

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
 Data File : BP025381.D
 Acq On : 13 Aug 2025 12:41
 Operator : CG/JU
 Sample : Q2820-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 518R-E

Quant Time: Aug 13 13:00:24 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)

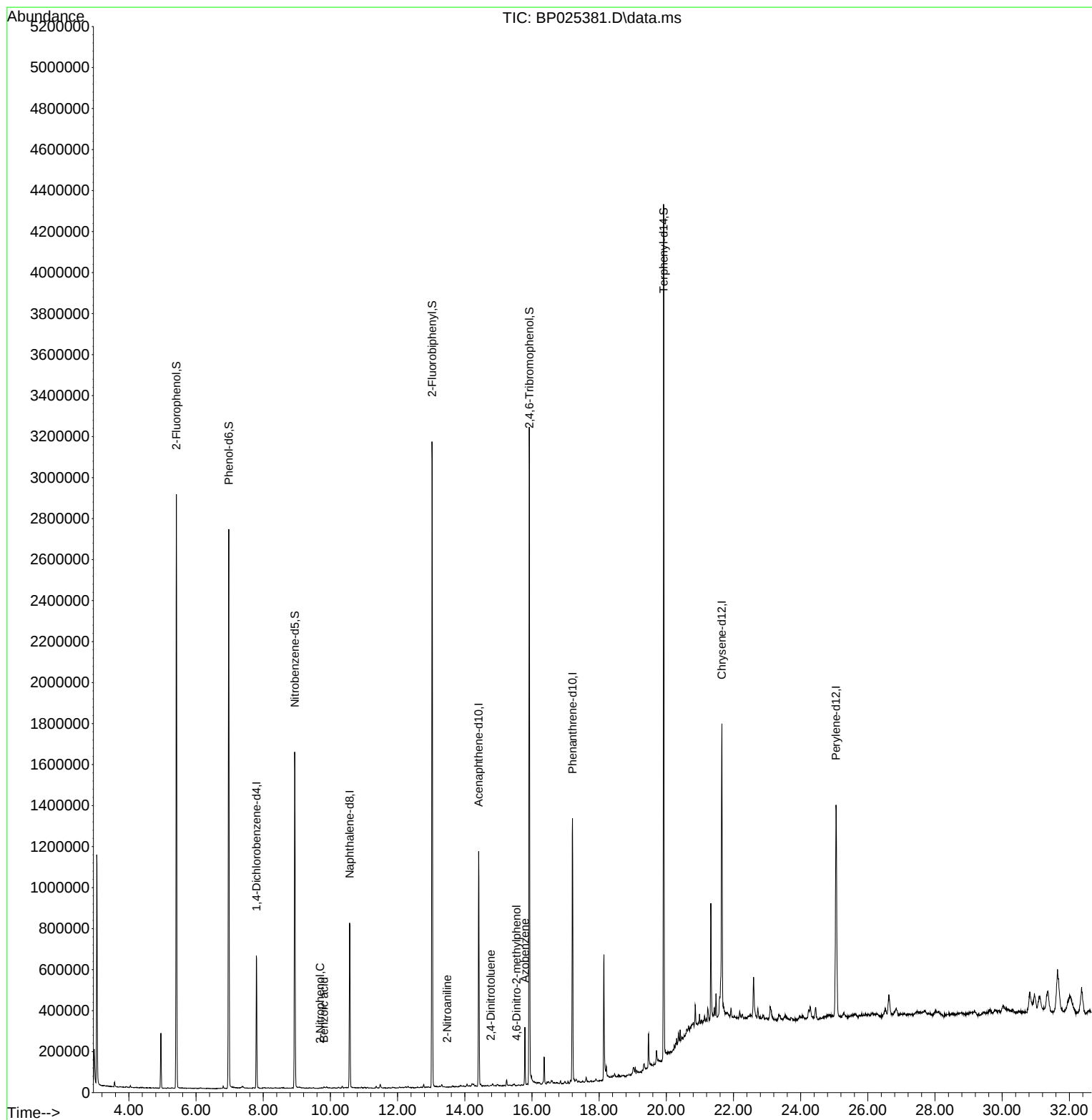
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	174858	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	681358	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	417011	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	828990	20.000	ng	-0.02
76) Chrysene-d12	21.654	240	887231	20.000	ng	0.00
86) Perylene-d12	25.054	264	1030586	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	1275397	117.312	ng	0.00
7) Phenol-d6	6.972	99	1576356	110.172	ng	0.00
23) Nitrobenzene-d5	8.937	82	966402	78.578	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	638623	153.509	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	1683613	55.764	ng	0.00
79) Terphenyl-d14	19.919	244	2147818	45.724	ng	-0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.690	139	330	3.698	ng	# 35
32) Benzoic acid	9.807	122	3291	6.539	ng	98
48) 2-Nitroaniline	13.478	65	477	3.029	ng	# 65
57) 2,4-Dinitrotoluene	14.772	165	1736	3.441	ng	# 91
63) Azobenzene	15.789	77	72130	2.533	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.542	198	333	4.943	ng	# 1

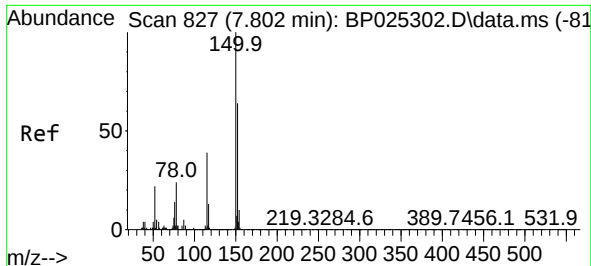
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025381.D
Acq On : 13 Aug 2025 12:41
Operator : CG/JU
Sample : Q2820-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
518R-E

Quant Time: Aug 13 13:00:24 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

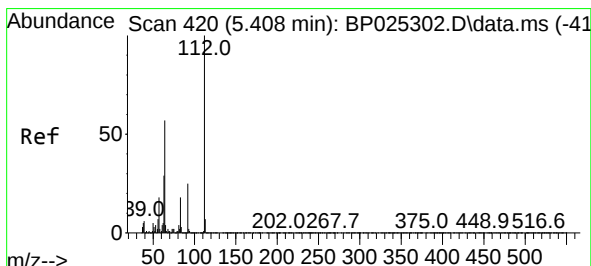
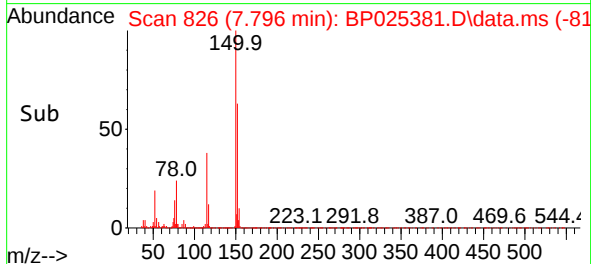
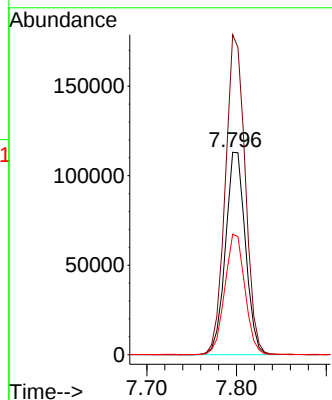
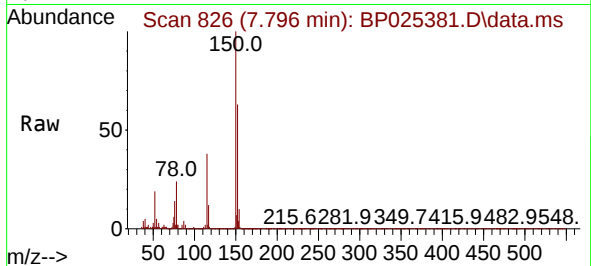




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

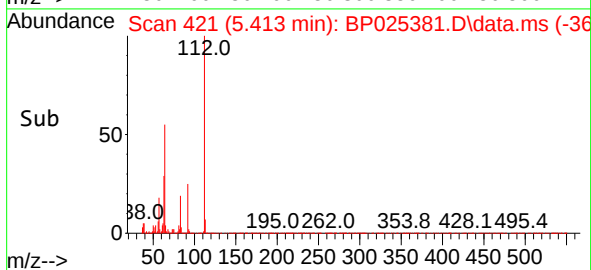
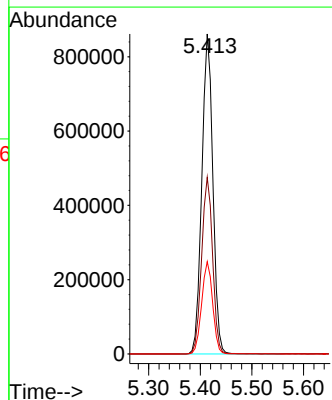
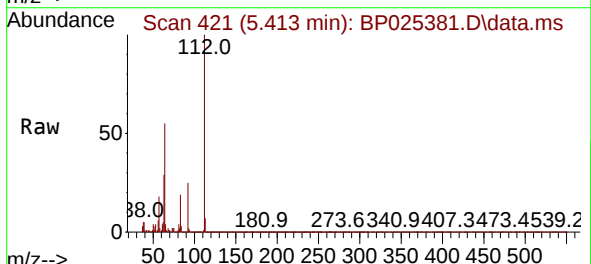
Instrument :
BNA_P
ClientSampleId :
518R-E

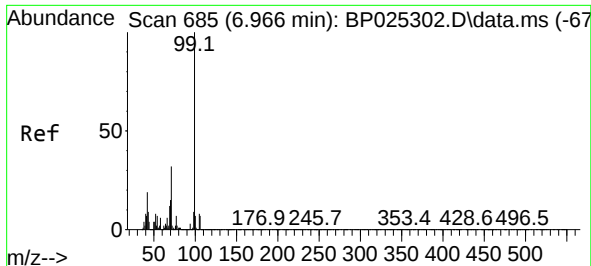
Tgt Ion:152 Resp: 174858
Ion Ratio Lower Upper
152 100
150 158.1 125.1 187.7
115 59.5 48.4 72.6



#5
2-Fluorophenol
Concen: 117.312 ng
RT: 5.413 min Scan# 421
Delta R.T. 0.005 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion:112 Resp: 1275397
Ion Ratio Lower Upper
112 100
64 55.2 45.3 67.9
63 28.9 23.0 34.6

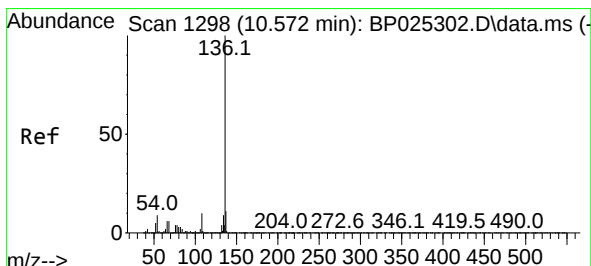
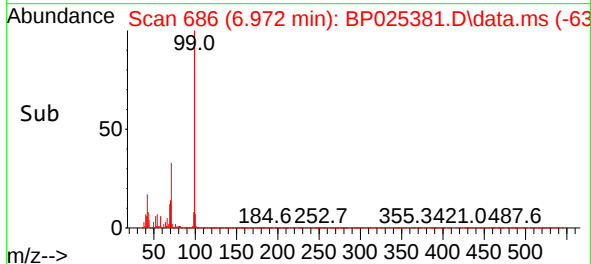
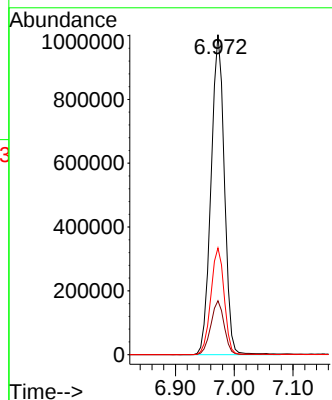
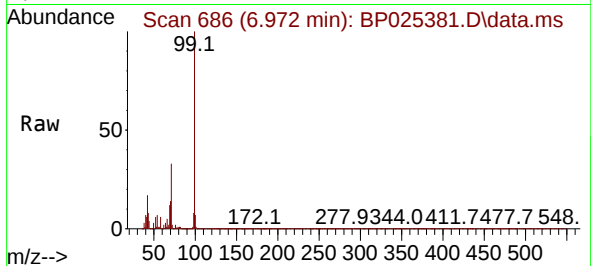




#7
Phenol-d6
Concen: 110.172 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

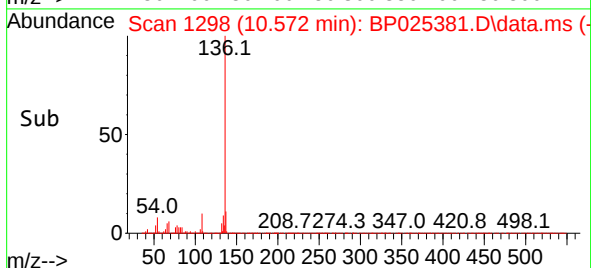
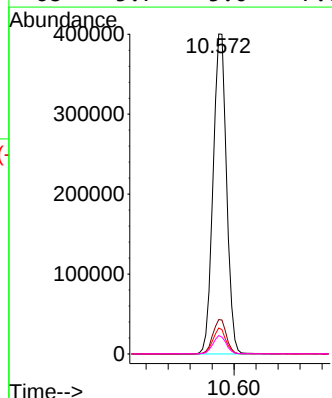
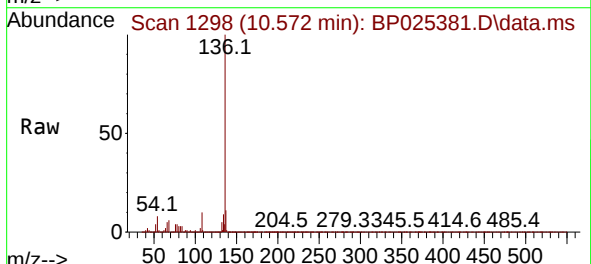
Instrument :
BNA_P
ClientSampleId :
518R-E

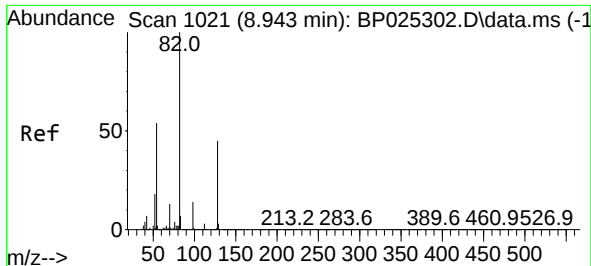
Tgt Ion: 99 Resp: 1576356
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.6
71 33.3 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion: 136 Resp: 681358
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 7.0 10.6
68 5.7 5.0 7.6

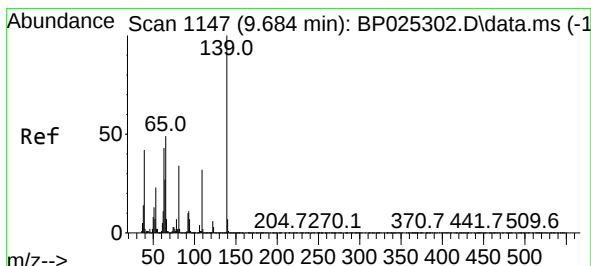
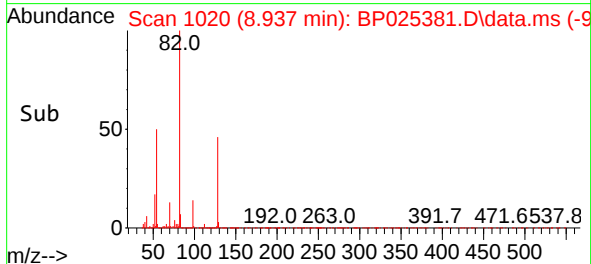
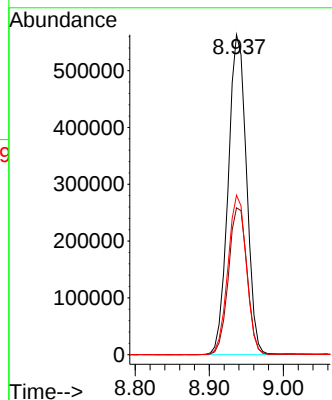
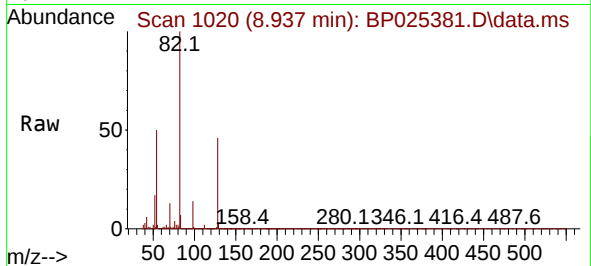




#23
Nitrobenzene-d5
Concen: 78.578 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

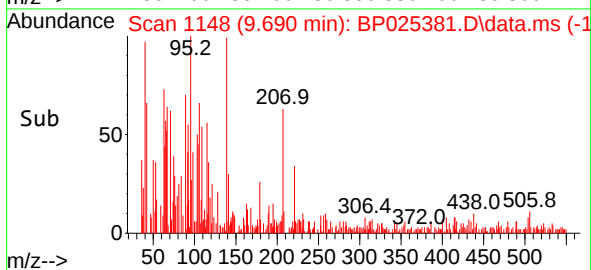
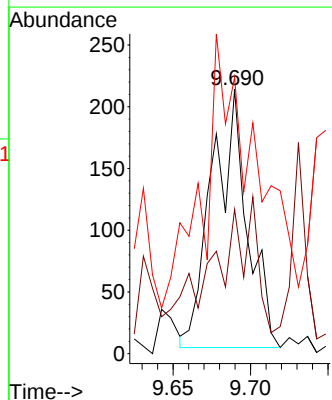
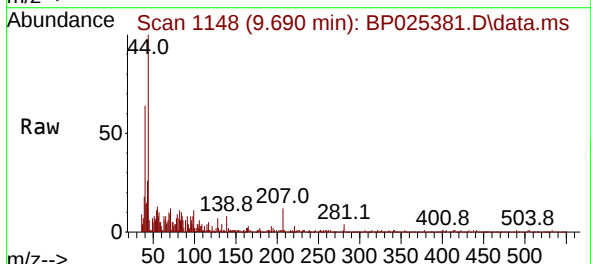
Instrument :
BNA_P
ClientSampleId :
518R-E

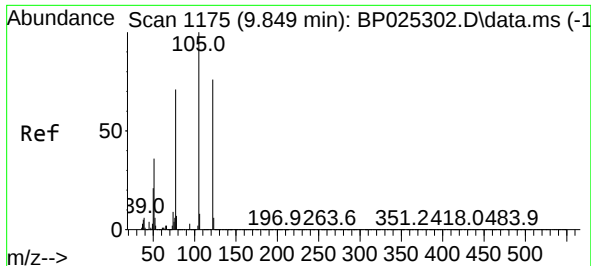
Tgt Ion: 82 Resp: 966402
Ion Ratio Lower Upper
82 100
128 45.9 35.4 53.2
54 49.9 42.9 64.3



#26
2-Nitrophenol
Concen: 3.698 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion: 139 Resp: 330
Ion Ratio Lower Upper
139 100
109 54.7 25.2 37.8#
65 104.7 39.6 59.4#

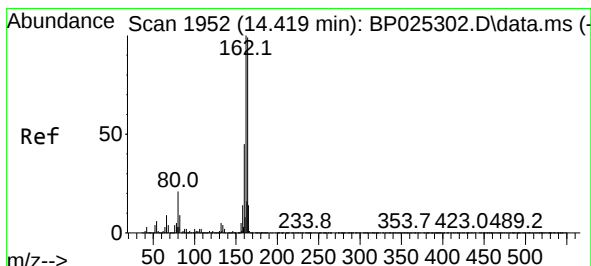
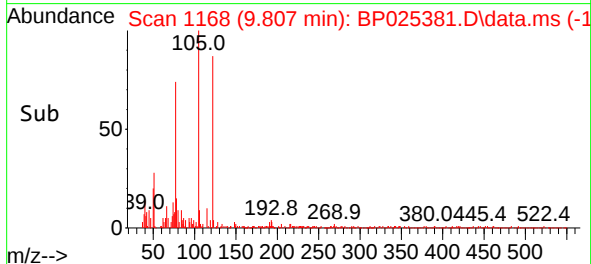
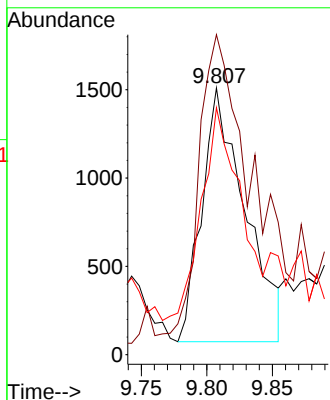
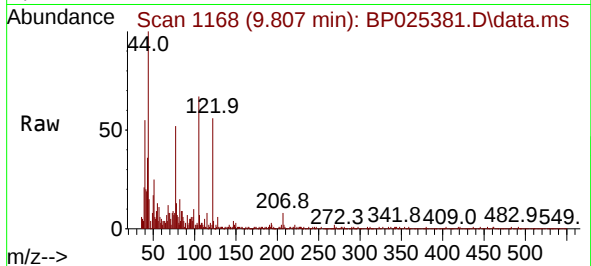




#32
Benzoic acid
Concen: 6.539 ng
RT: 9.807 min Scan# 1175
Delta R.T. -0.042 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

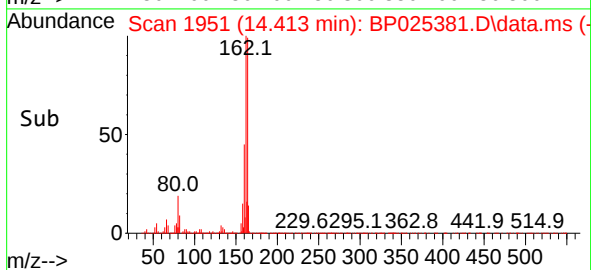
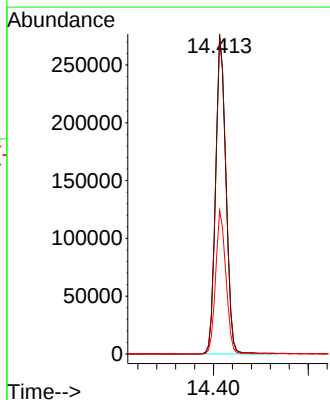
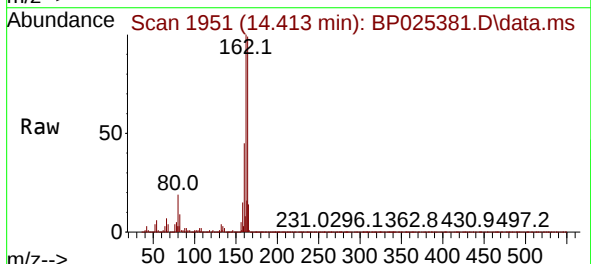
Instrument :
BNA_P
ClientSampleId :
518R-E

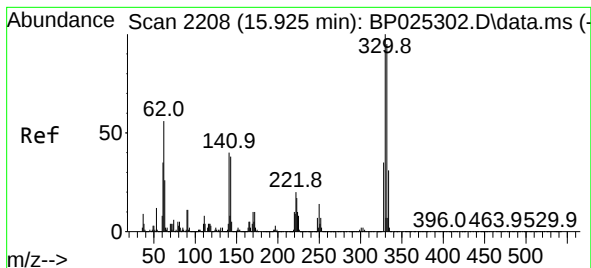
Tgt Ion:122 Resp: 3291
Ion Ratio Lower Upper
122 100
105 120.0 104.0 144.0
77 92.6 71.8 111.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion:164 Resp: 417011
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.2 35.9 53.9

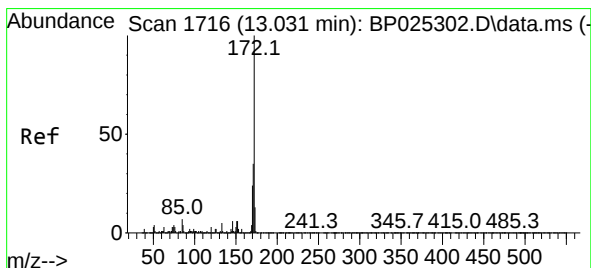
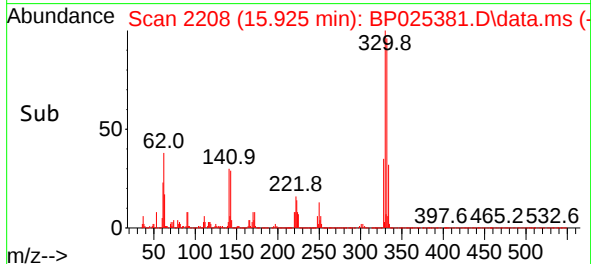
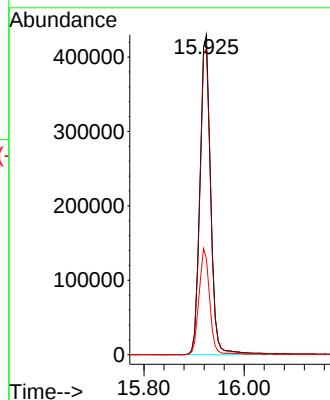
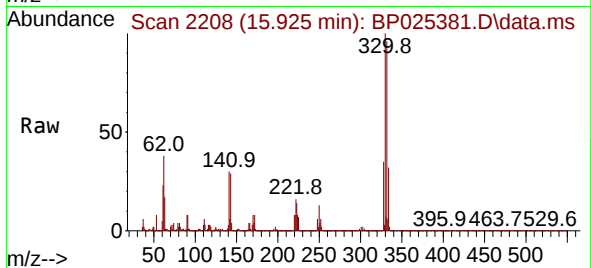




#42
2,4,6-Tribromophenol
Concen: 153.509 ng
RT: 15.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

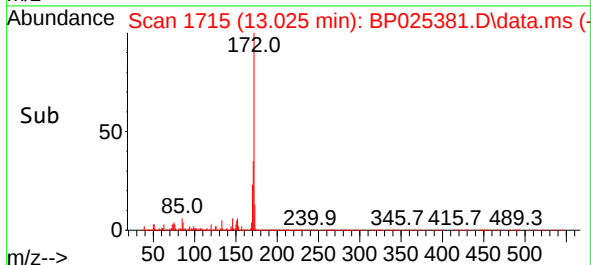
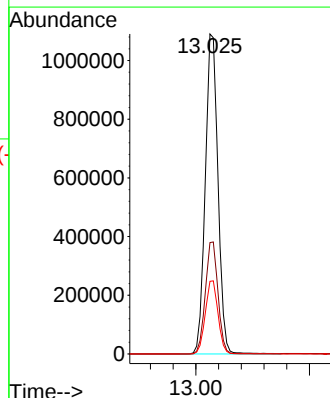
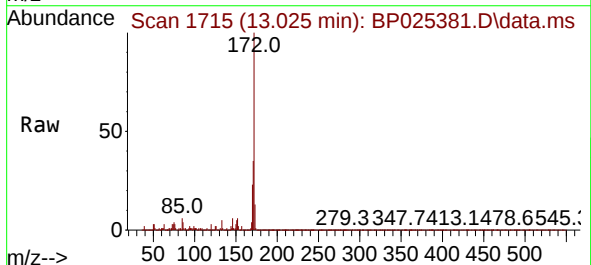
Instrument :
BNA_P
ClientSampleId :
518R-E

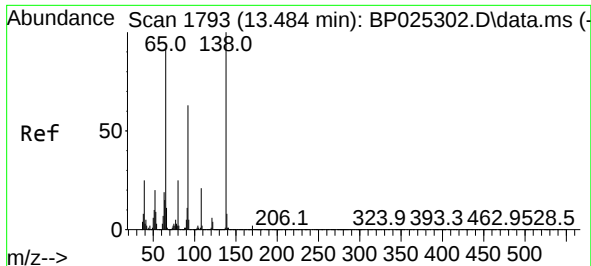
Tgt Ion:330 Resp: 638623
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 32.7 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 55.764 ng
RT: 13.025 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion:172 Resp: 1683613
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.7 18.9 28.3

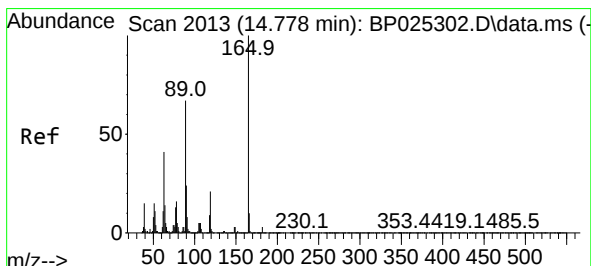
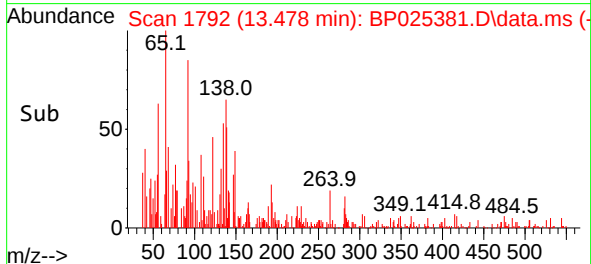
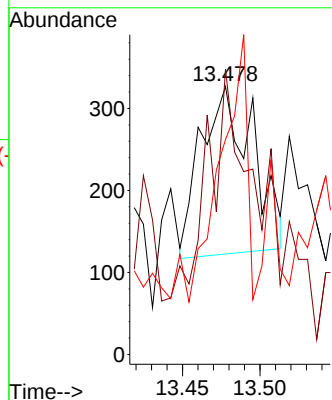
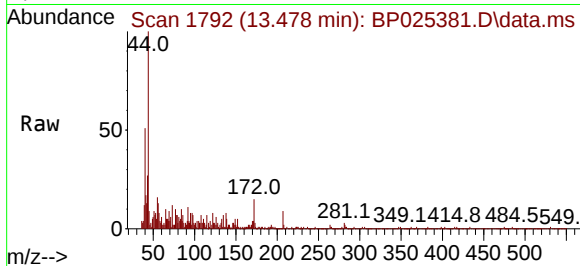




#48
2-Nitroaniline
Concen: 3.029 ng
RT: 13.478 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

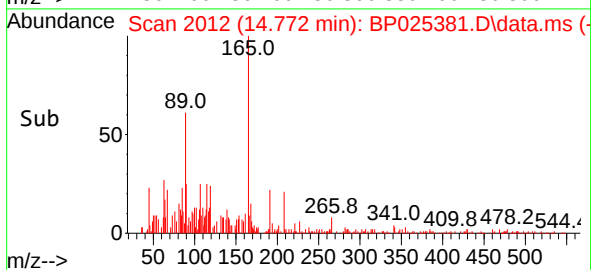
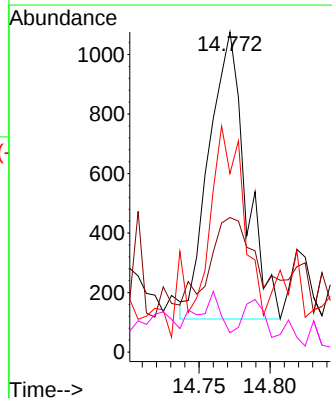
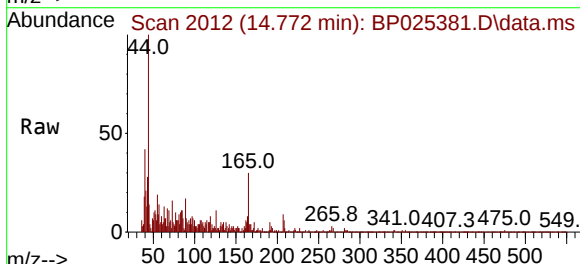
Instrument :
BNA_P
ClientSampleId :
518R-E

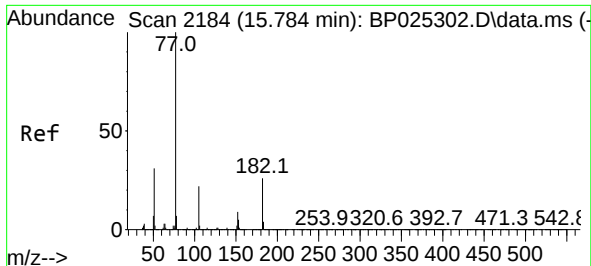
Tgt Ion: 65 Resp: 477
Ion Ratio Lower Upper
65 100
92 106.4 54.4 81.6#
138 80.1 87.0 130.4#



#57
2,4-Dinitrotoluene
Concen: 3.441 ng
RT: 14.772 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion: 165 Resp: 1736
Ion Ratio Lower Upper
165 100
63 42.0 33.2 49.8
89 55.8 53.5 80.3
182 6.0 2.2 3.4#

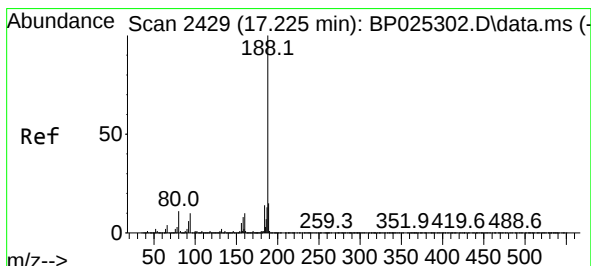
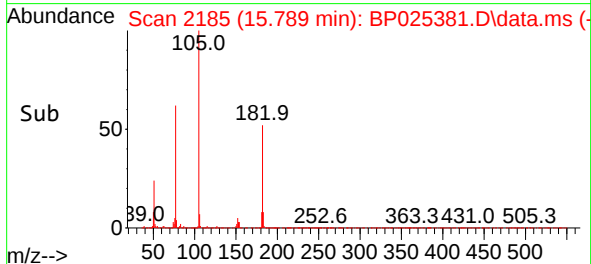
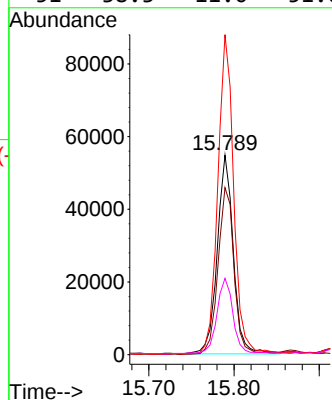
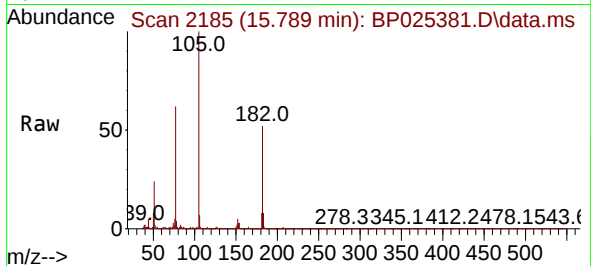




#63
Azobenzene
Concen: 2.533 ng
RT: 15.789 min Scan# 2184
Delta R.T. 0.005 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

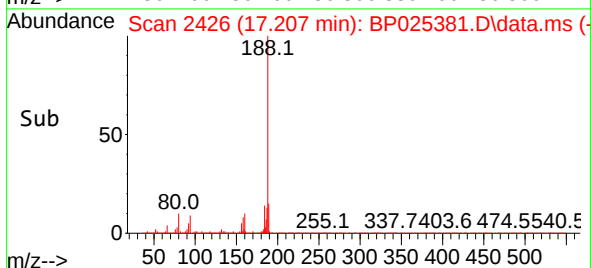
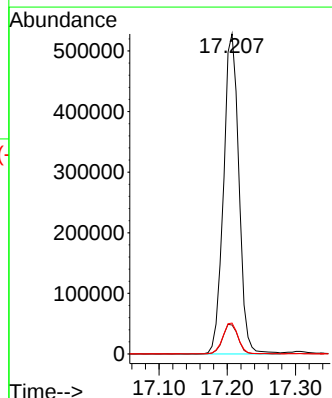
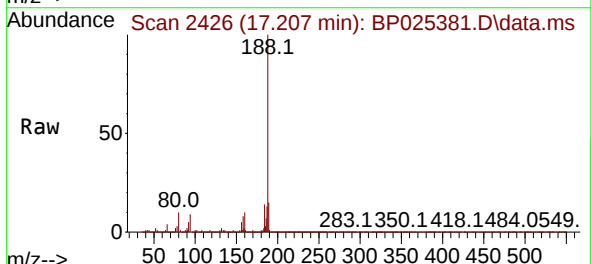
Instrument :
BNA_P
ClientSampleId :
518R-E

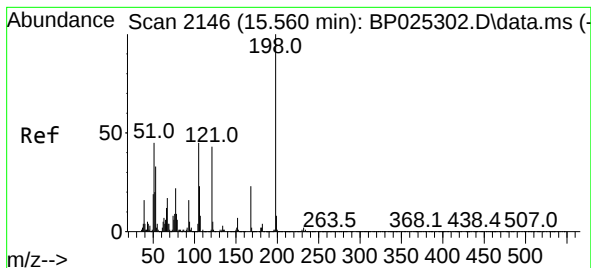
Tgt Ion: 77 Resp: 72130
Ion Ratio Lower Upper
77 100
182 83.7 6.0 46.0#
105 160.3 2.1 42.1#
51 38.3 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. -0.018 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion:188 Resp: 828990
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.6 8.5 12.7

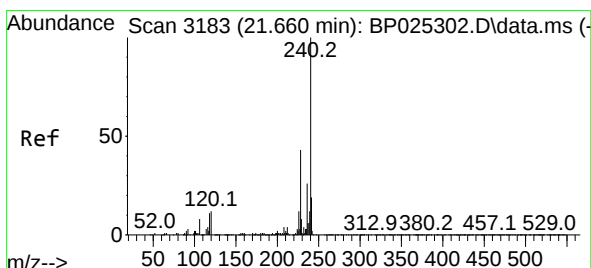
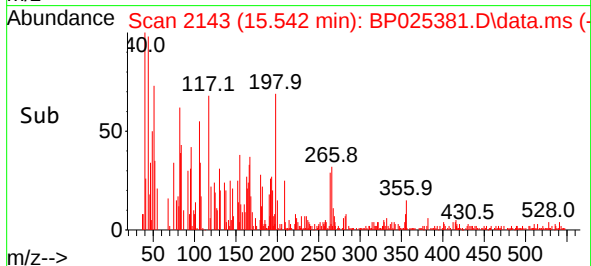
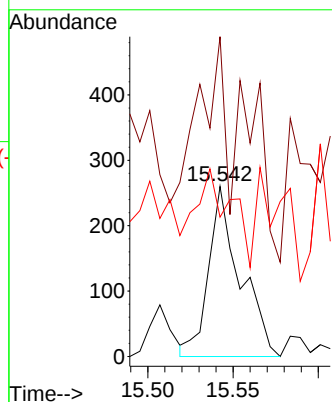
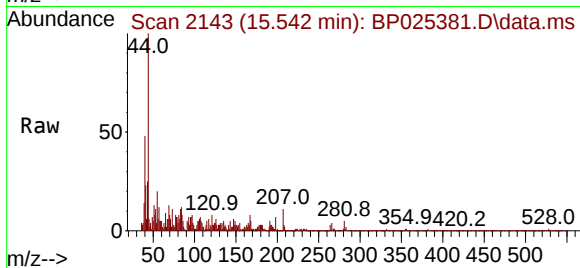




#65
4,6-Dinitro-2-methylphenol
Concen: 4.943 ng
RT: 15.542 min Scan# 2143
Delta R.T. -0.018 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

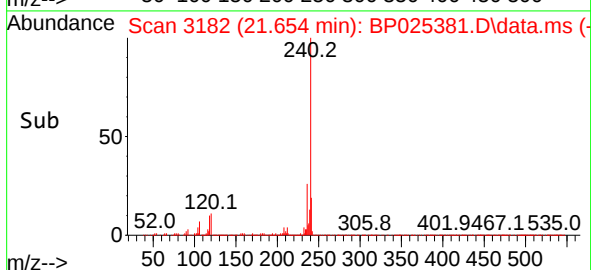
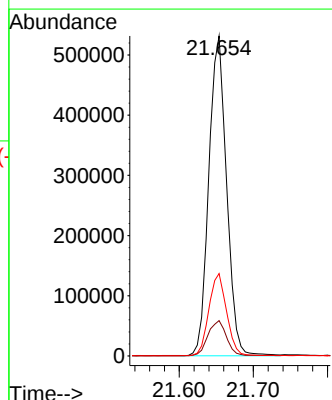
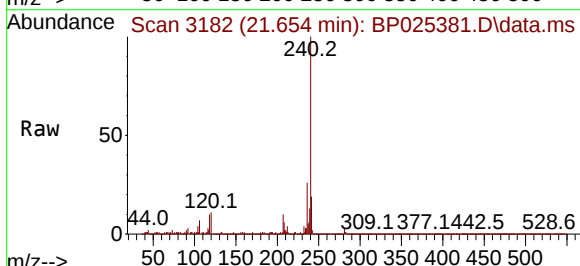
Instrument :
BNA_P
ClientSampleId :
518R-E

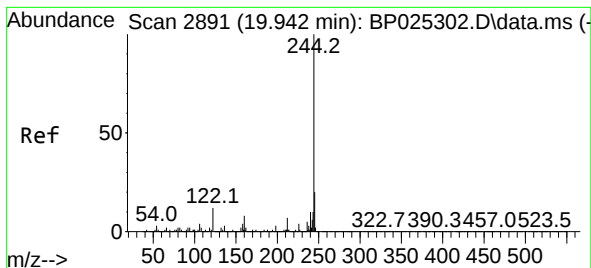
Tgt Ion:198 Resp: 333
Ion Ratio Lower Upper
198 100
51 188.1 26.7 66.7#
105 81.9 25.6 65.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. -0.006 min
Lab File: BP025381.D
Acq: 13 Aug 2025 12:41

Tgt Ion:240 Resp: 887231
Ion Ratio Lower Upper
240 100
120 11.0 9.6 14.4
236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 45.724 ng

RT: 19.919 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP025381.D

Acq: 13 Aug 2025 12:41

Instrument :

BNA_P

ClientSampleId :

518R-E

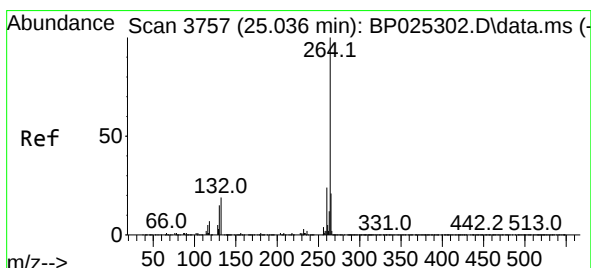
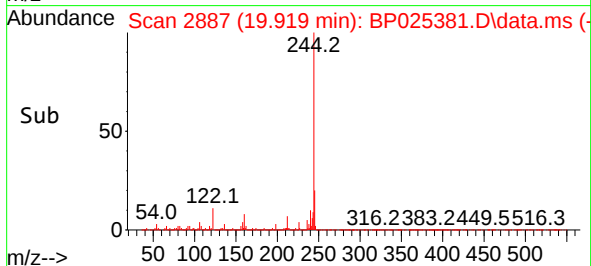
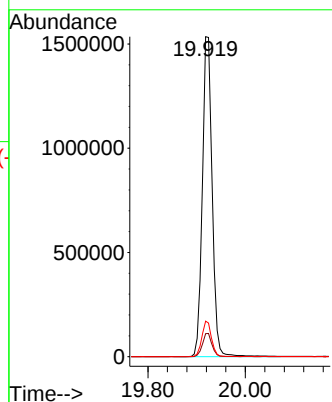
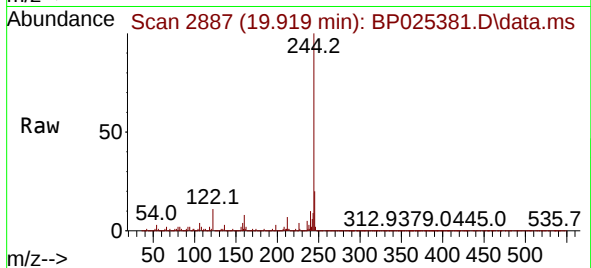
Tgt Ion:244 Resp: 2147818

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.054 min Scan# 3760

Delta R.T. 0.018 min

Lab File: BP025381.D

Acq: 13 Aug 2025 12:41

Tgt Ion:264 Resp: 1030586

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 17.1 25.7

