

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025270.D
 Acq On : 29 Jul 2025 20:53
 Operator : CG/JU
 Sample : Q2691-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 295

Quant Time: Jul 30 01:41:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

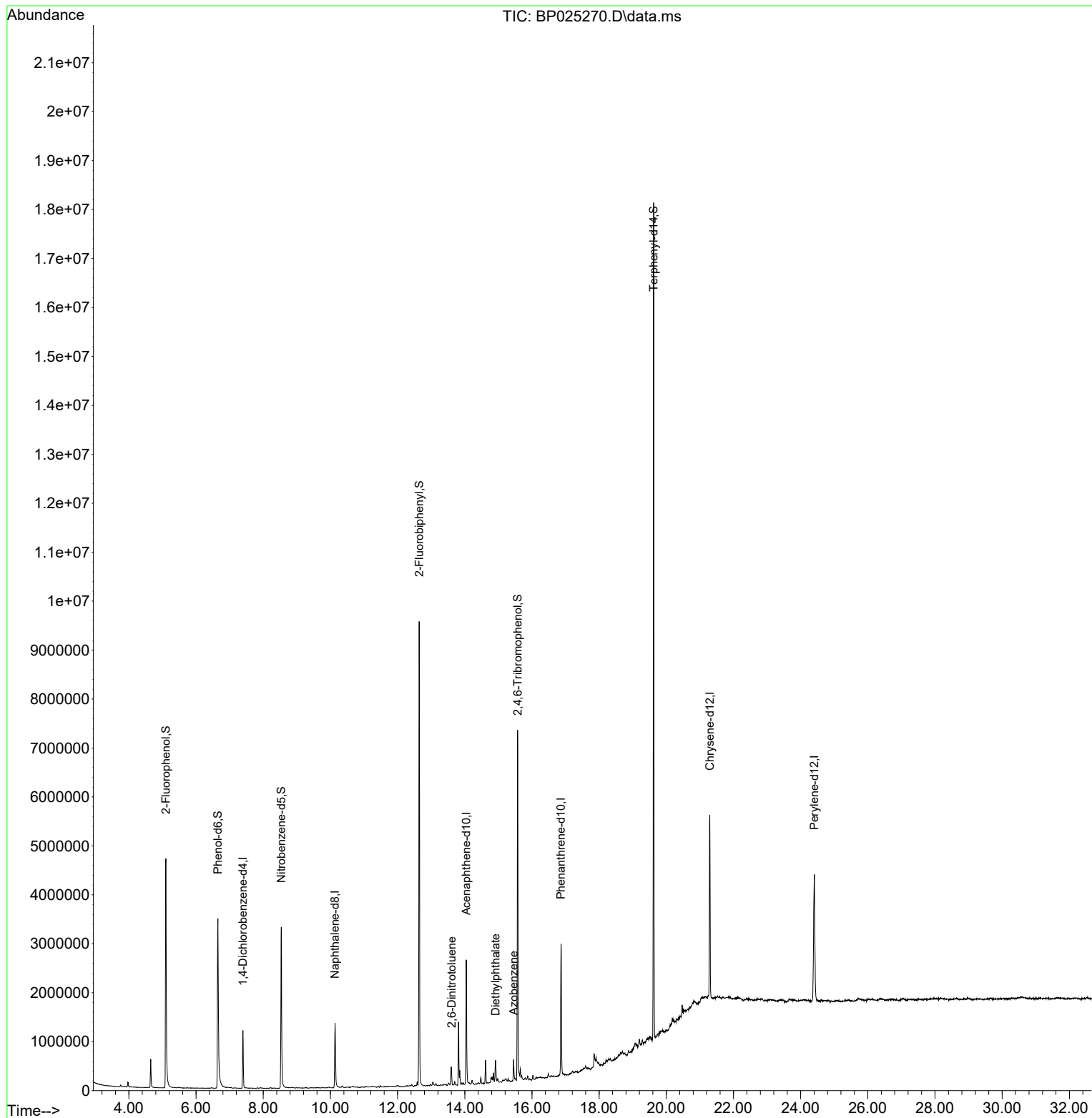
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	339742	20.000	ng	0.00
21) Naphthalene-d8	10.137	136	1288553	20.000	ng	0.00
39) Acenaphthene-d10	14.043	164	811748	20.000	ng	0.00
64) Phenanthrene-d10	16.866	188	1701928	20.000	ng	-0.01
76) Chrysene-d12	21.295	240	2153068	20.000	ng	-0.01
86) Perylene-d12	24.407	264	2579135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2503281	124.496	ng	0.00
7) Phenol-d6	6.649	99	2861062	114.885	ng	0.00
23) Nitrobenzene-d5	8.537	82	1968812	84.912	ng	0.00
42) 2,4,6-Tribromophenol	15.578	330	1562331	130.554	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	4787561	83.149	ng	0.00
79) Terphenyl-d14	19.625	244	8155409	74.772	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	13.607	165	38934	3.087	ng	# 37
60) Diethylphthalate	14.919	149	250495	4.378	ng	99
63) Azobenzene	15.454	77	123057	2.639	ng	# 1

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

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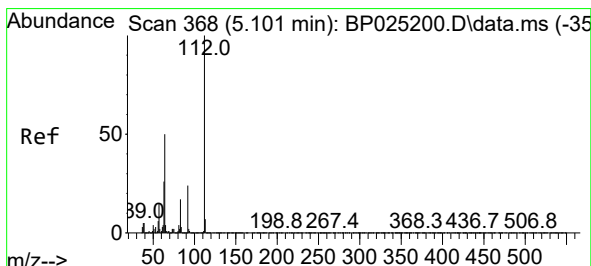
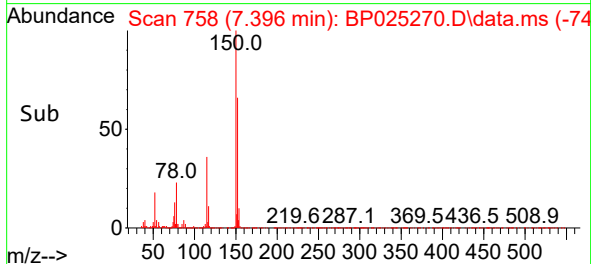
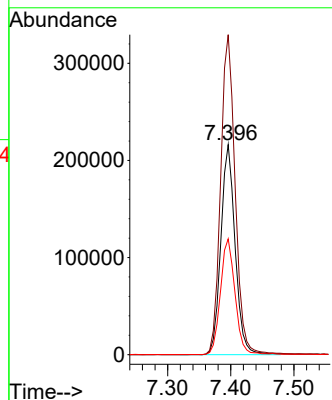
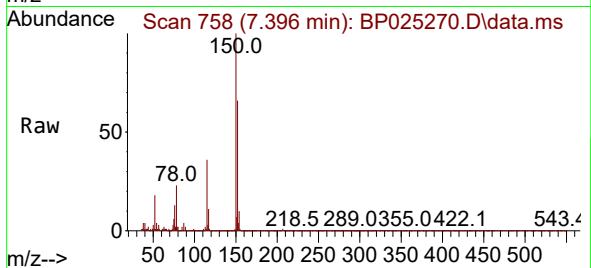




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.396 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

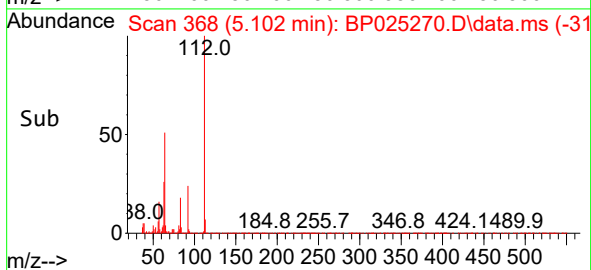
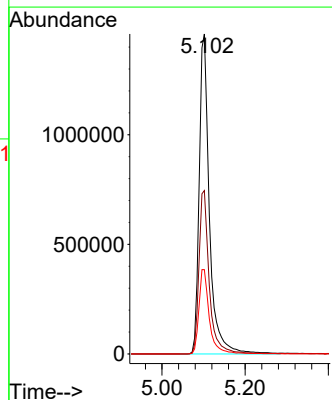
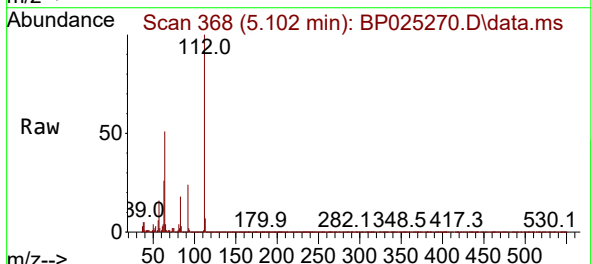
Instrument :
BNA_P
ClientSampleId :
295

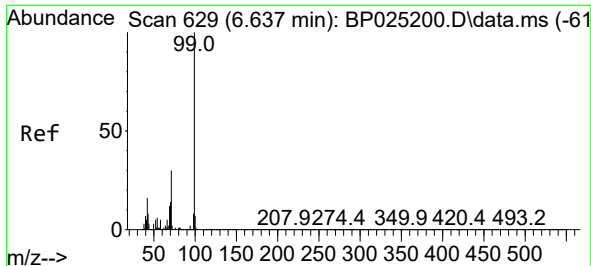
Tgt Ion:152 Resp: 339742
Ion Ratio Lower Upper
152 100
150 152.3 121.9 182.9
115 55.1 43.0 64.6



#5
2-Fluorophenol
Concen: 124.496 ng
RT: 5.102 min Scan# 368
Delta R.T. -0.006 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

Tgt Ion:112 Resp: 2503281
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.6
63 26.3 20.5 30.7

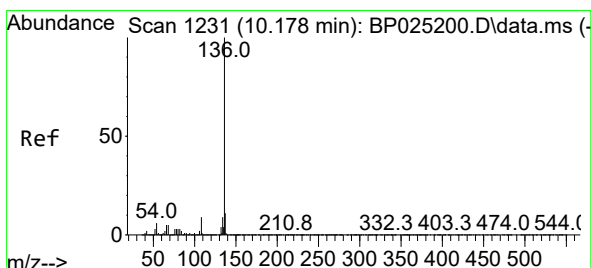
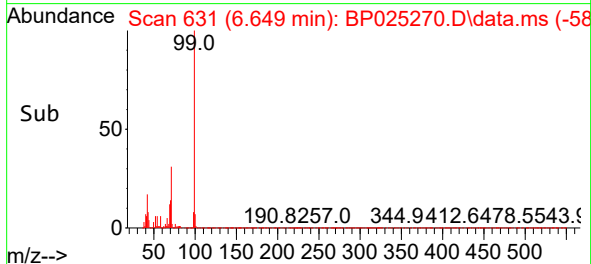
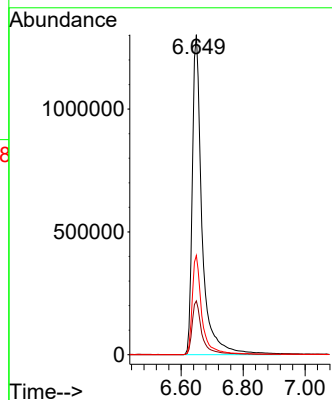
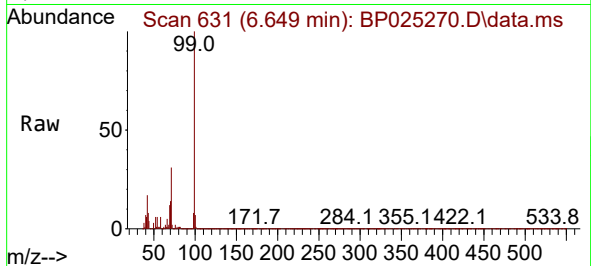




#7
Phenol-d6
Concen: 114.885 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

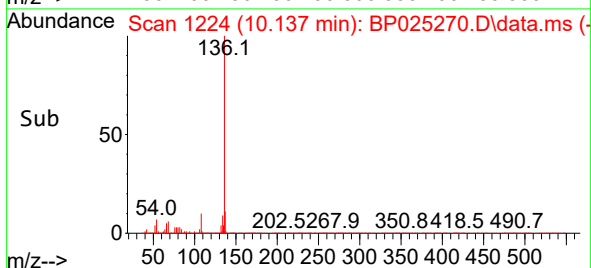
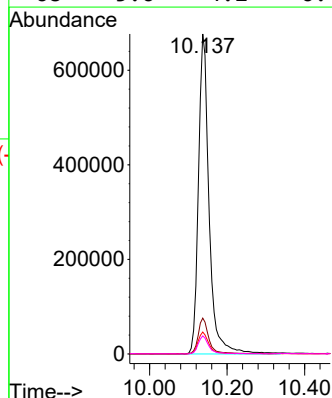
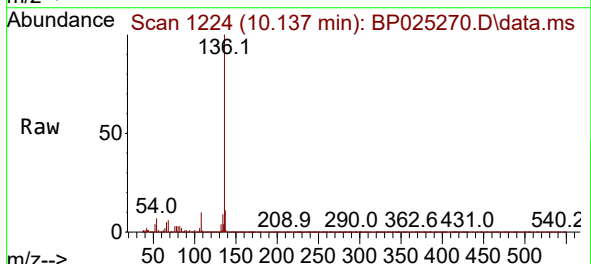
Instrument :
BNA_P
ClientSampleId :
295

Tgt Ion: 99 Resp: 2861062
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 31.0 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.137 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

Tgt Ion: 136 Resp: 1288553
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.1 7.7
68 5.6 4.2 6.4

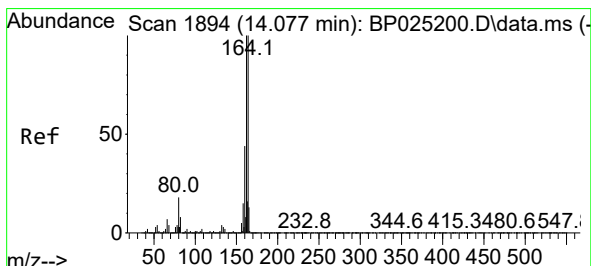
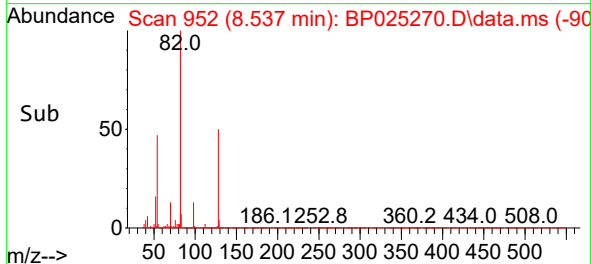
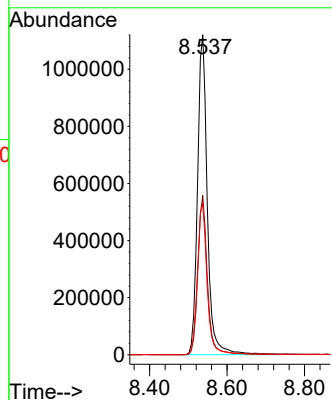
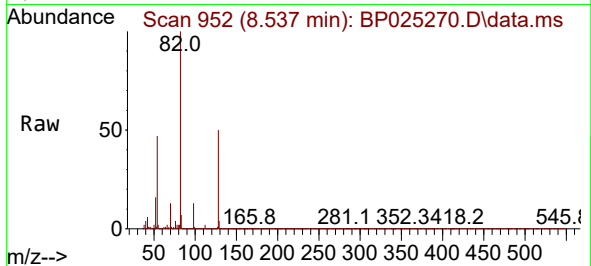




#23
Nitrobenzene-d5
Concen: 84.912 ng
RT: 8.537 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

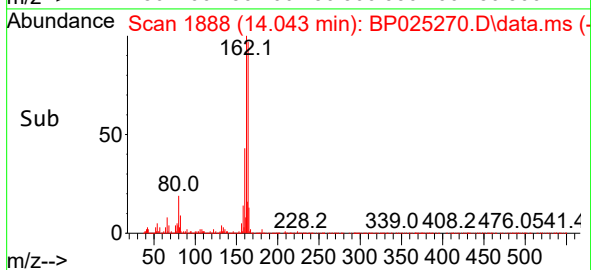
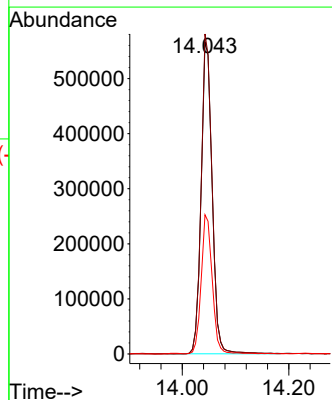
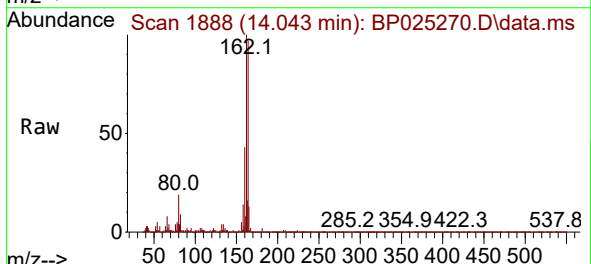
Instrument :
BNA_P
ClientSampleId :
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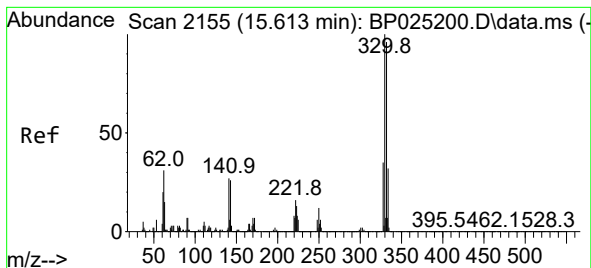
Tgt Ion: 82 Resp: 1968812
Ion Ratio Lower Upper
82 100
128 49.8 40.2 60.4
54 47.3 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.043 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

Tgt Ion: 164 Resp: 811748
Ion Ratio Lower Upper
164 100
162 102.6 80.3 120.5
160 44.6 35.7 53.5

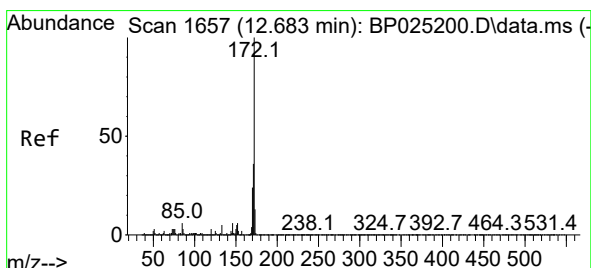
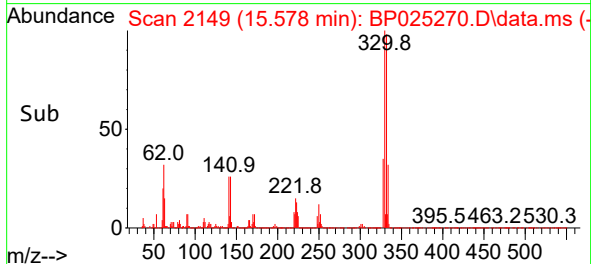
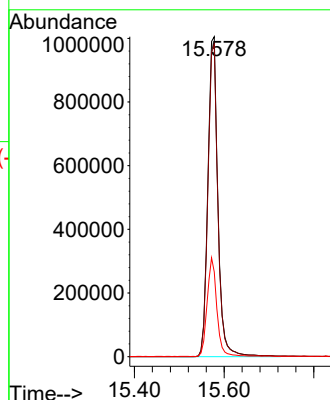
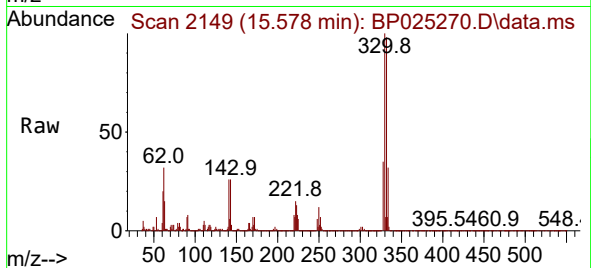




#42
2,4,6-Tribromophenol
Concen: 130.554 ng
RT: 15.578 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

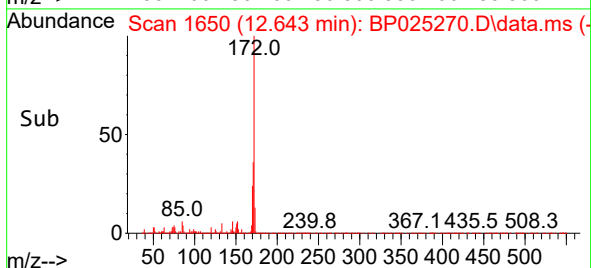
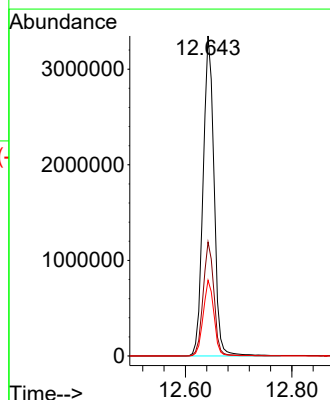
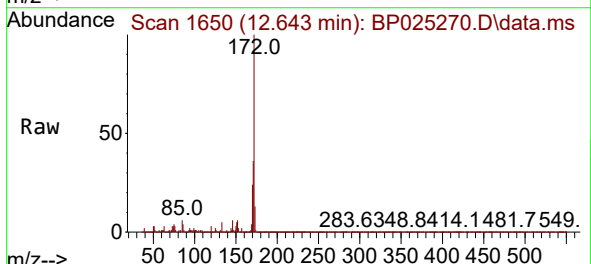
Instrument :
BNA_P
ClientSampleId :
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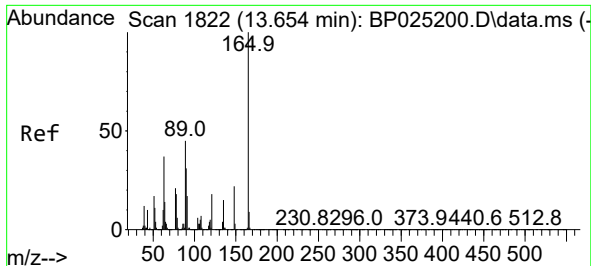
Tgt Ion:330 Resp: 1562331
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 29.7 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 83.149 ng
RT: 12.643 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

Tgt Ion:172 Resp: 4787561
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.2 28.8

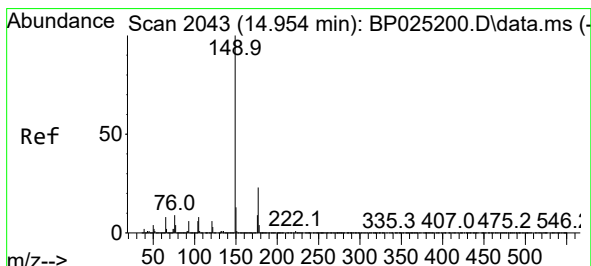
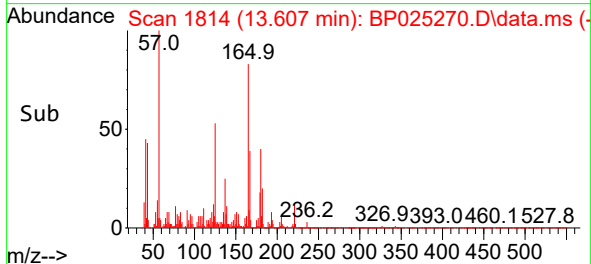
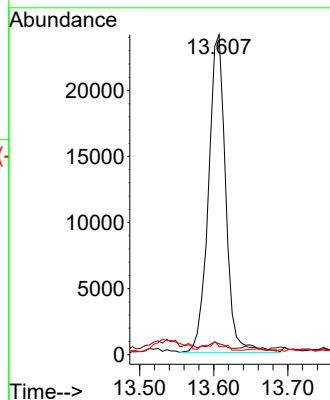
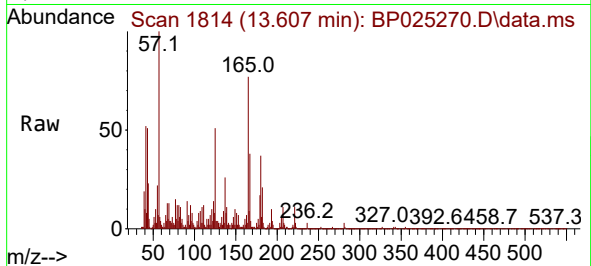




#51
2,6-Dinitrotoluene
Concen: 3.087 ng
RT: 13.607 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

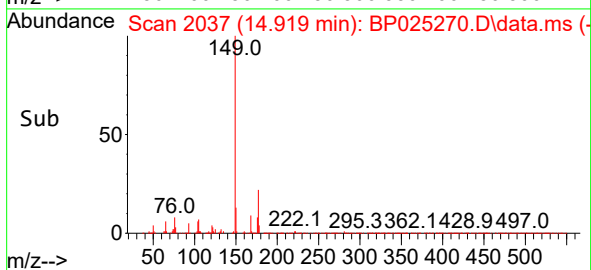
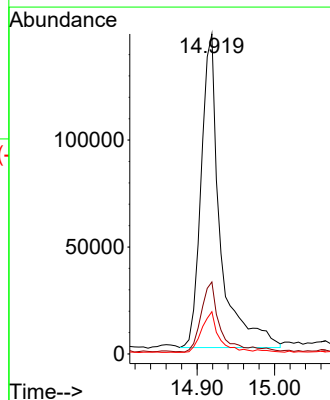
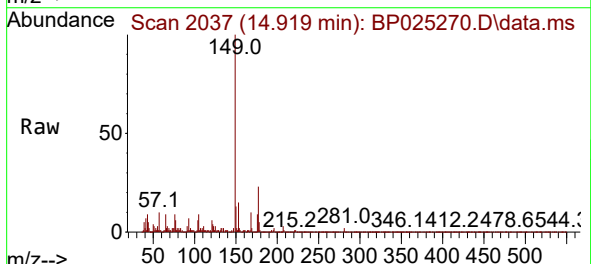
Instrument :
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ClientSampleId :
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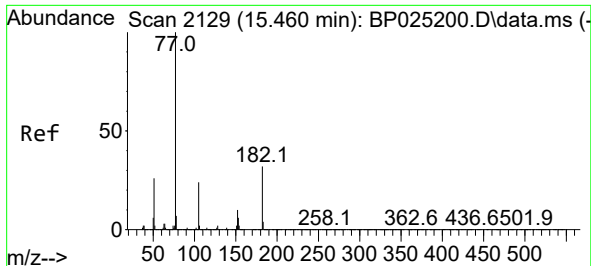
Tgt Ion:165 Resp: 38934
Ion Ratio Lower Upper
165 100
63 3.4 33.4 50.2#
89 2.5 36.3 54.5#



#60
Diethylphthalate
Concen: 4.378 ng
RT: 14.919 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

Tgt Ion:149 Resp: 250495
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.2 10.0 15.0

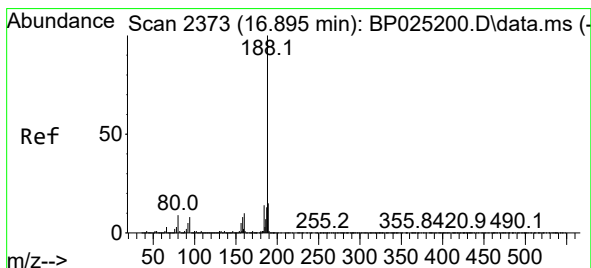
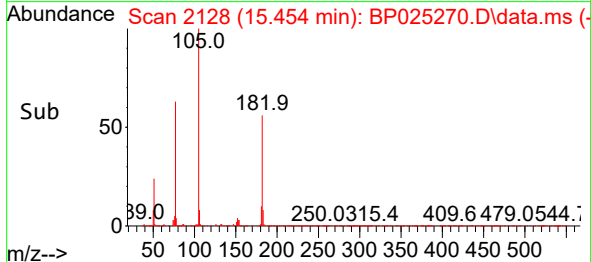
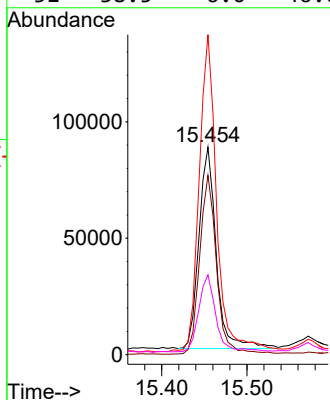
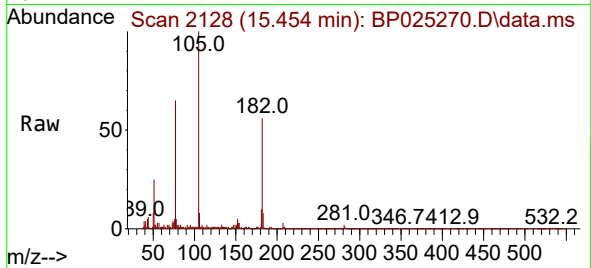




#63
Azobenzene
Concen: 2.639 ng
RT: 15.454 min Scan# 2129
Delta R.T. 0.024 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

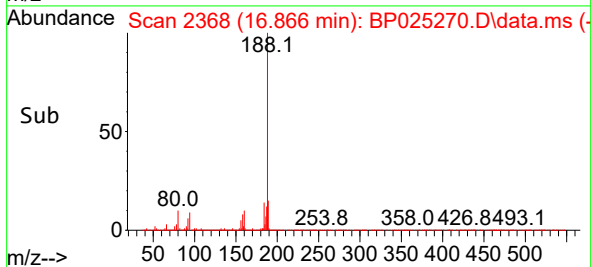
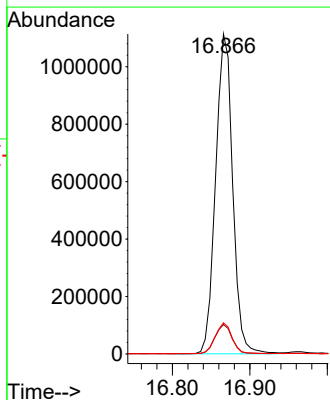
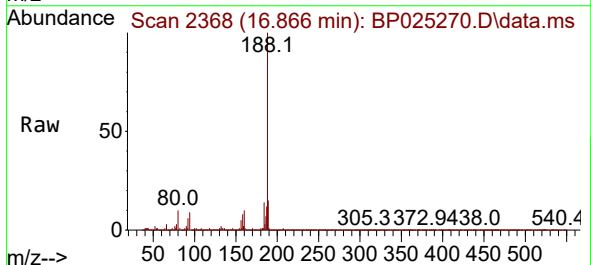
Instrument :
BNA_P
ClientSampleId :
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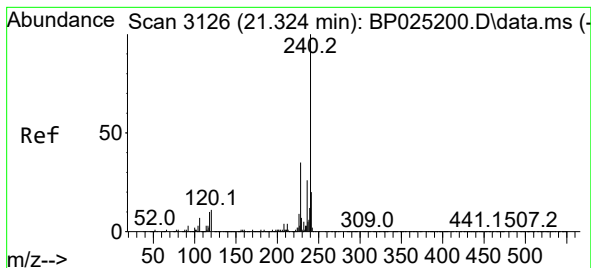
Tgt Ion: 77 Resp: 123057
Ion Ratio Lower Upper
77 100
182 86.4 12.0 52.0#
105 154.2 3.6 43.6#
51 38.5 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.866 min Scan# 2368
Delta R.T. -0.012 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

Tgt Ion: 188 Resp: 1701928
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 9.7 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.295 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BP025270.D

Acq: 29 Jul 2025 20:53

Instrument :

BNA_P

ClientSampleId :

295

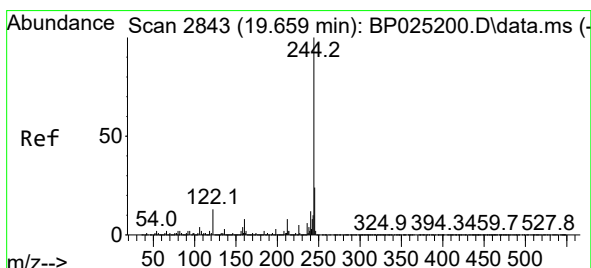
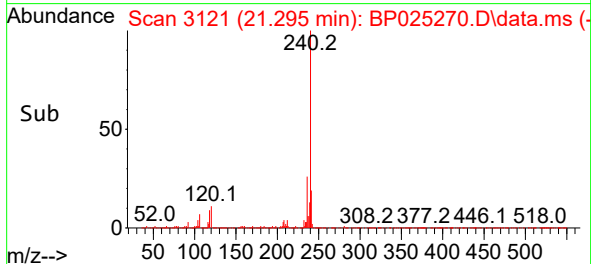
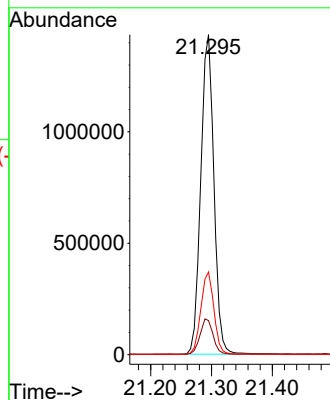
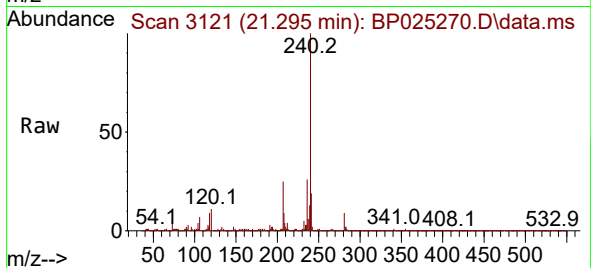
Tgt Ion:240 Resp: 2153068

Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 74.772 ng

RT: 19.625 min Scan# 2837

Delta R.T. -0.006 min

Lab File: BP025270.D

Acq: 29 Jul 2025 20:53

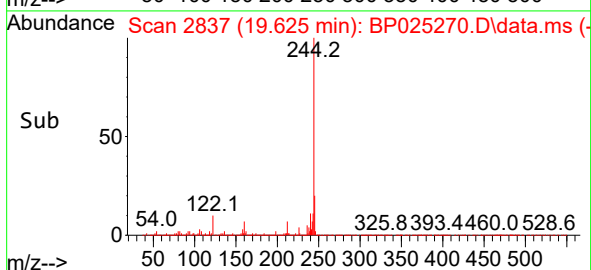
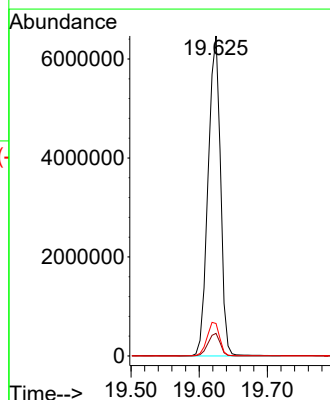
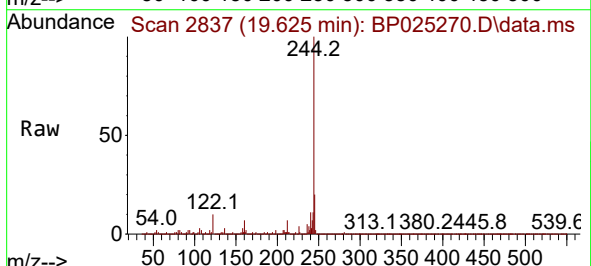
Tgt Ion:244 Resp: 8155409

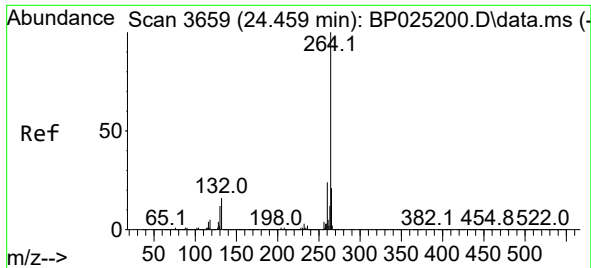
Ion Ratio Lower Upper

244 100

212 7.0 6.6 9.8

122 10.2 10.3 15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.407 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP025270.D
Acq: 29 Jul 2025 20:53

Instrument :
BNA_P
ClientSampleId :
295

Tgt Ion:264 Resp: 2579135
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.7 17.5 26.3

