

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024750.D
 Acq On : 21 May 2025 23:40
 Operator : RC/JU
 Sample : Q2087-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-05202025

Quant Time: May 22 03:05:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

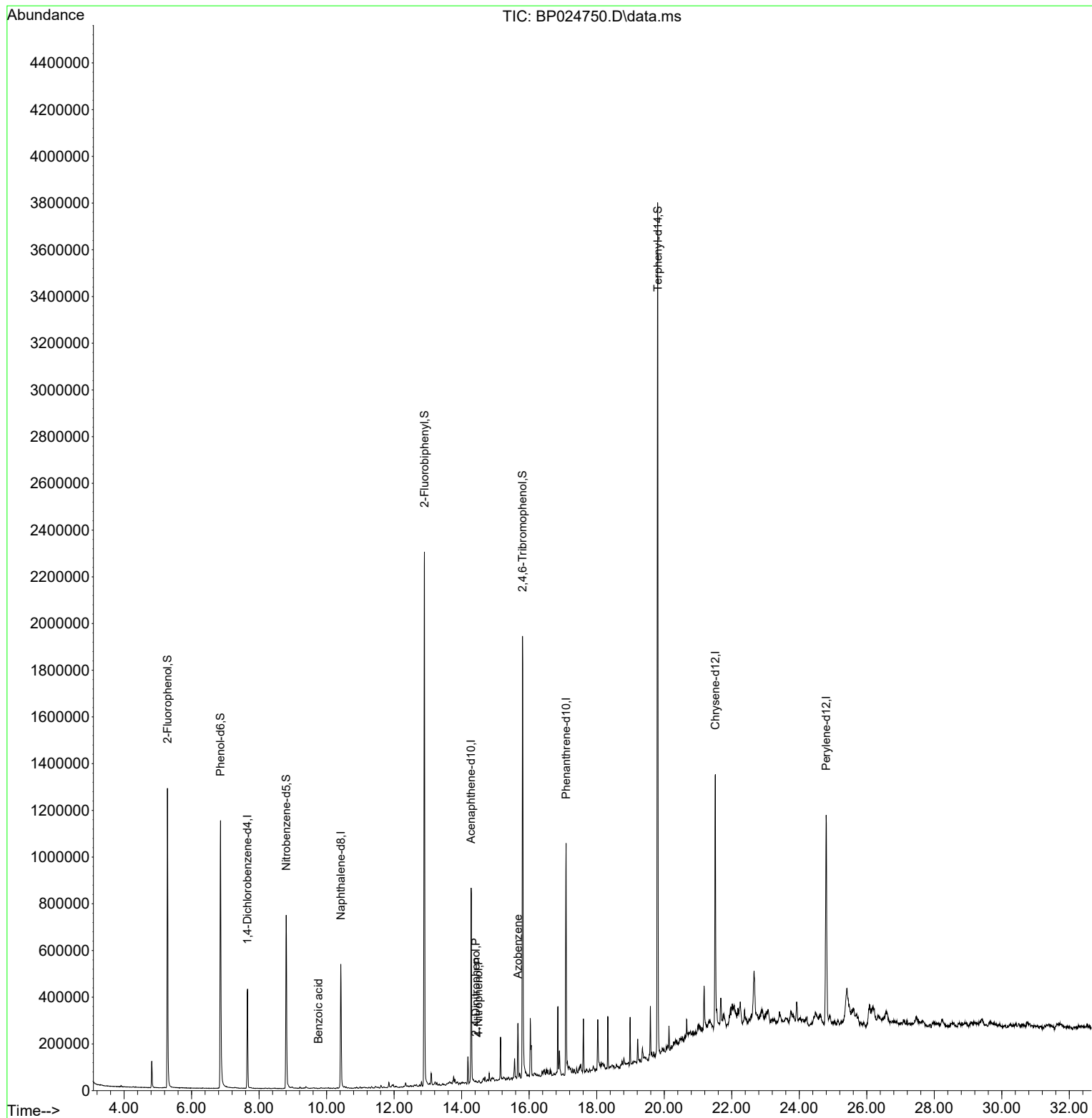
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	117001	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	464236	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	300625	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	586940	20.000	ng	0.00
76) Chrysene-d12	21.516	240	677834	20.000	ng	0.00
86) Perylene-d12	24.798	264	853402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	596612	87.215	ng	0.00
7) Phenol-d6	6.857	99	740053	84.766	ng	0.00
23) Nitrobenzene-d5	8.804	82	441827	48.088	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	487639	95.682	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1224274	53.354	ng	0.00
79) Terphenyl-d14	19.810	244	2120093	53.631	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	22	7.472	ng	# 4
54) 2,4-Dinitrophenol	14.422	184	23	6.408	ng	# 1
56) 4-Nitrophenol	14.498	139	200	4.278	ng	# 70
63) Azobenzene	15.669	77	72650	3.667	ng	# 1

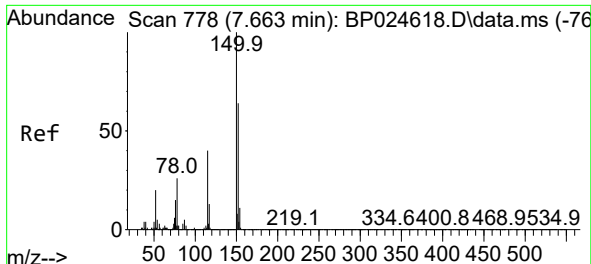
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024750.D
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Operator : RC/JU
Sample : Q2087-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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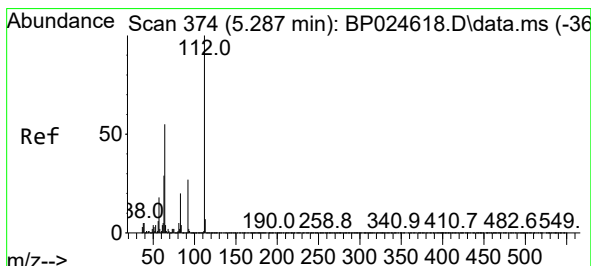
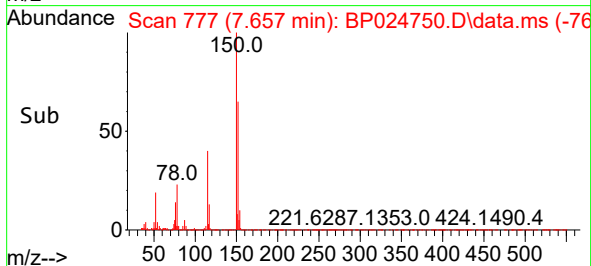
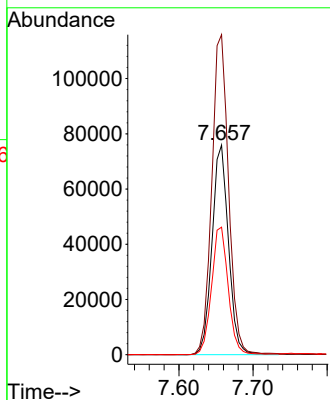
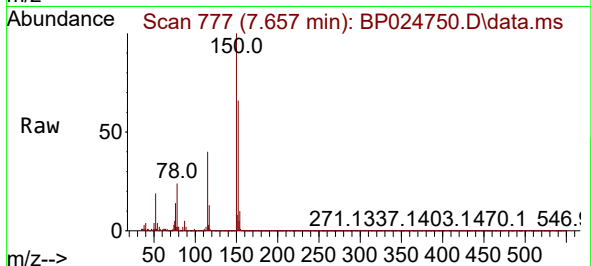




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

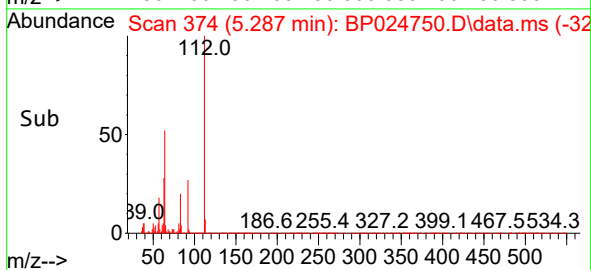
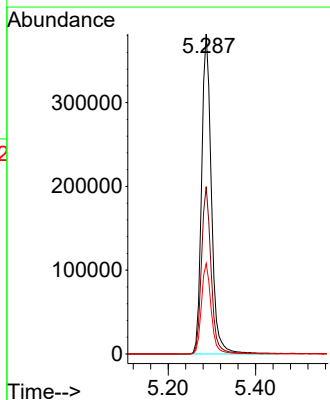
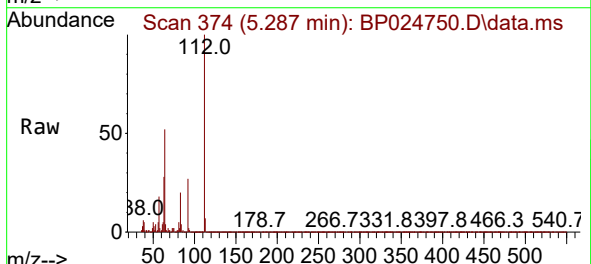
Instrument :
BNA_P
ClientSampleId :
NB-08-05202025

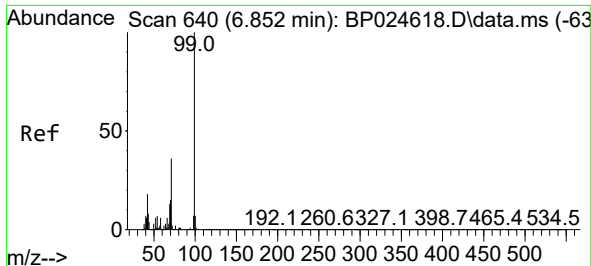
Tgt Ion:152 Resp: 117001
Ion Ratio Lower Upper
152 100
150 152.7 125.9 188.9
115 60.8 50.1 75.1



#5
2-Fluorophenol
Concen: 87.215 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

Tgt Ion:112 Resp: 596612
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 28.3 23.5 35.3

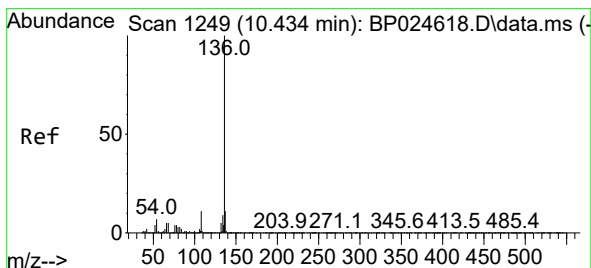
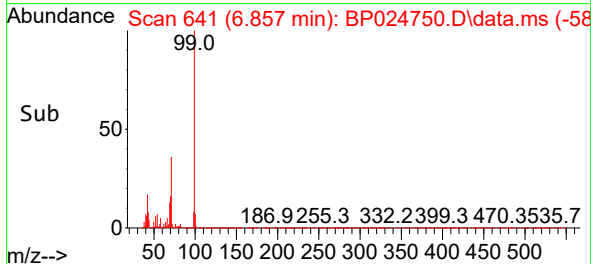
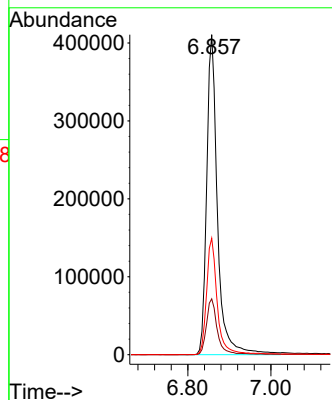
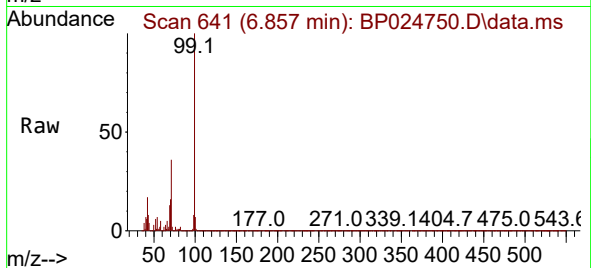




#7
Phenol-d6
Concen: 84.766 ng
RT: 6.857 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

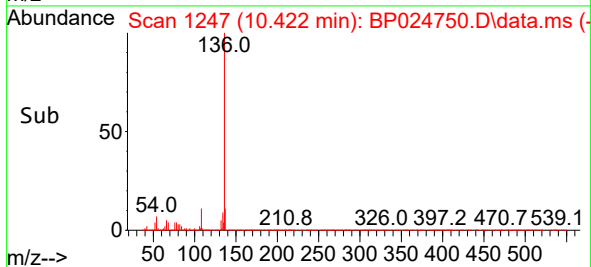
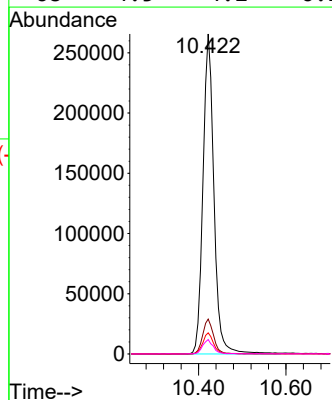
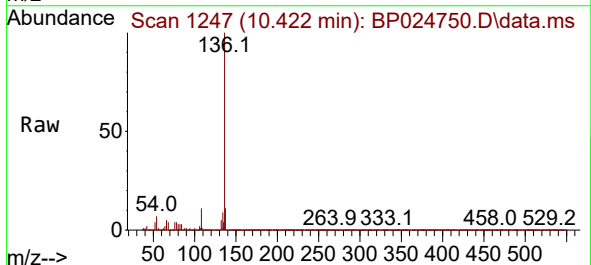
Instrument :
BNA_P
ClientSampleId :
NB-08-05202025

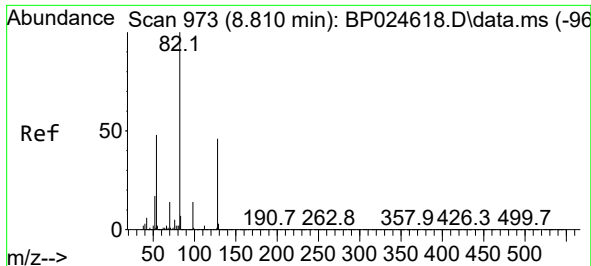
Tgt Ion: 99 Resp: 740053
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

Tgt Ion: 136 Resp: 464236
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.5 8.3
68 4.5 4.2 6.2

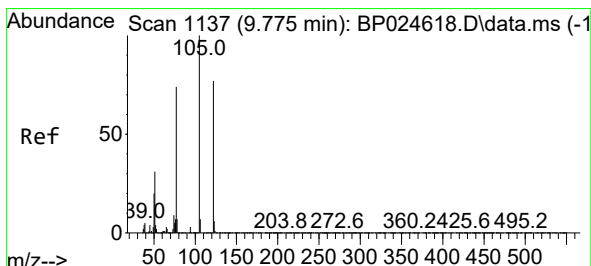
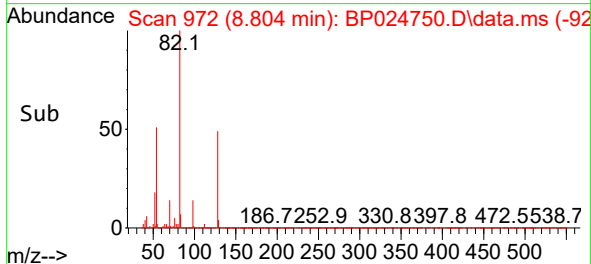
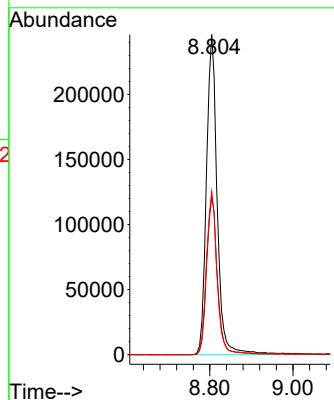
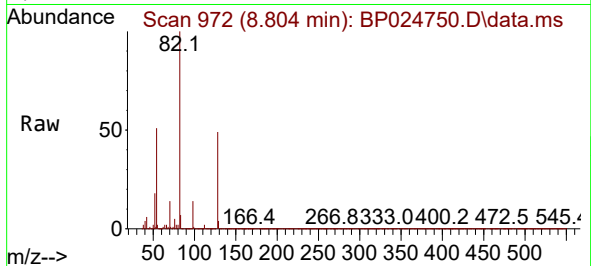




#23
Nitrobenzene-d5
Concen: 48.088 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

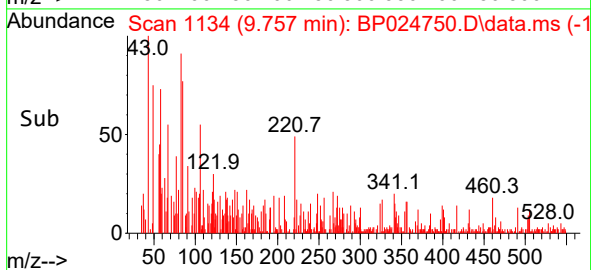
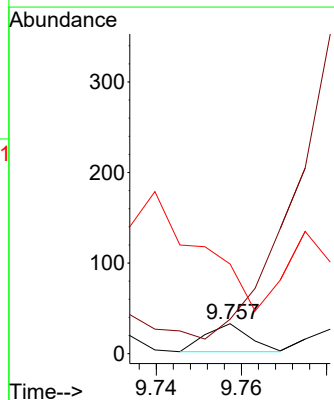
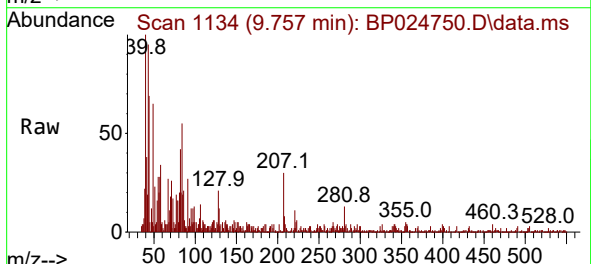
Instrument :
BNA_P
ClientSampleId :
NB-08-05202025

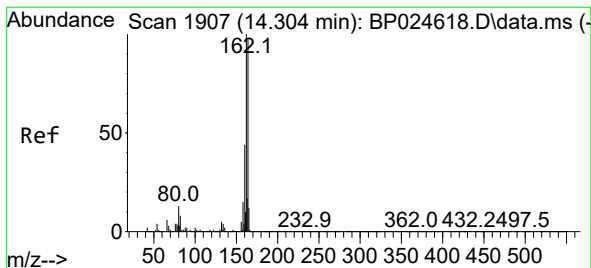
Tgt Ion: 82 Resp: 441827
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 51.1 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

Tgt Ion:122 Resp: 22
Ion Ratio Lower Upper
122 100
105 115.2 106.9 146.9
77 300.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.024 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

Instrument :

BNA_P

ClientSampleId :

NB-08-05202025

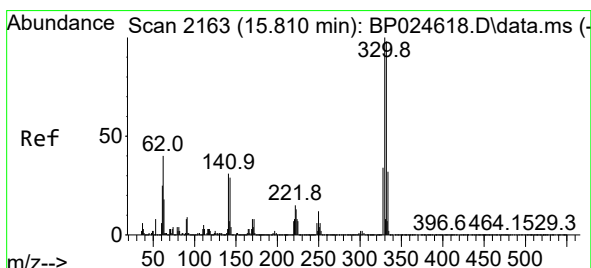
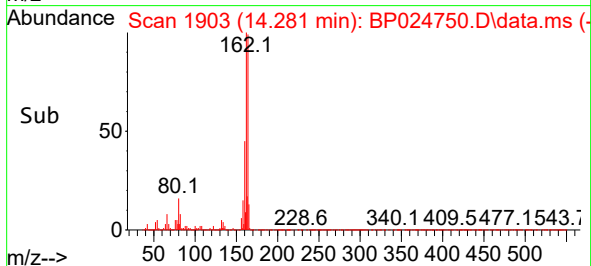
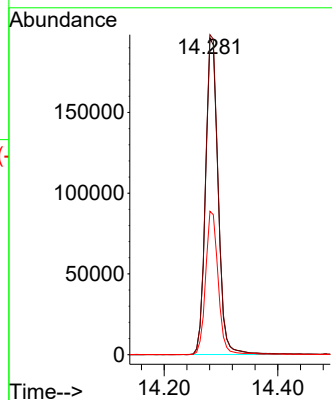
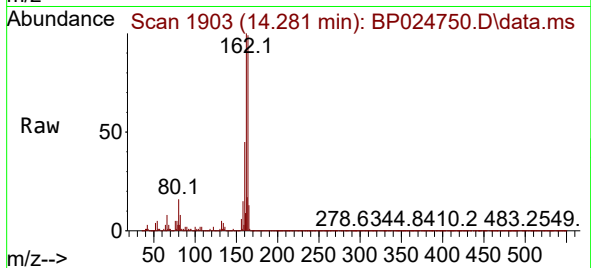
Tgt Ion:164 Resp: 300625

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 95.682 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

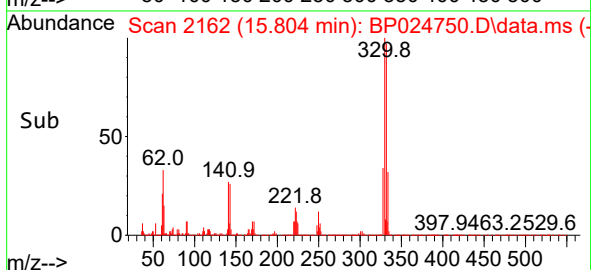
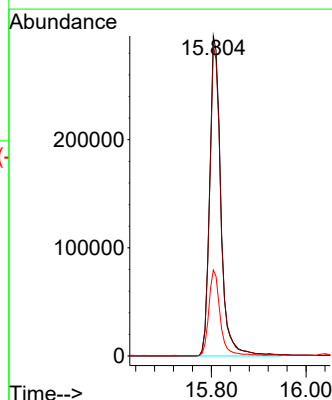
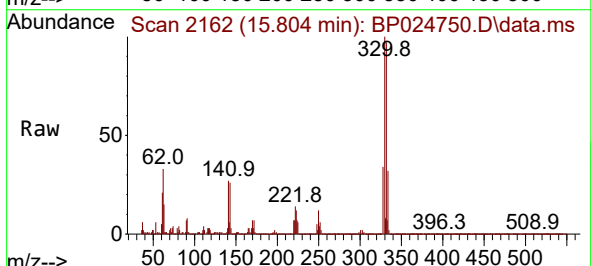
Tgt Ion:330 Resp: 487639

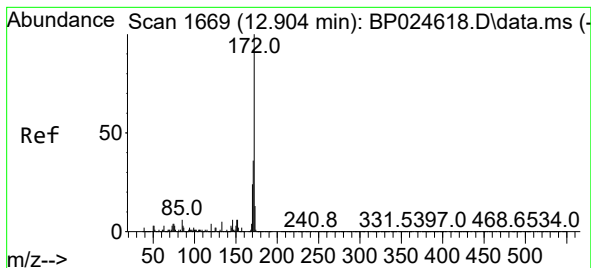
Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.4

141 26.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 53.354 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

Instrument :

BNA_P

ClientSampleId :

NB-08-05202025

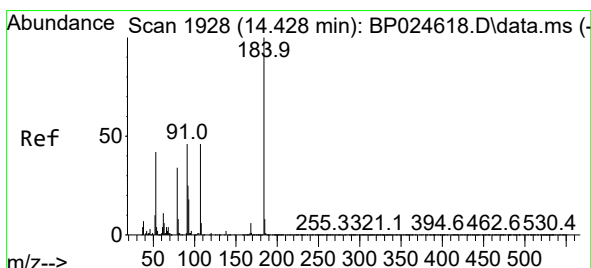
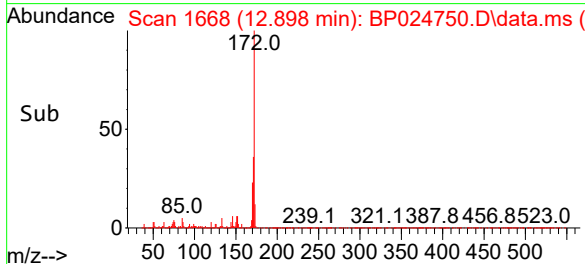
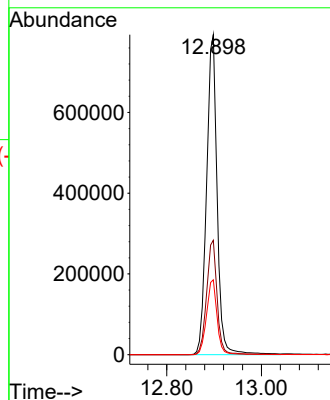
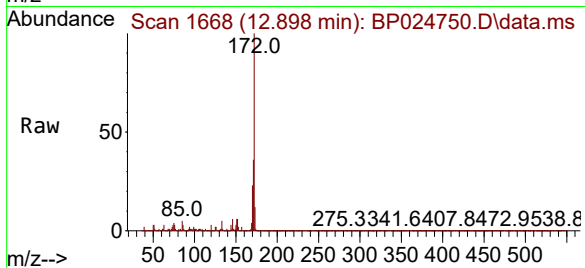
Tgt Ion:172 Resp: 1224274

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.4 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.408 ng

RT: 14.422 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

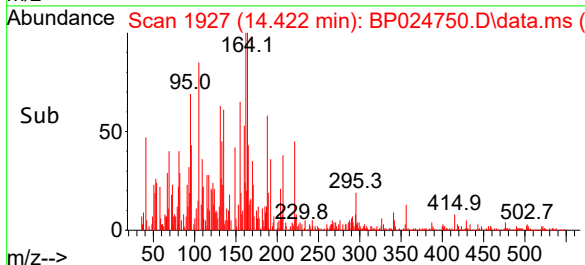
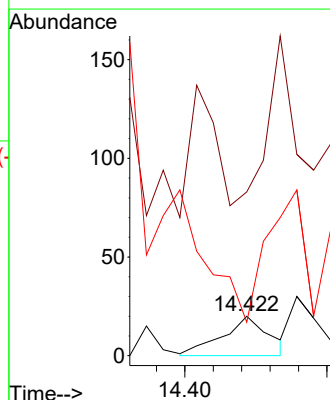
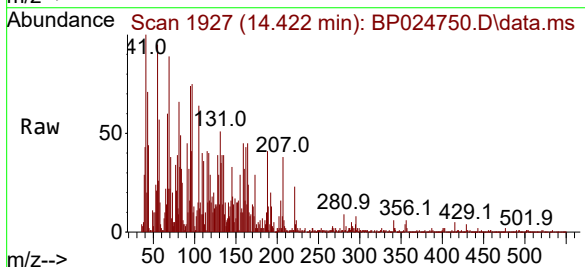
Tgt Ion:184 Resp: 23

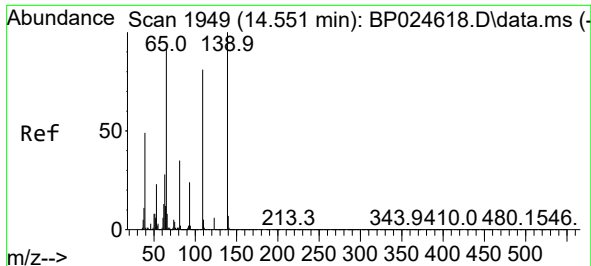
Ion Ratio Lower Upper

184 100

63 415.0 51.3 76.9#

154 85.0 53.5 80.3#

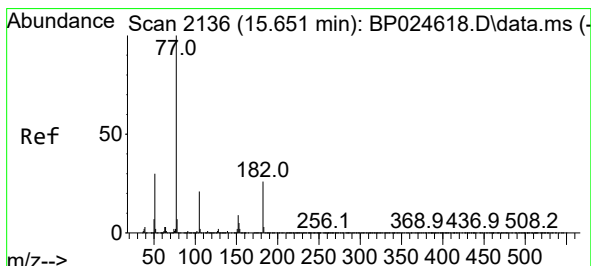
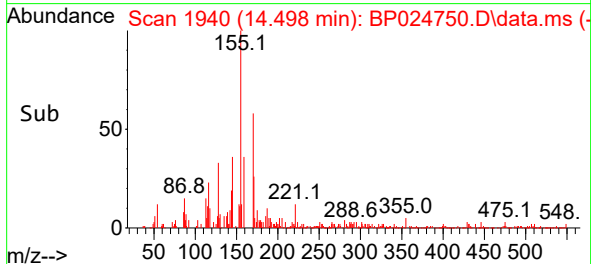
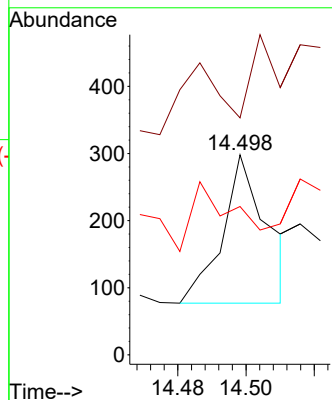
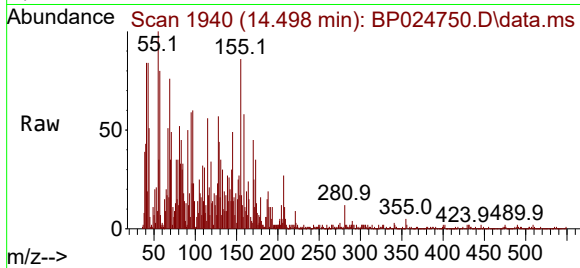




#56
4-Nitrophenol
Concen: 4.278 ng
RT: 14.498 min Scan# 1949
Delta R.T. -0.053 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

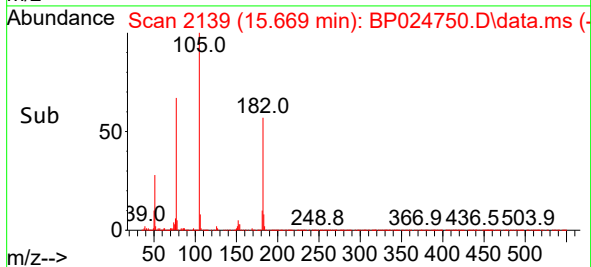
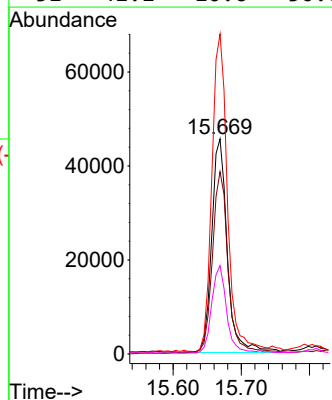
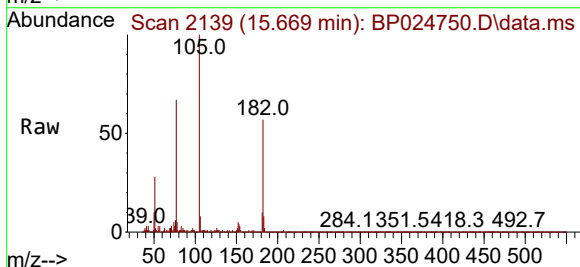
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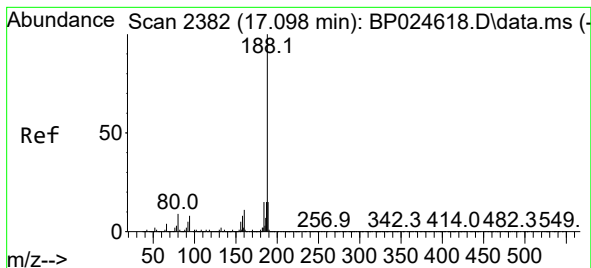
Tgt Ion:139 Resp: 200
Ion Ratio Lower Upper
139 100
109 118.5 61.4 101.4#
65 74.2 72.2 112.2



#63
Azobenzene
Concen: 3.667 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.018 min
Lab File: BP024750.D
Acq: 21 May 2025 23:40

Tgt Ion: 77 Resp: 72650
Ion Ratio Lower Upper
77 100
182 84.7 5.7 45.7#
105 148.8 1.3 41.3#
51 41.1 10.6 50.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

Instrument :

BNA_P

ClientSampleId :

NB-08-05202025

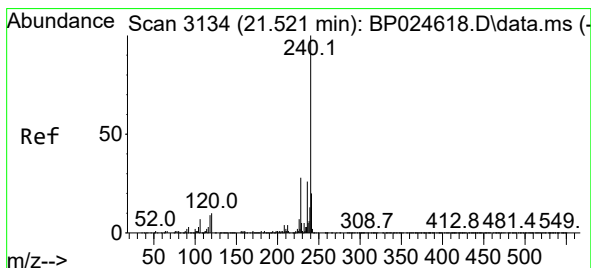
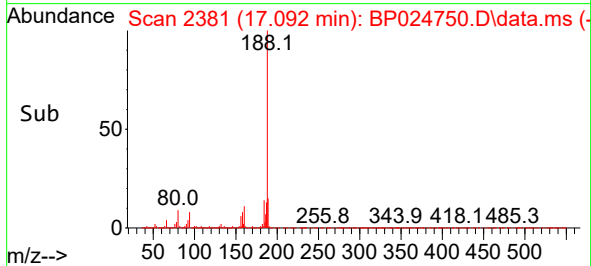
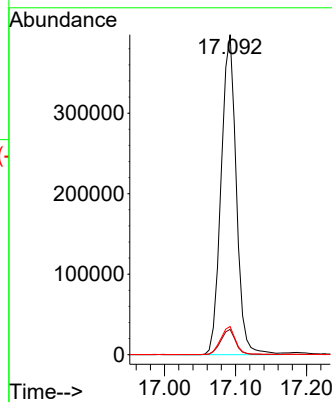
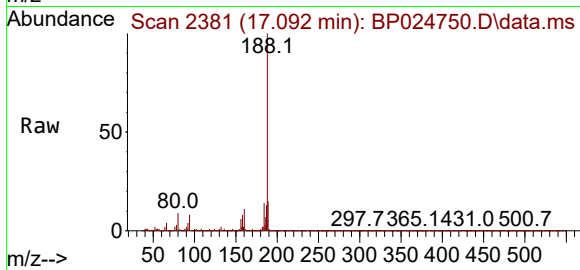
Tgt Ion:188 Resp: 586940

Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 8.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

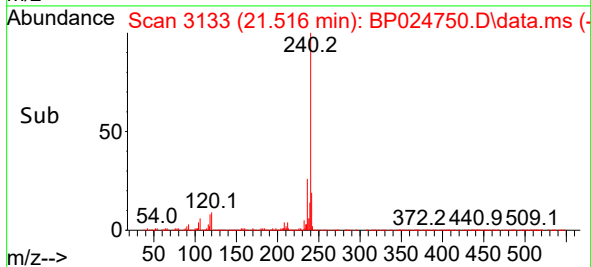
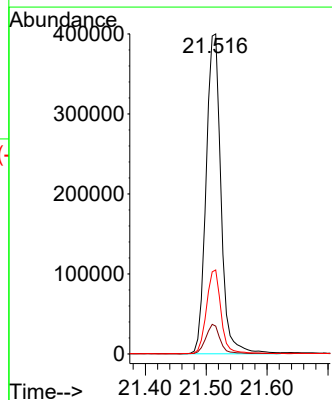
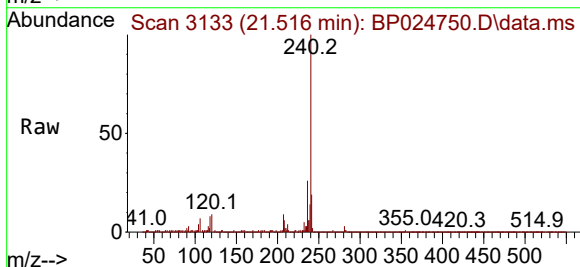
Tgt Ion:240 Resp: 677834

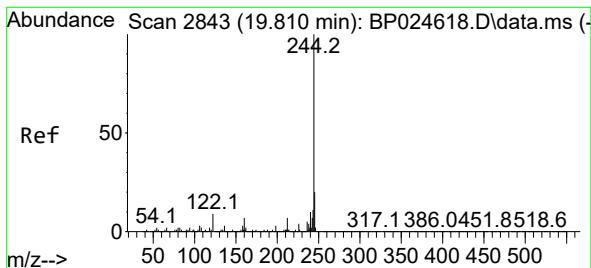
Ion Ratio Lower Upper

240 100

120 8.7 7.8 11.6

236 26.3 20.6 31.0





#79

Terphenyl-d14

Concen: 53.631 ng

RT: 19.810 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

Instrument :

BNA_P

ClientSampleId :

NB-08-05202025

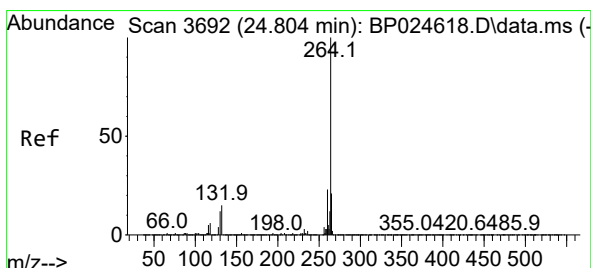
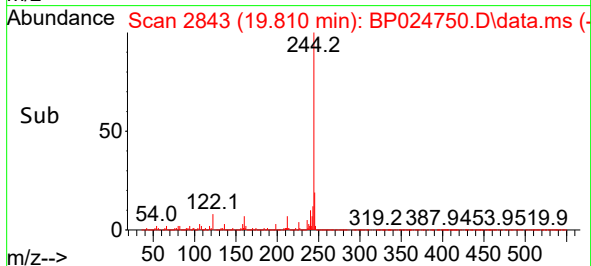
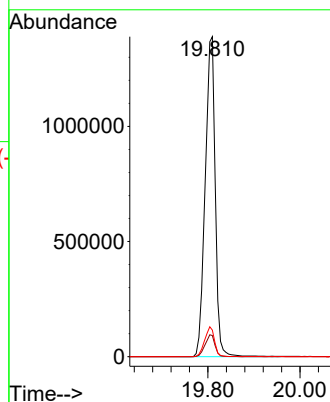
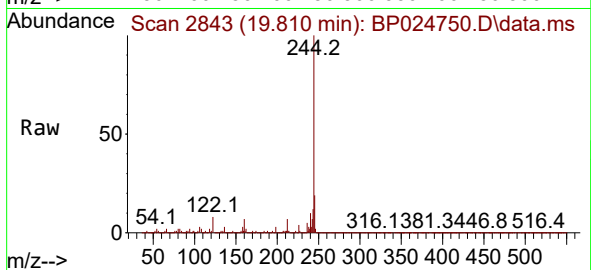
Tgt Ion:244 Resp: 2120093

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 8.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024750.D

Acq: 21 May 2025 23:40

Tgt Ion:264 Resp: 853402

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.6 17.0 25.6

