

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)

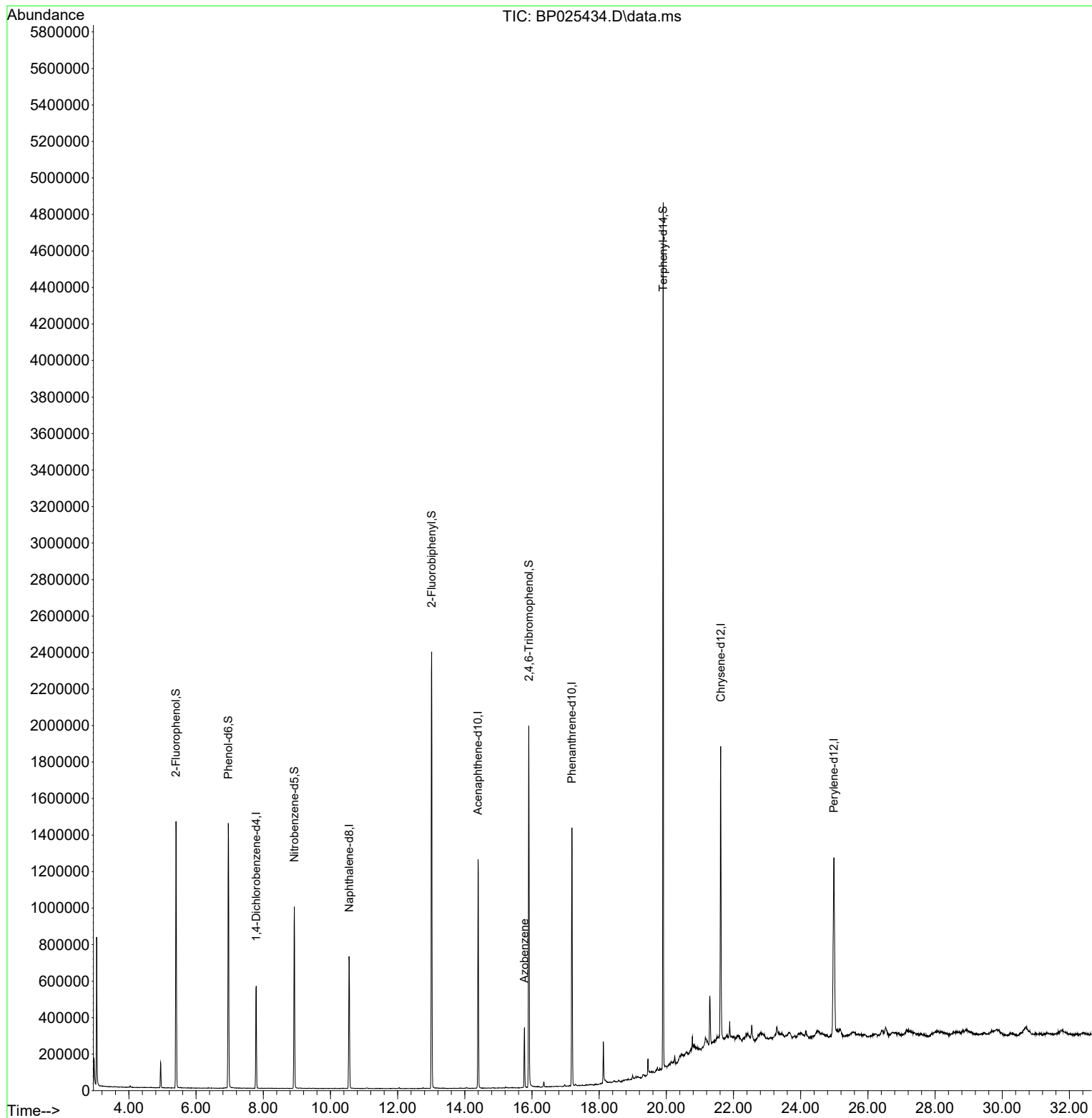
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	155082	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	641637	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	416468	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	866830	20.000	ng	-0.01
76) Chrysene-d12	21.618	240	930206	20.000	ng	-0.03
86) Perylene-d12	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						
63) Azobenzene	15.777	77	91911	3.464	ng	Qvalue # 1

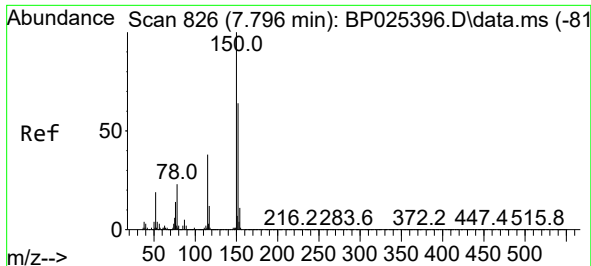
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

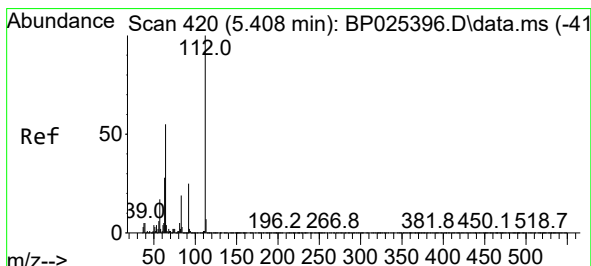
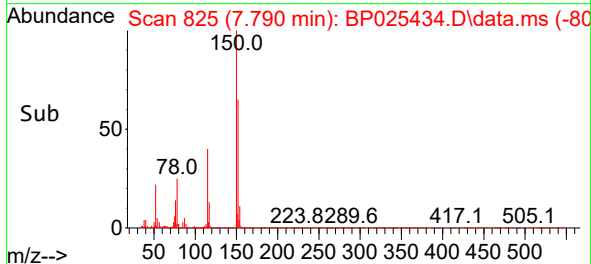
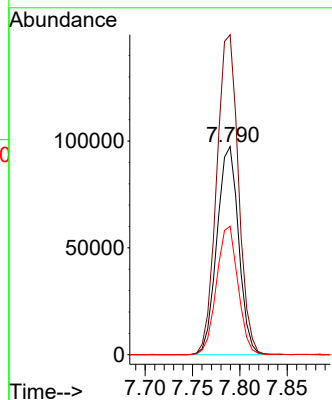
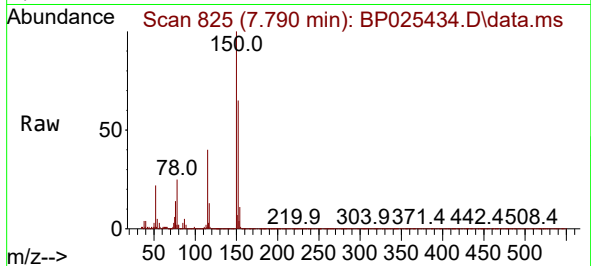




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

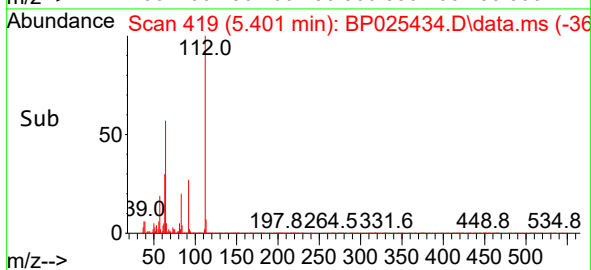
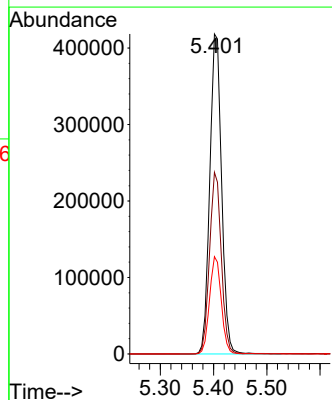
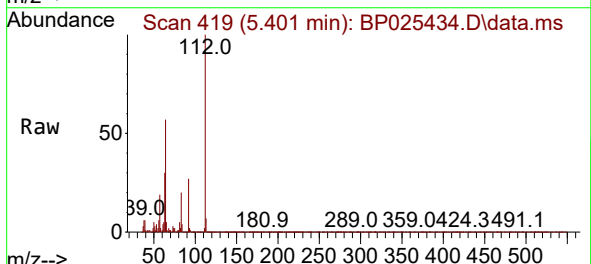
Instrument :
BNA_P
ClientSampleId :
22M-NRE

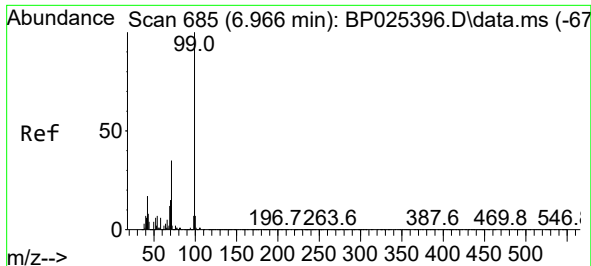
Tgt Ion:152 Resp: 155082
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 61.7 48.5 72.7



#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

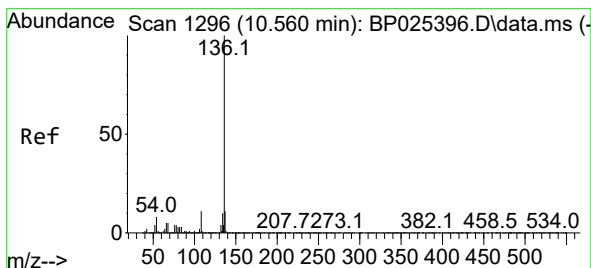
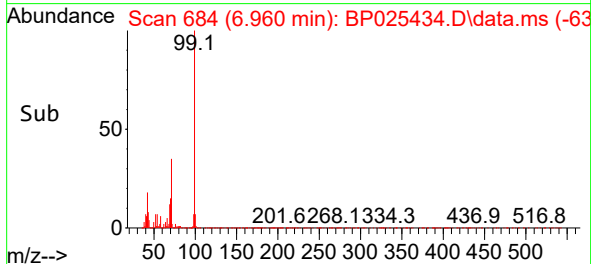
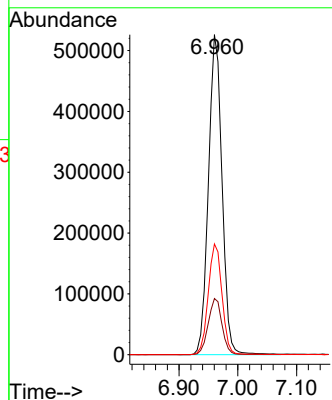
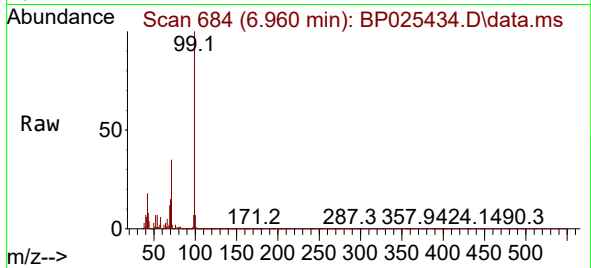




#7
Phenol-d6
Concen: 70.842 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

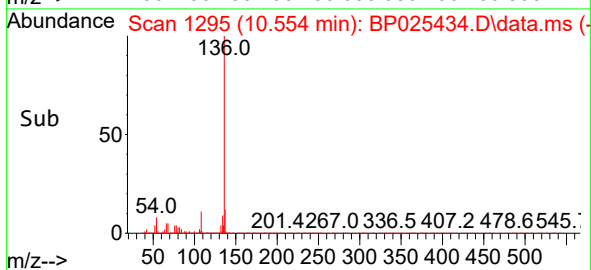
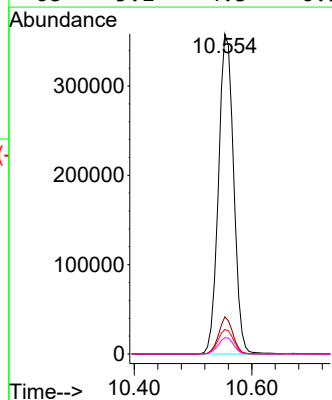
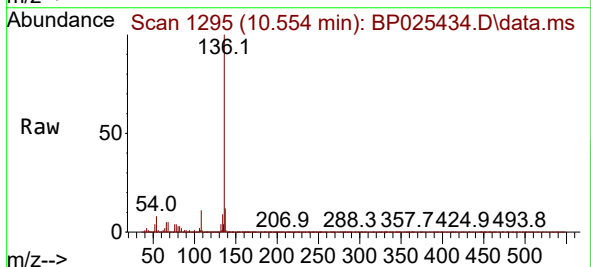
Instrument :
BNA_P
ClientSampleId :
22M-NRE

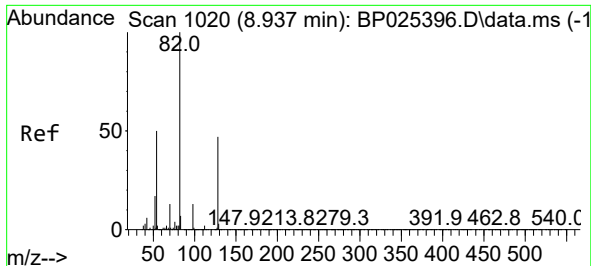
Tgt Ion: 99 Resp: 848161
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 34.6 28.2 42.4



#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

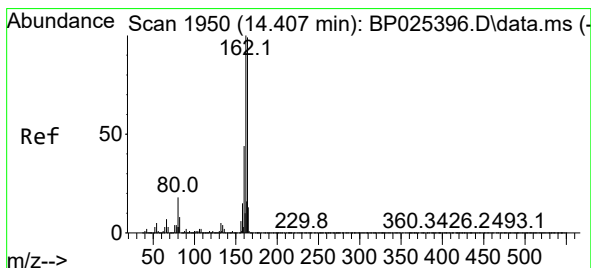
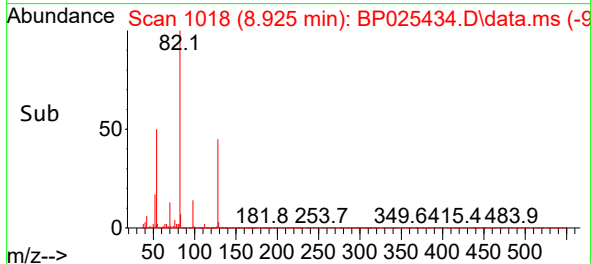
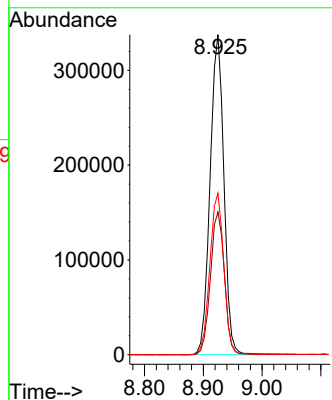
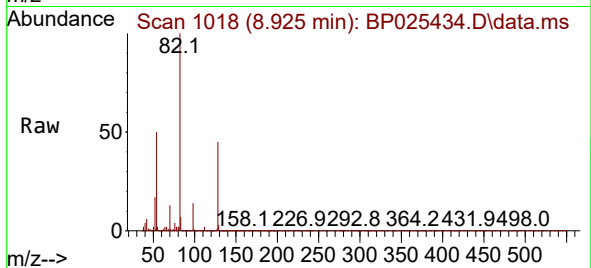
Tgt Ion: 82 Resp: 550431

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

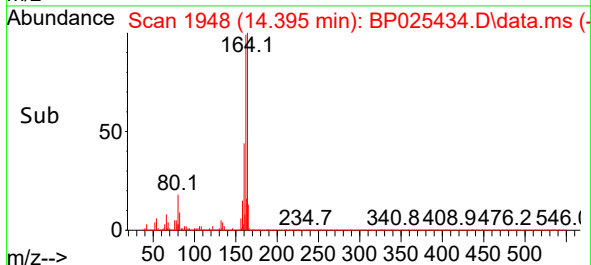
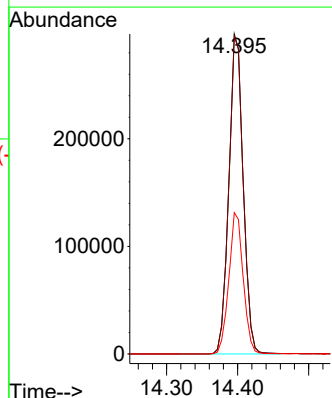
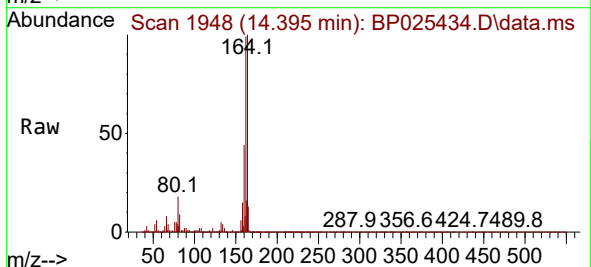
Tgt Ion:164 Resp: 416468

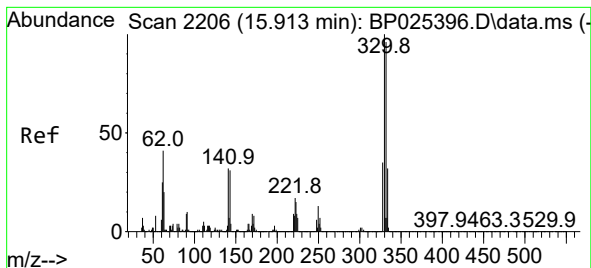
Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.6

160 44.2 35.4 53.2

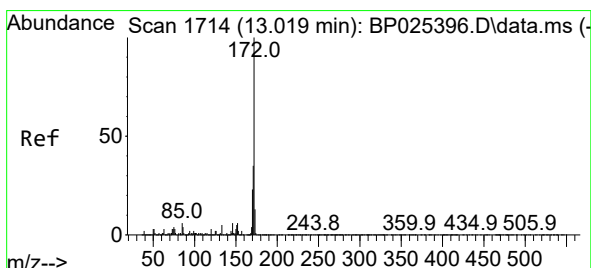
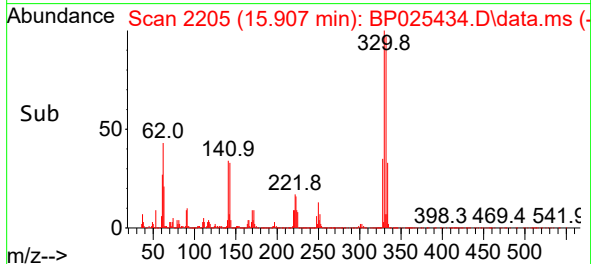
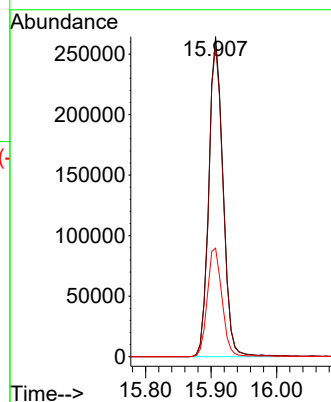
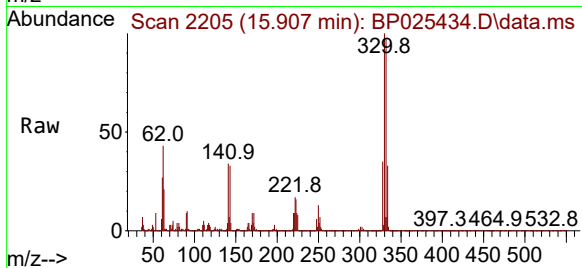




#42
2,4,6-Tribromophenol
Concen: 71.281 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

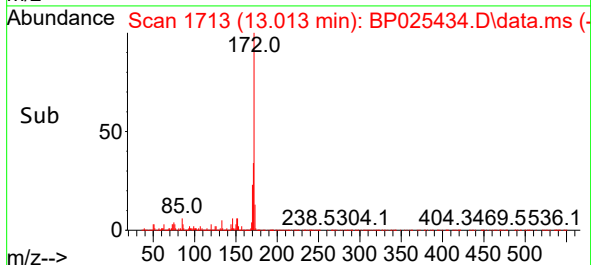
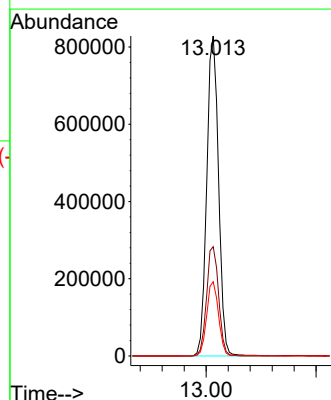
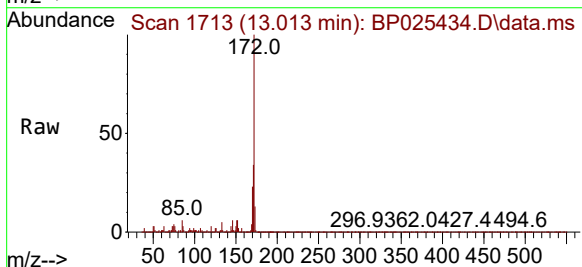
Instrument :
BNA_P
ClientSampleId :
22M-NRE

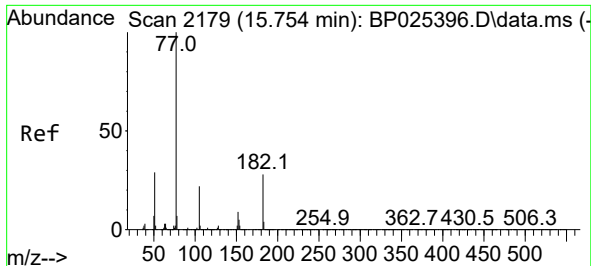
Tgt Ion:330 Resp: 399579
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 35.1 26.6 39.8



#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

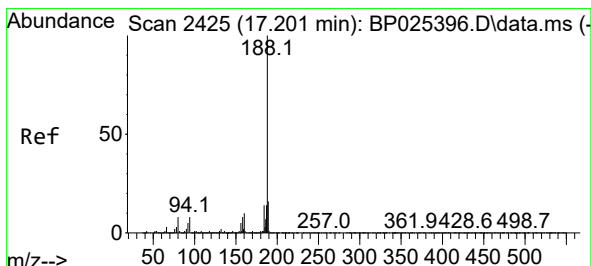
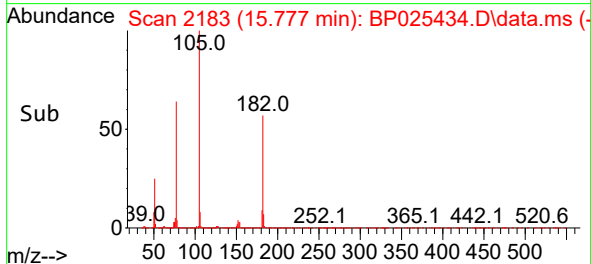
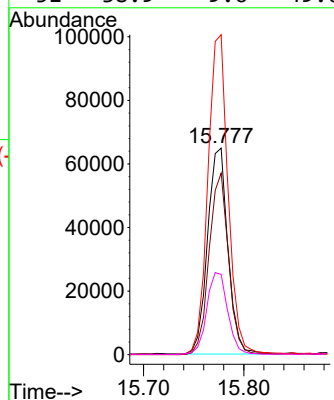
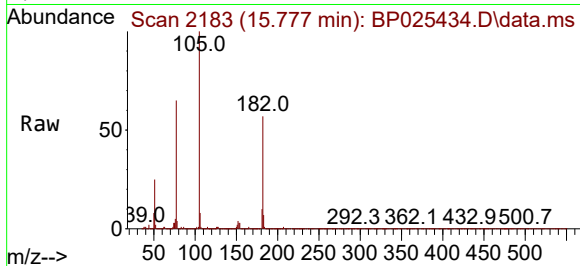




#63
Azobenzene
Concen: 3.464 ng
RT: 15.777 min Scan# 2179
Delta R.T. 0.023 min
Lab File: BP025434.D
Acq: 15 Aug 2025 19:40

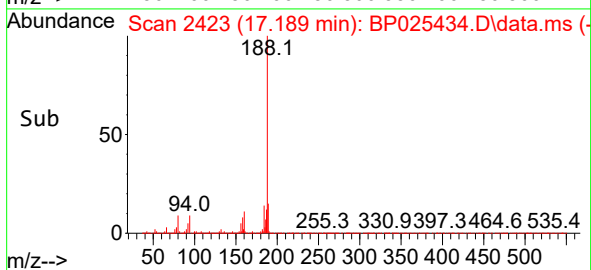
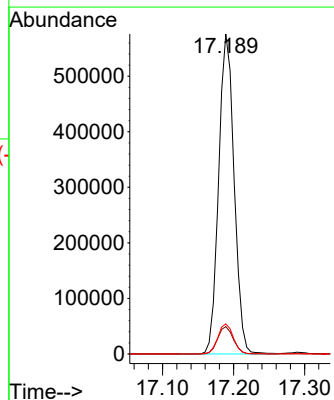
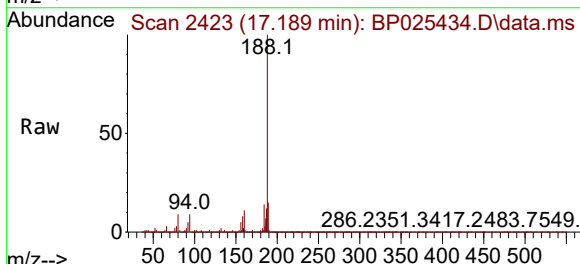
Instrument :
BNA_P
ClientSampleId :
22M-NRE

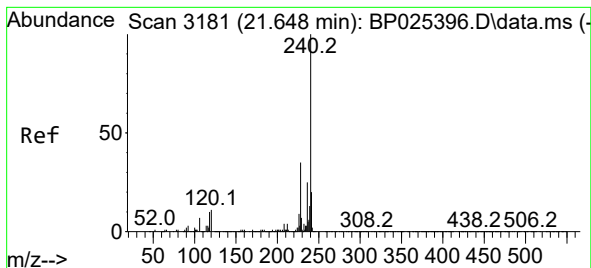
Tgt Ion: 77	Resp: 91911
Ion Ratio	Lower Upper
77	100
182	87.9 7.5 47.5#
105	154.9 2.1 42.1#
51	38.9 9.6 49.6



#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

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# 31

Delta R.T. -0.030 min

Lab File: BP025434.D

Acq: 15 Aug 2025 19:40

Instrument :

BNA_P

ClientSampleId :

22M-NRE

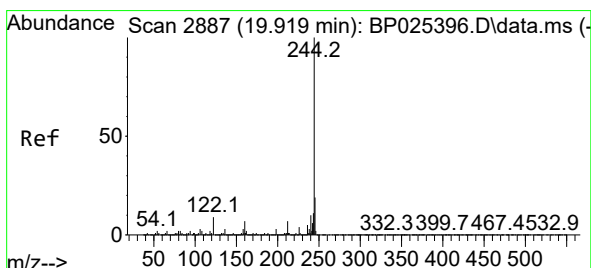
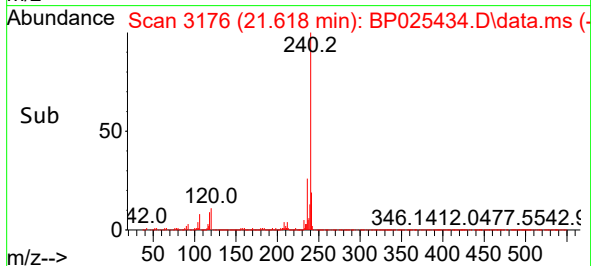
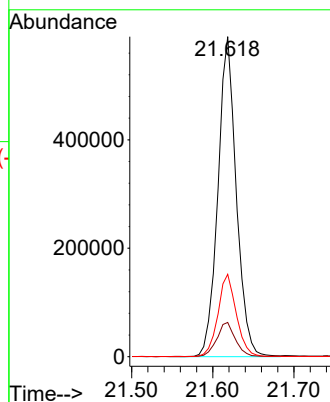
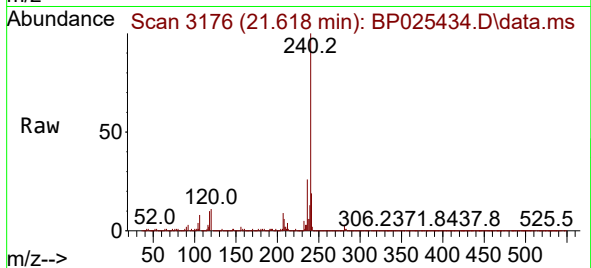
Tgt Ion:240 Resp: 930206

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# 2885

Delta R.T. -0.012 min

Lab File: BP025434.D

Acq: 15 Aug 2025 19:40

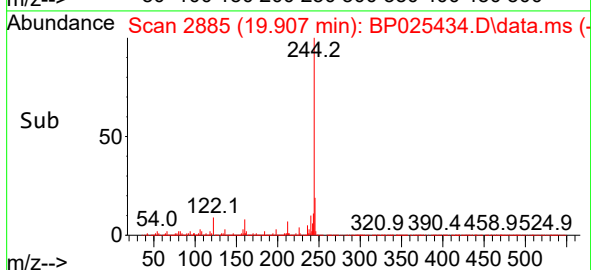
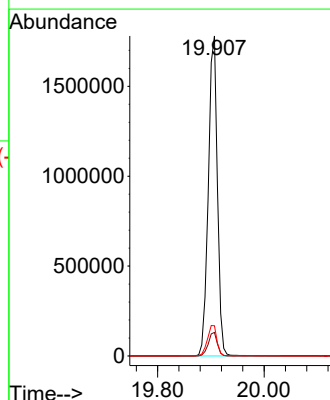
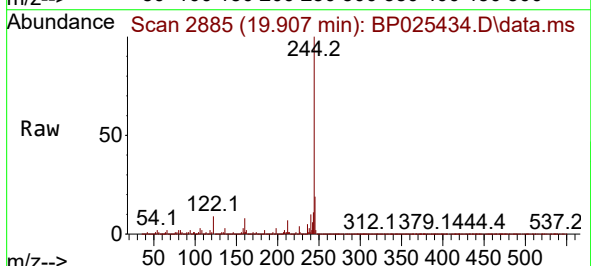
Tgt Ion:244 Resp: 2094015

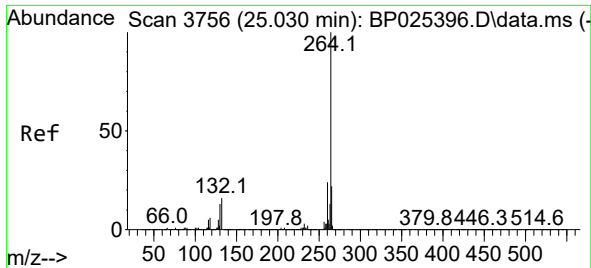
Ion Ratio Lower Upper

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# 31
 Delta R.T. -0.041 min
 Lab File: BP025434.D
 Acq: 15 Aug 2025 19:40

Instrument :
 BNA_P
 ClientSampleId :
 22M-NRE

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

