

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025371.D
 Acq On : 12 Aug 2025 18:00
 Operator : CG/JU
 Sample : Q2818-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2-5-1

Quant Time: Aug 12 18:42:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

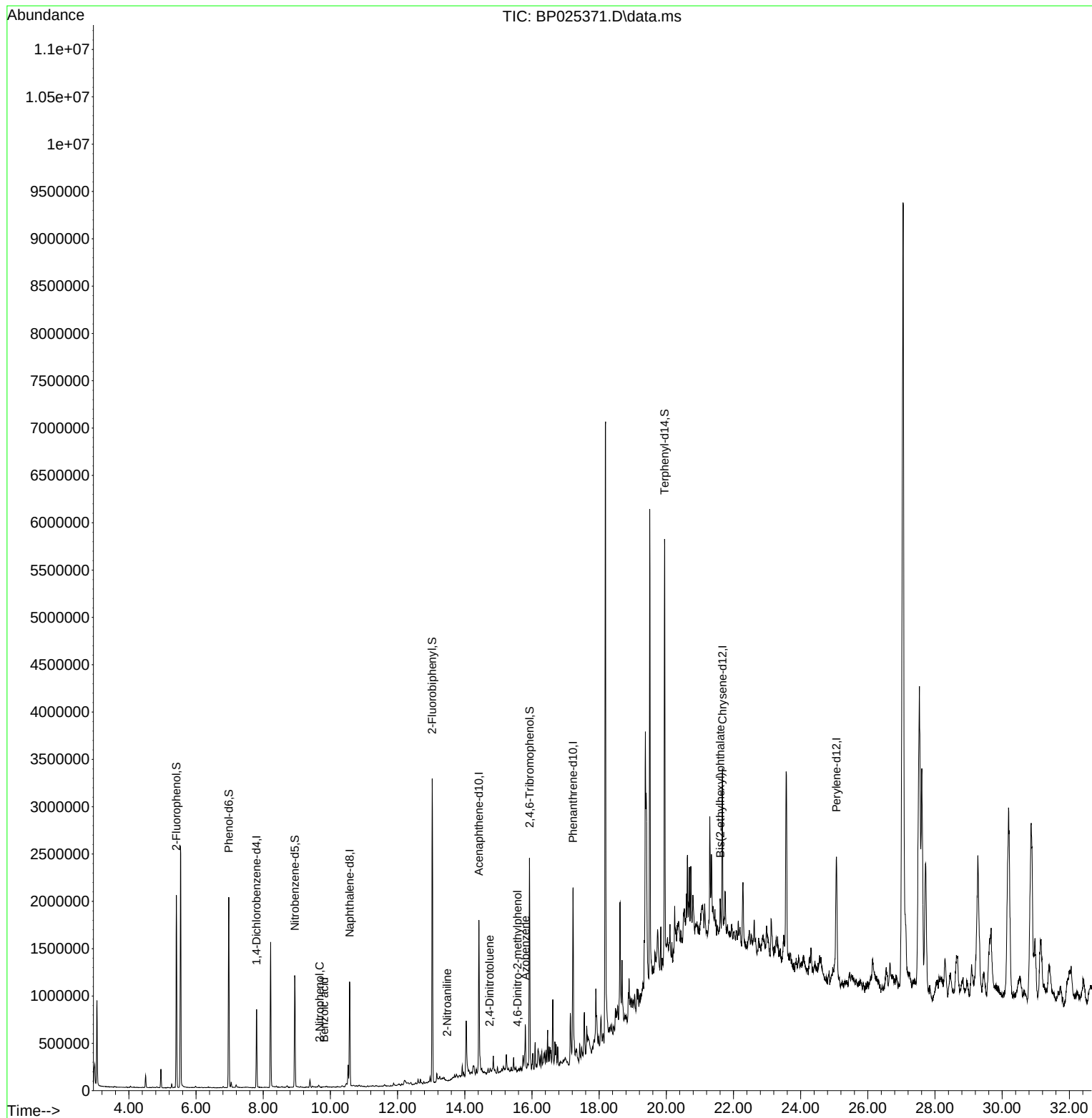
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	233793	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	927693	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	559882	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1060107	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1063641	20.000	ng	0.01
86) Perylene-d12	25.065	264	1259856	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	879489	60.504	ng	0.00
7) Phenol-d6	6.972	99	1092792	57.123	ng	0.00
23) Nitrobenzene-d5	8.937	82	703214	41.995	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	446866	80.005	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	1698518	41.902	ng	0.00
79) Terphenyl-d14	19.948	244	2231569	39.628	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.678	139	64	3.647	ng	# 1
32) Benzoic acid	9.813	122	3191	6.371	ng	# 78
48) 2-Nitroaniline	13.478	65	298	2.994	ng	# 54
57) 2,4-Dinitrotoluene	14.742	165	368	3.284	ng	# 84
63) Azobenzene	15.801	77	111261	2.911	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.566	198	524	4.968	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.607	149	175202	3.825	ng	98

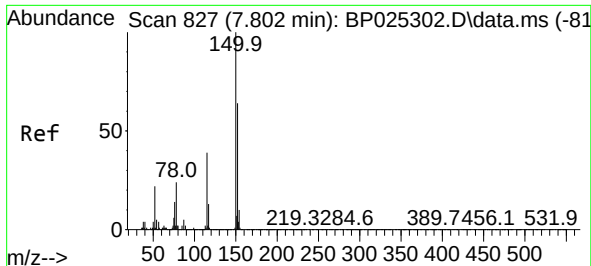
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025371.D
Acq On : 12 Aug 2025 18:00
Operator : CG/JU
Sample : Q2818-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Quant Time: Aug 12 18:42:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

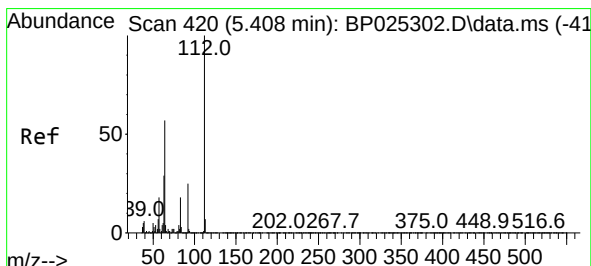
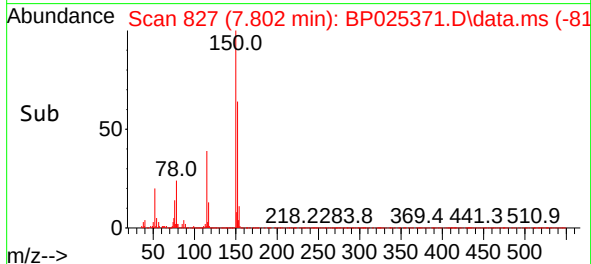
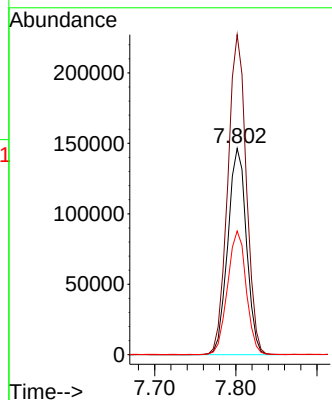
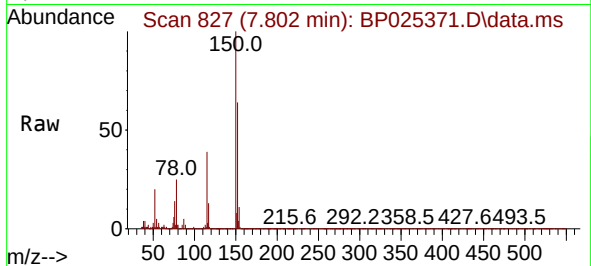




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025371.D
 Acq: 12 Aug 2025 18:00

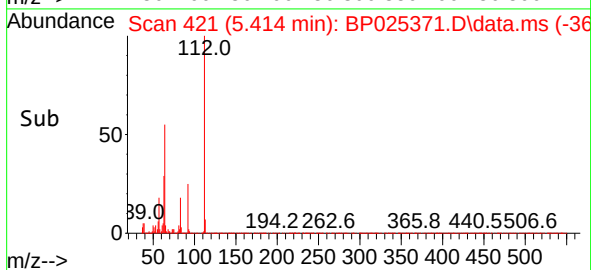
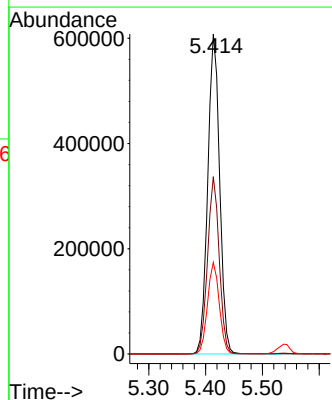
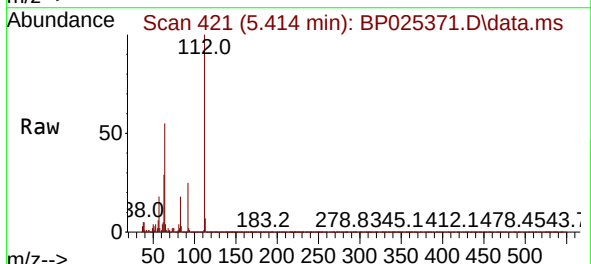
Instrument :
 BNA_P
 ClientSampleId :
 B-2-5-1

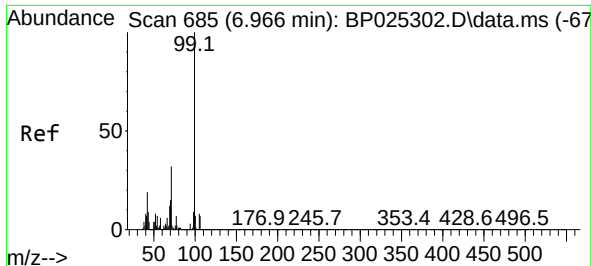
Tgt Ion:152 Resp: 233793
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.1 187.7
 115 60.0 48.4 72.6



#5
 2-Fluorophenol
 Concen: 60.504 ng
 RT: 5.414 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: BP025371.D
 Acq: 12 Aug 2025 18:00

Tgt Ion:112 Resp: 879489
 Ion Ratio Lower Upper
 112 100
 64 55.4 45.3 67.9
 63 28.6 23.0 34.6



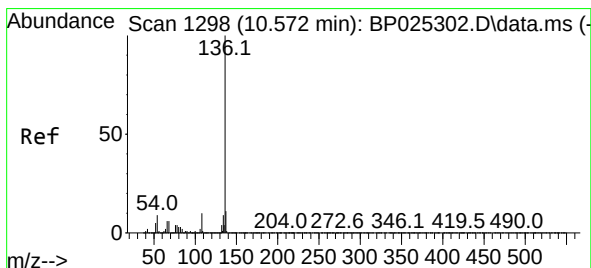
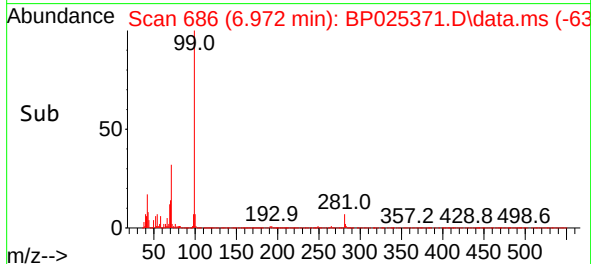
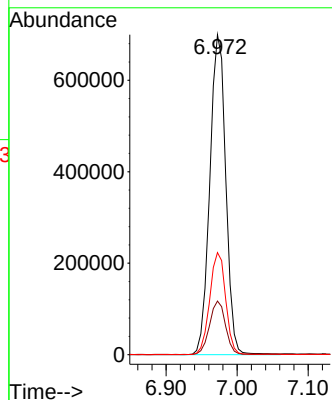
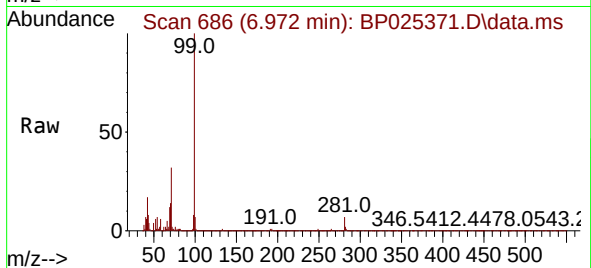


#7
Phenol-d6
Concen: 57.123 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Instrument :
BNA_P
ClientSampleId :
B-2-5-1

Tgt Ion: 99 Resp: 1092792

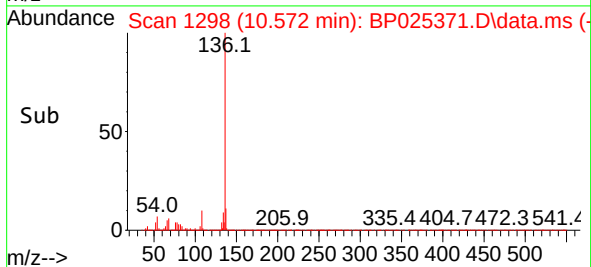
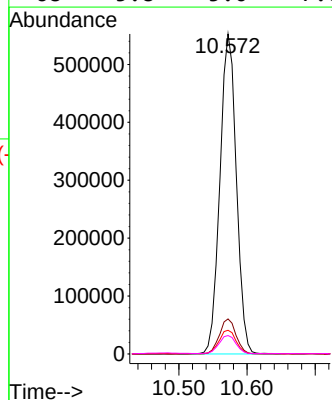
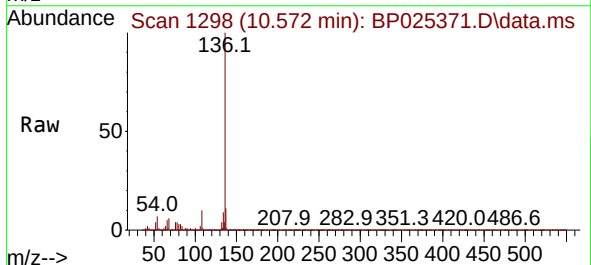
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.6
71	31.9	25.5	38.3

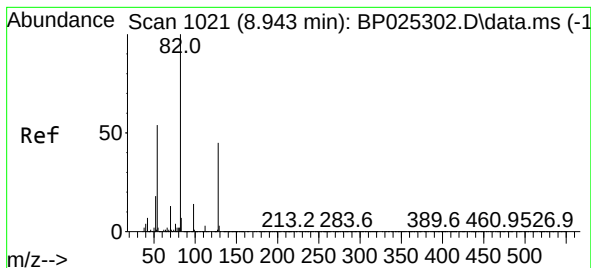


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion: 136 Resp: 927693

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	7.0	10.6
68	5.8	5.0	7.6





#23

Nitrobenzene-d5

Concen: 41.995 ng

RT: 8.937 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025371.D

Acq: 12 Aug 2025 18:00

Instrument :

BNA_P

ClientSampleId :

B-2-5-1

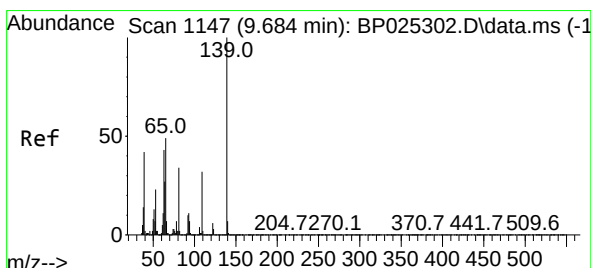
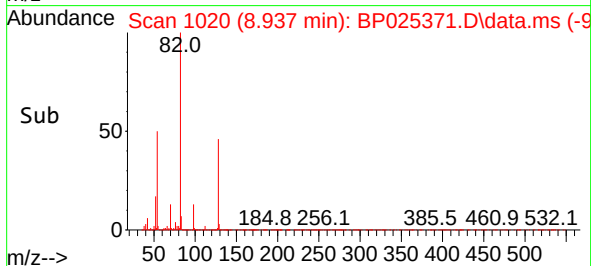
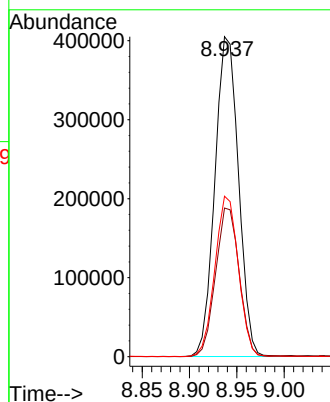
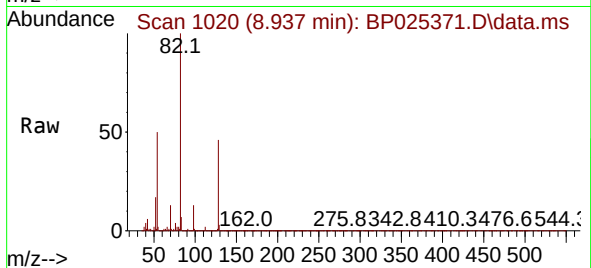
Tgt Ion: 82 Resp: 703214

Ion Ratio Lower Upper

82 100

128 46.4 35.4 53.2

54 50.2 42.9 64.3



#26

2-Nitrophenol

Concen: 3.647 ng

RT: 9.678 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BP025371.D

Acq: 12 Aug 2025 18:00

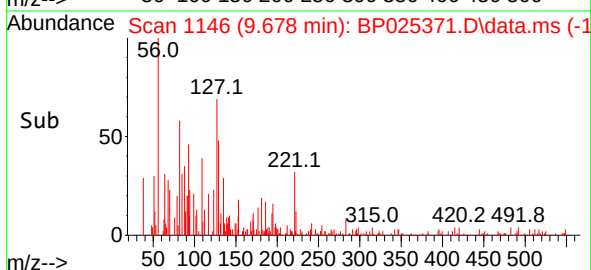
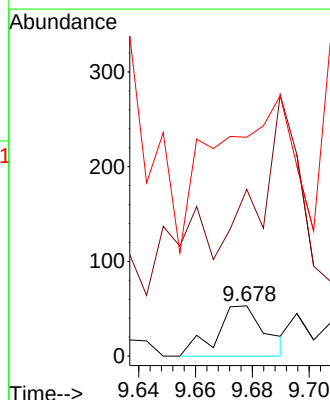
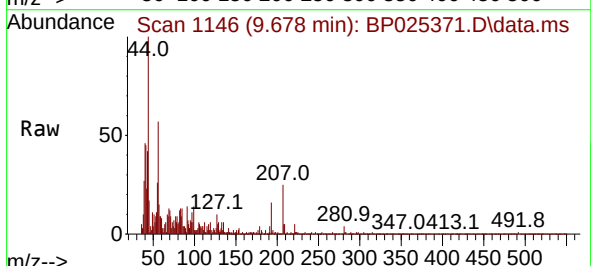
Tgt Ion:139 Resp: 64

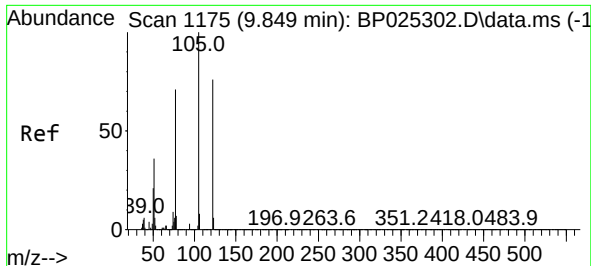
Ion Ratio Lower Upper

139 100

109 332.1 25.2 37.8#

65 435.8 39.6 59.4#

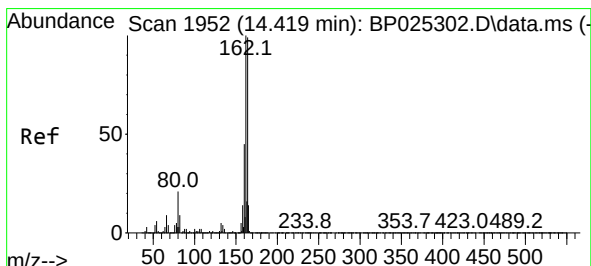
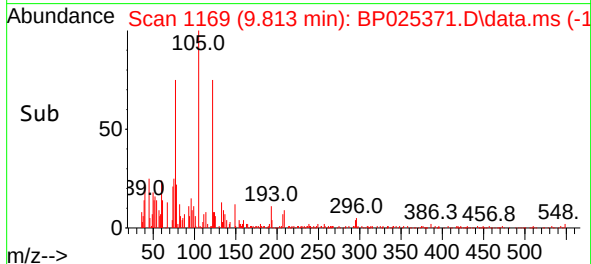
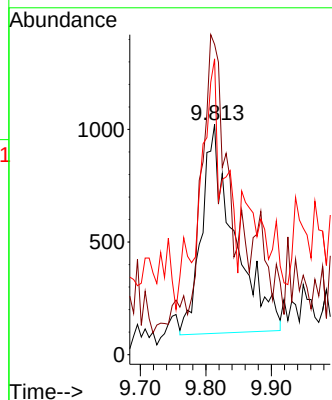
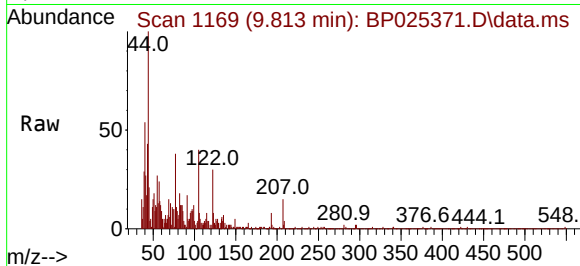




#32
Benzoic acid
Concen: 6.371 ng
RT: 9.813 min Scan# 1169
Delta R.T. -0.036 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

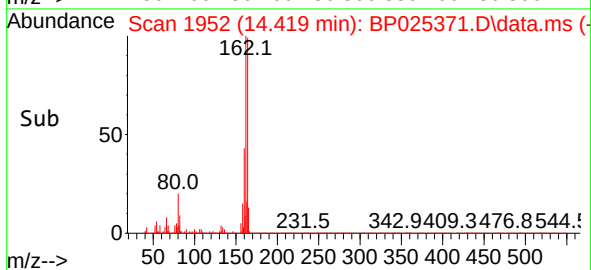
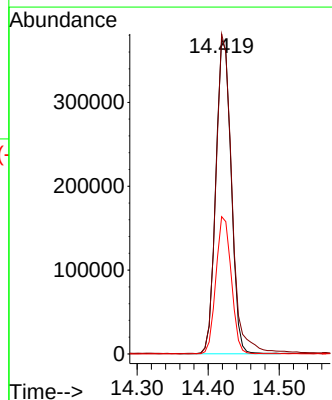
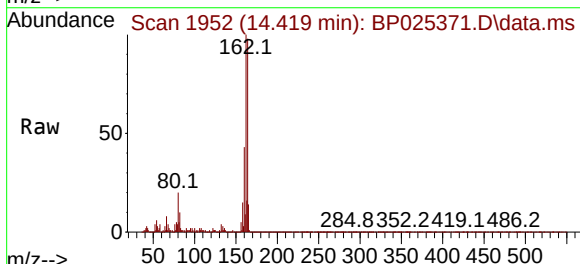
Instrument :
BNA_P
ClientSampleId :
B-2-5-1

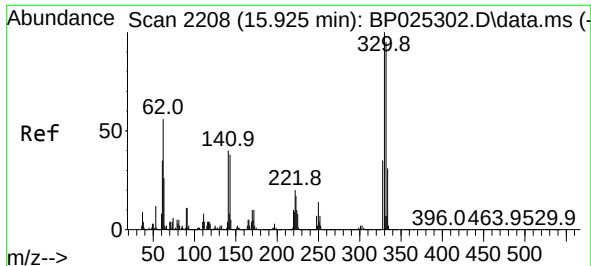
Tgt Ion:122 Resp: 3191
Ion Ratio Lower Upper
122 100
105 134.8 104.0 144.0
77 128.6 71.8 111.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:164 Resp: 559882
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 43.6 35.9 53.9

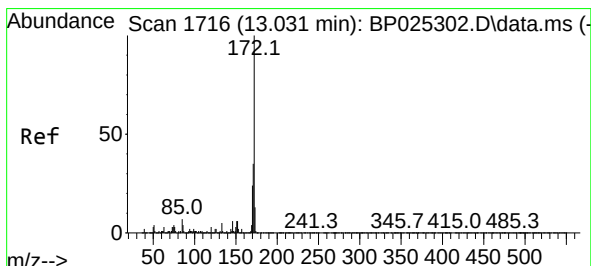
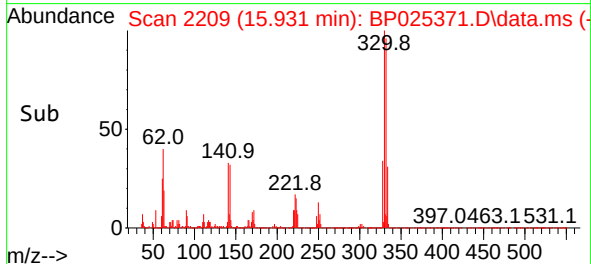
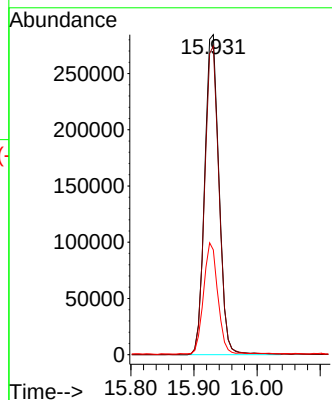
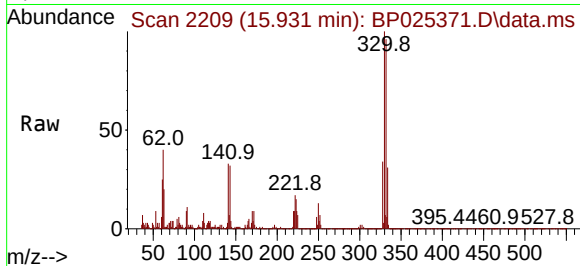




#42
2,4,6-Tribromophenol
Concen: 80.005 ng
RT: 15.931 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

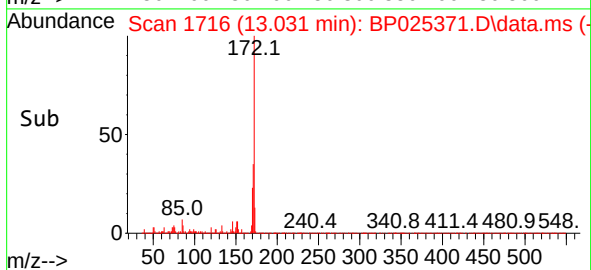
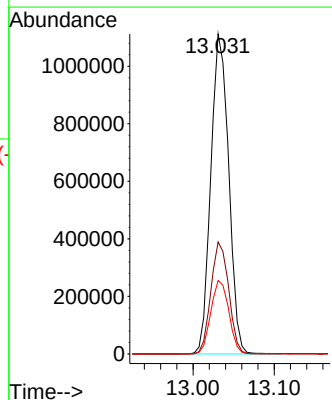
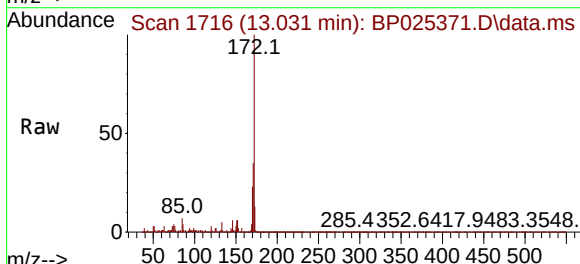
Instrument :
BNA_P
ClientSampleId :
B-2-5-1

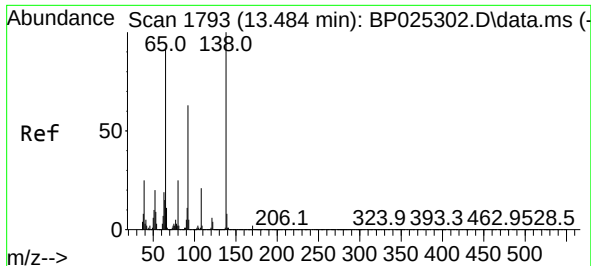
Tgt Ion: 330 Resp: 446866
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 34.6 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 41.902 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion: 172 Resp: 1698518
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.0 18.9 28.3

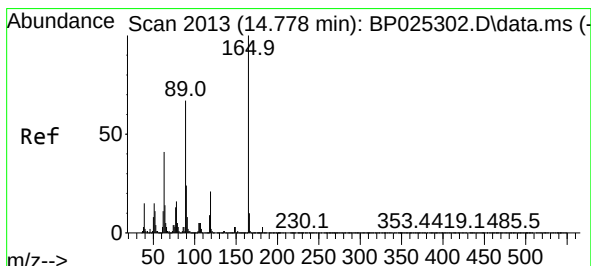
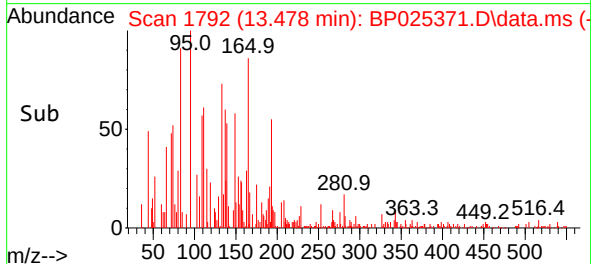
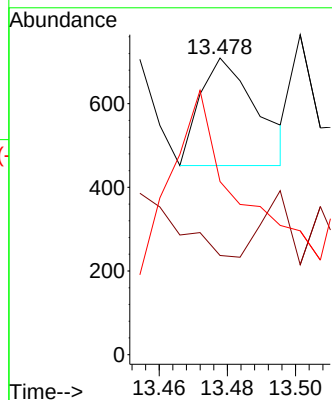
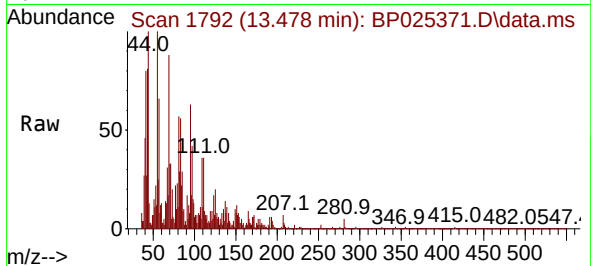




#48
2-Nitroaniline
Concen: 2.994 ng
RT: 13.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

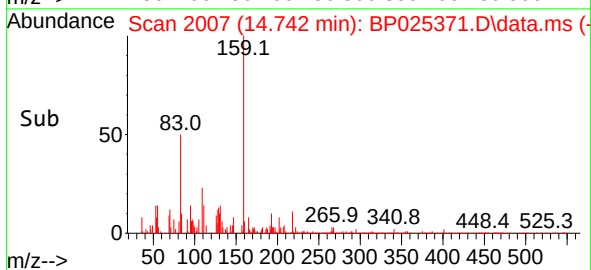
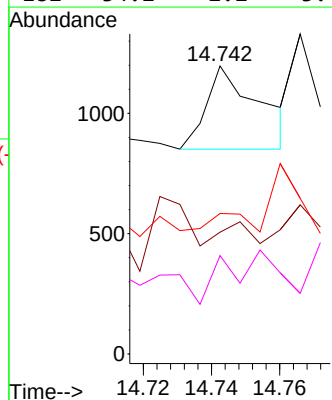
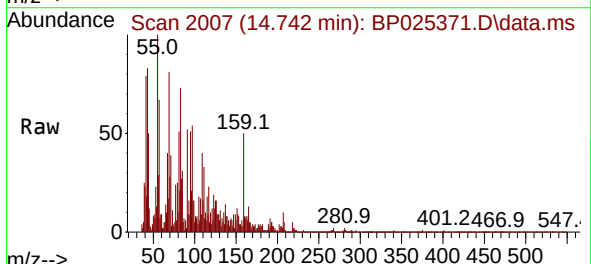
Instrument :
BNA_P
ClientSampleId :
B-2-5-1

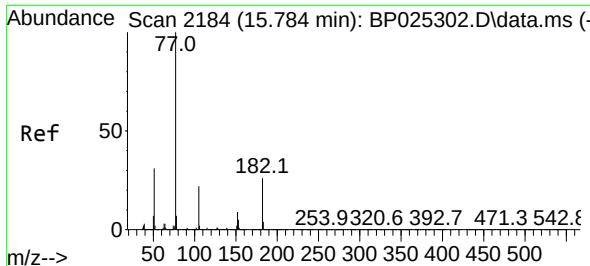
Tgt Ion: 65 Resp: 298
Ion Ratio Lower Upper
65 100
92 33.4 54.4 81.6#
138 58.4 87.0 130.4#



#57
2,4-Dinitrotoluene
Concen: 3.284 ng
RT: 14.742 min Scan# 2007
Delta R.T. -0.036 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion: 165 Resp: 368
Ion Ratio Lower Upper
165 100
63 42.3 33.2 49.8
89 48.8 53.5 80.3#
182 34.2 2.2 3.4#

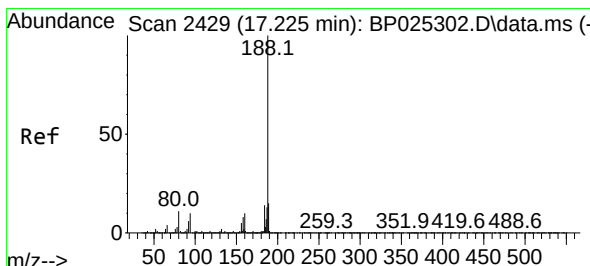
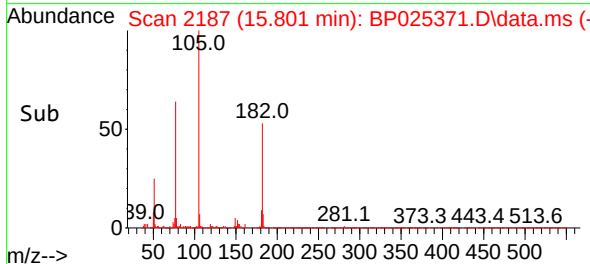
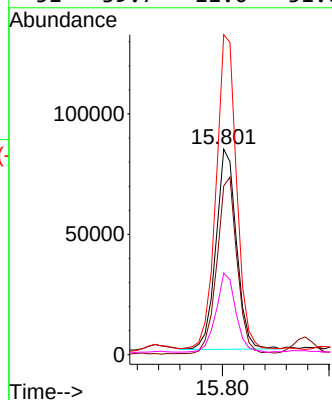
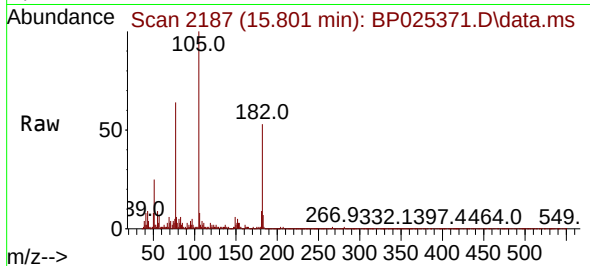




#63
Azobenzene
Concen: 2.911 ng
RT: 15.801 min Scan# 2184
Delta R.T. 0.017 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

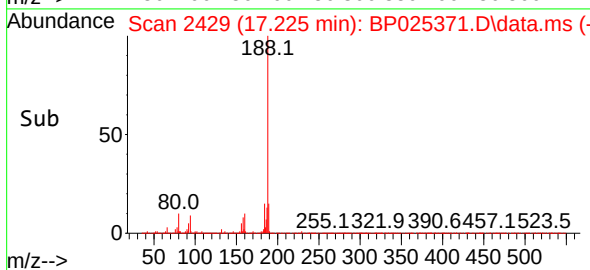
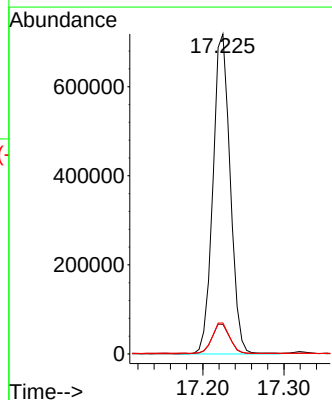
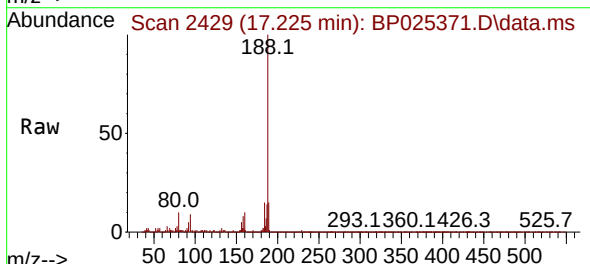
Instrument :
BNA_P
ClientSampleId :
B-2-5-1

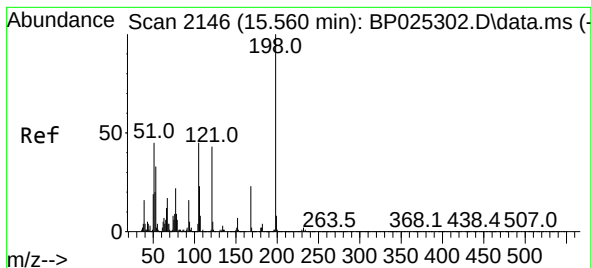
Tgt Ion: 77 Resp: 111261
Ion Ratio Lower Upper
77 100
182 82.0 6.0 46.0#
105 155.7 2.1 42.1#
51 39.7 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:188 Resp: 1060107
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.7 8.5 12.7

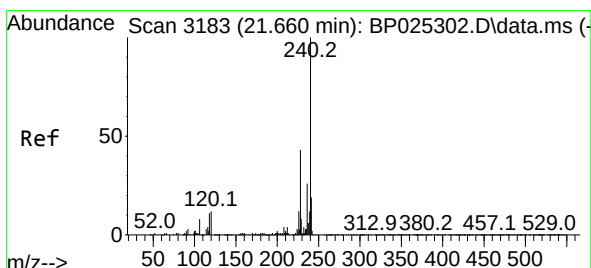
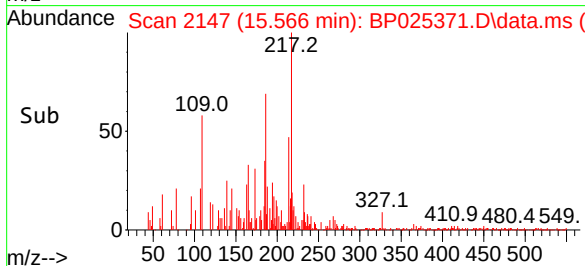
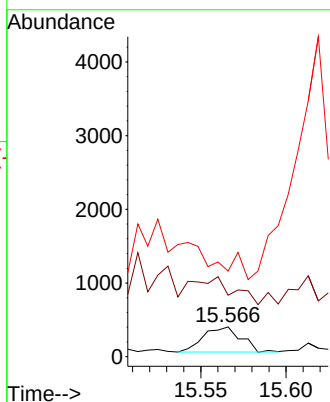
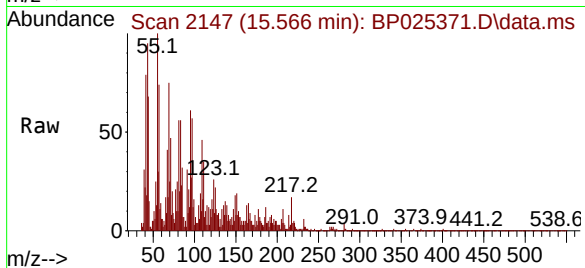




#65
4,6-Dinitro-2-methylphenol
Concen: 4.968 ng
RT: 15.566 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

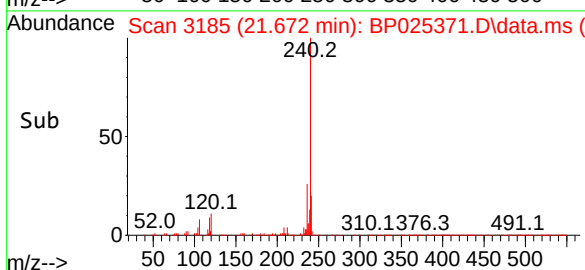
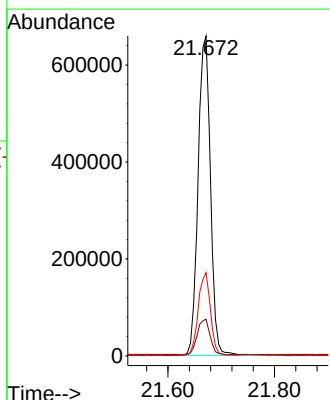
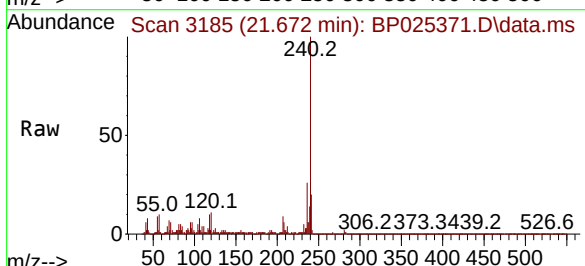
Instrument :
BNA_P
ClientSampleId :
B-2-5-1

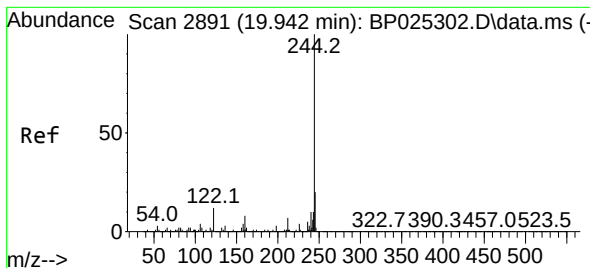
Tgt Ion:198 Resp: 524
Ion Ratio Lower Upper
198 100
51 206.4 26.7 66.7#
105 287.9 25.6 65.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025371.D
Acq: 12 Aug 2025 18:00

Tgt Ion:240 Resp: 1063641
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 26.1 20.4 30.6





#79

Terphenyl-d14

Concen: 39.628 ng

RT: 19.948 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025371.D

Acq: 12 Aug 2025 18:00

Instrument :

BNA_P

ClientSampleId :

B-2-5-1

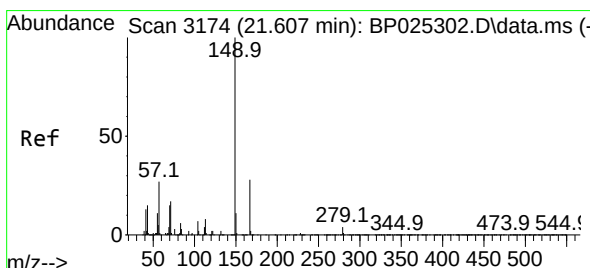
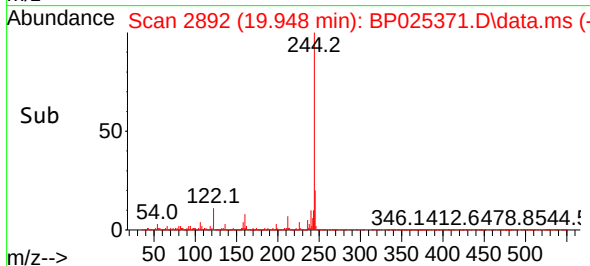
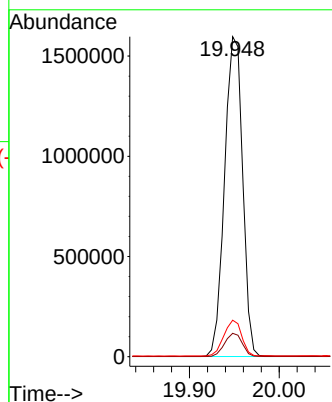
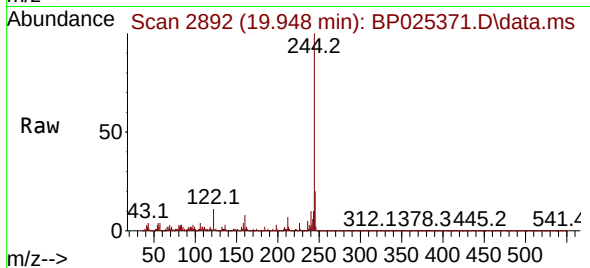
Tgt Ion:244 Resp: 2231569

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.4 9.5 14.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.825 ng

RT: 21.607 min Scan# 3174

Delta R.T. -0.000 min

Lab File: BP025371.D

Acq: 12 Aug 2025 18:00

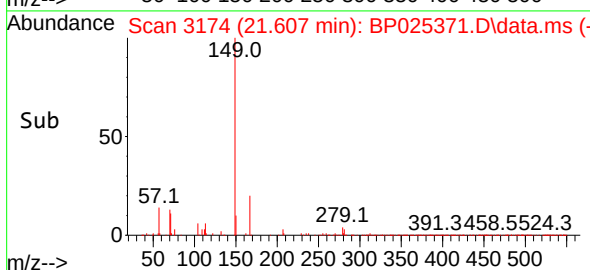
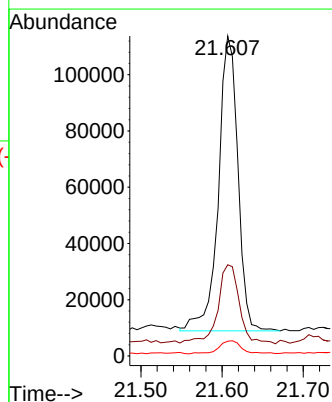
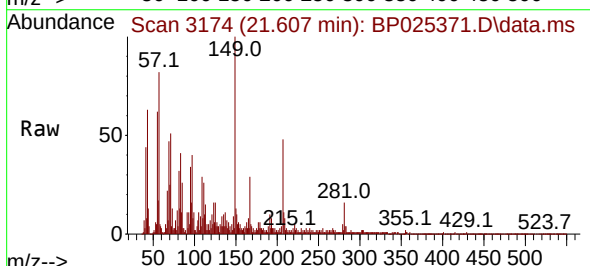
Tgt Ion:149 Resp: 175202

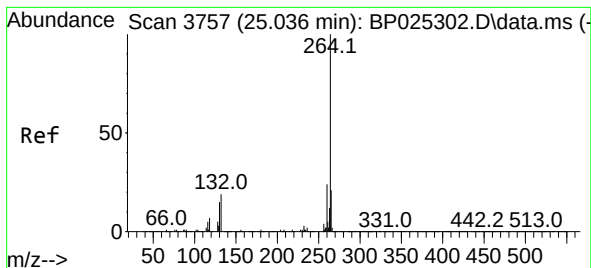
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 4.6 3.4 5.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.065 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP025371.D

Acq: 12 Aug 2025 18:00

Instrument :

BNA_P

ClientSampleId :

B-2-5-1

Tgt Ion:264 Resp: 1259856

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 17.1 25.7

