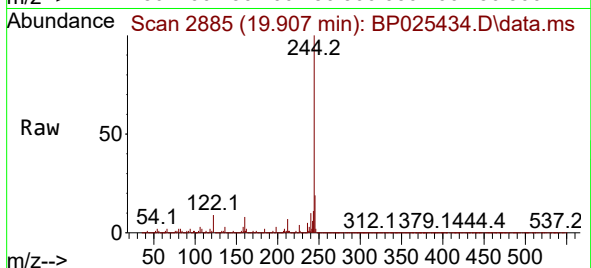
Tgt Ion:244 Resp: 2094015

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.5 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025434.D

Acq: 15 Aug 2025 19:40

Tgt Ion:264 Resp: 1040579

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.9 17.4 26.0

