

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025275.D
 Acq On : 30 Jul 2025 00:20
 Operator : CG/JU
 Sample : Q2709-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 7211935-295

Quant Time: Jul 30 01:42:48 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	410447	20.000	ng	0.00
21) Naphthalene-d8	10.137	136	1543982	20.000	ng	0.00
39) Acenaphthene-d10	14.037	164	950633	20.000	ng	-0.01
64) Phenanthrene-d10	16.854	188	1972931	20.000	ng	-0.02
76) Chrysene-d12	21.295	240	2166747	20.000	ng	-0.01
86) Perylene-d12	24.389	264	2424371	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3028583	124.674	ng	0.00
7) Phenol-d6	6.655	99	3316415	110.229	ng	0.00
23) Nitrobenzene-d5	8.537	82	2487089	89.519	ng	0.00
42) 2,4,6-Tribromophenol	15.584	330	1902367	135.743	ng	0.00
45) 2-Fluorobiphenyl	12.637	172	6037100	89.532	ng	-0.01
79) Terphenyl-d14	19.625	244	10024479	91.329	ng	0.00

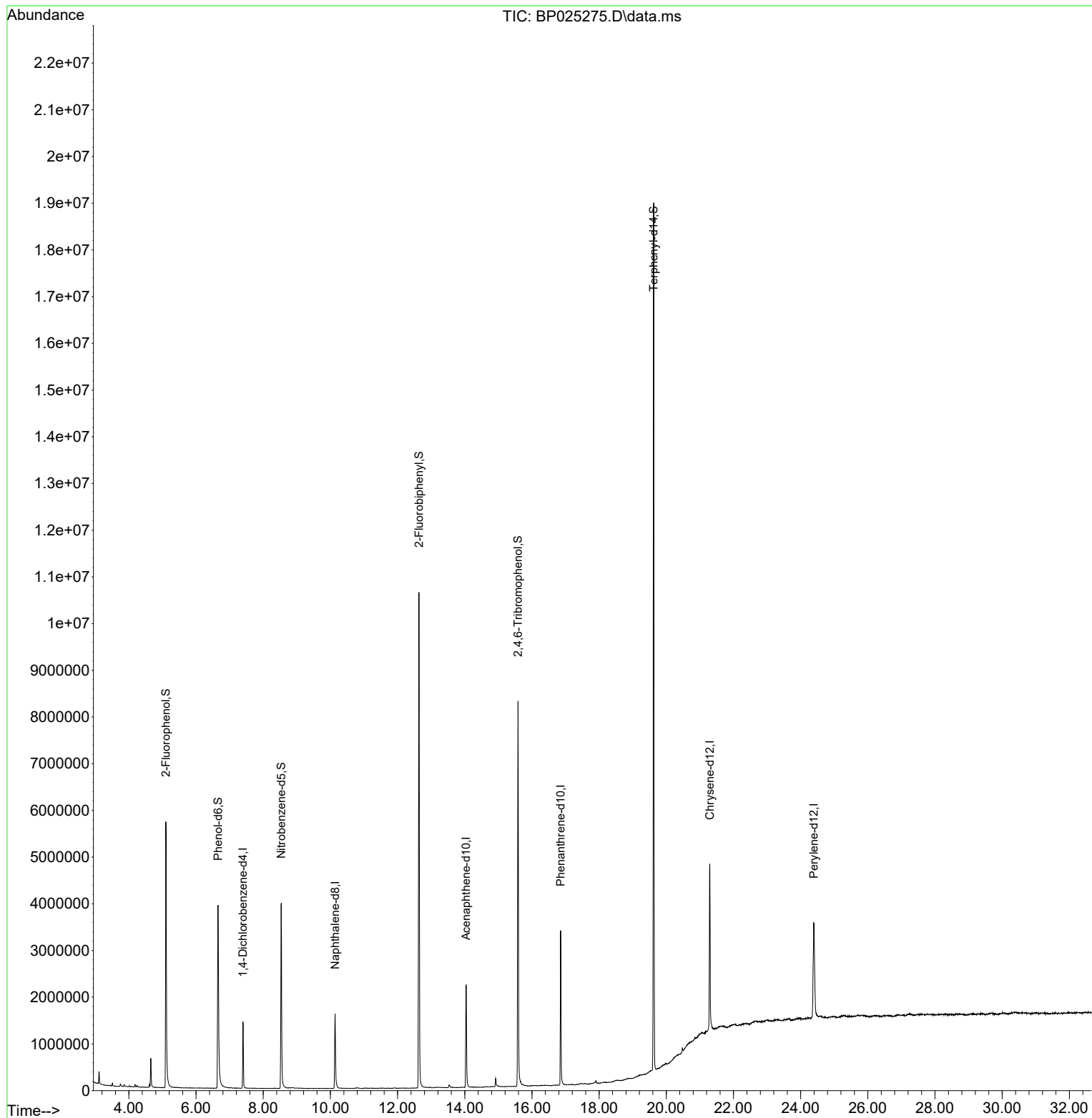
Target Compounds	Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

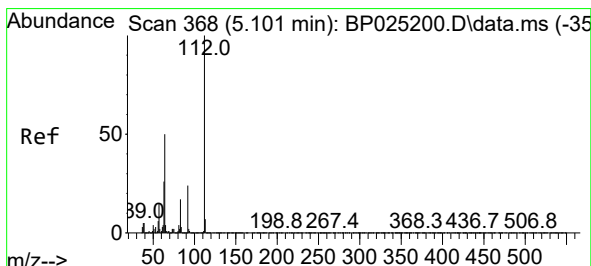
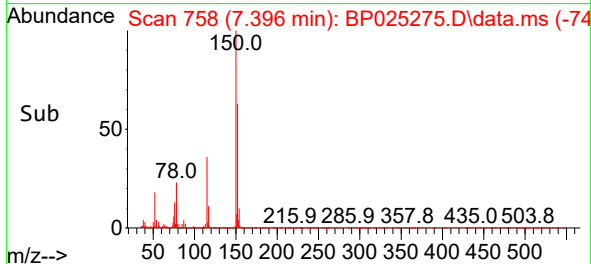
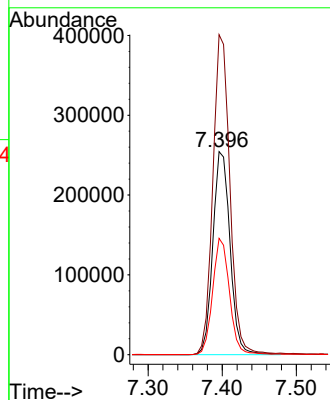
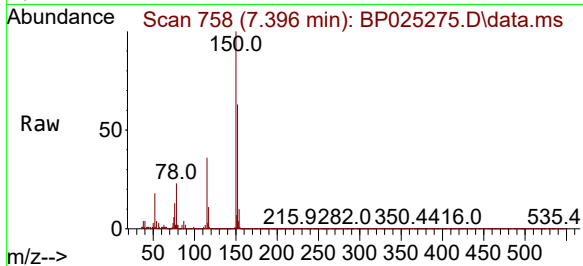




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.396 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025275.D
Acq: 30 Jul 2025 00:20

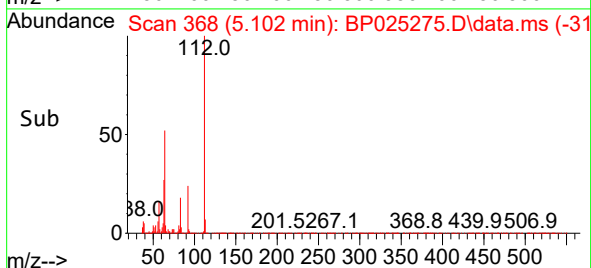
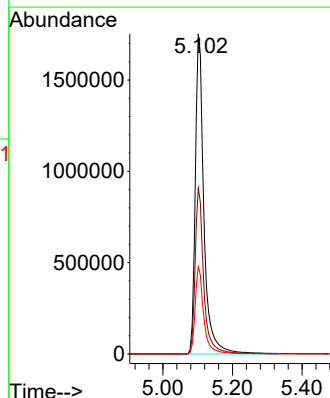
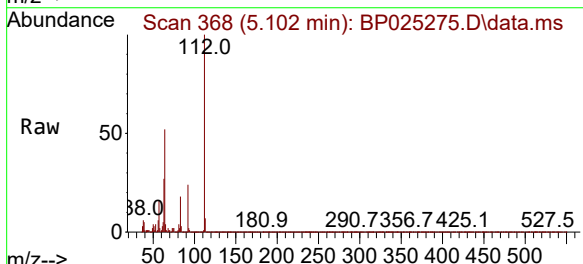
Instrument :
BNA_P
ClientSampleId :
7211935-295

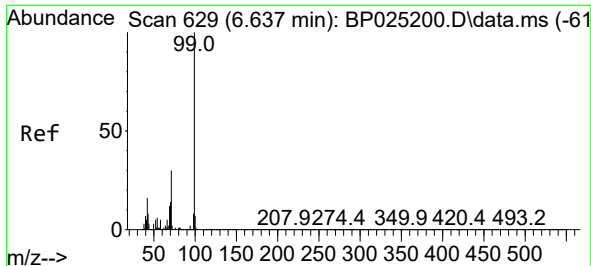
Tgt Ion:152 Resp: 410447
Ion Ratio Lower Upper
152 100
150 157.6 121.9 182.9
115 57.3 43.0 64.6



#5
2-Fluorophenol
Concen: 124.674 ng
RT: 5.102 min Scan# 368
Delta R.T. -0.006 min
Lab File: BP025275.D
Acq: 30 Jul 2025 00:20

Tgt Ion:112 Resp: 3028583
Ion Ratio Lower Upper
112 100
64 51.8 39.8 59.6
63 27.3 20.5 30.7

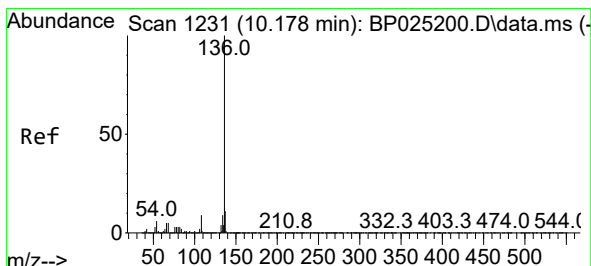
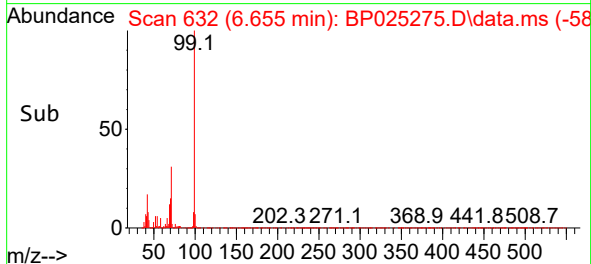
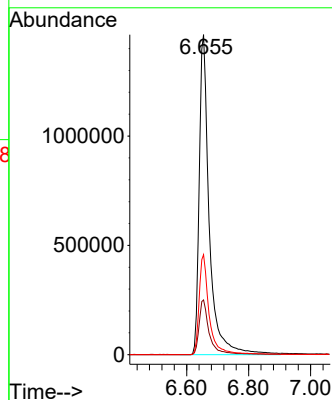
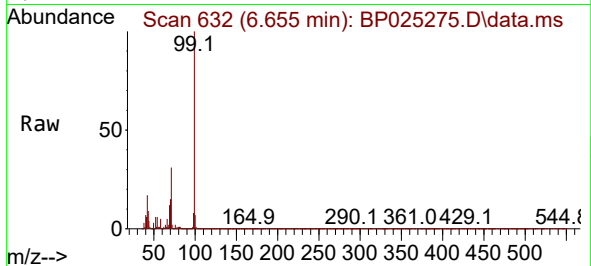




#7
Phenol-d6
Concen: 110.229 ng
RT: 6.655 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025275.D
Acq: 30 Jul 2025 00:20

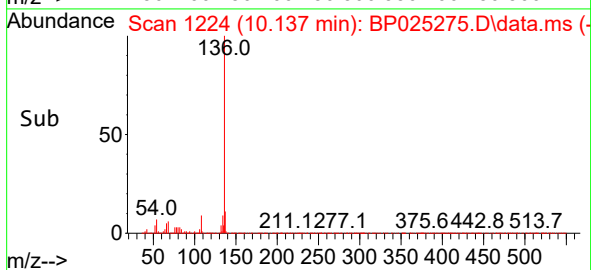
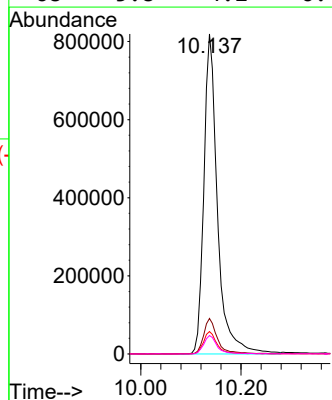
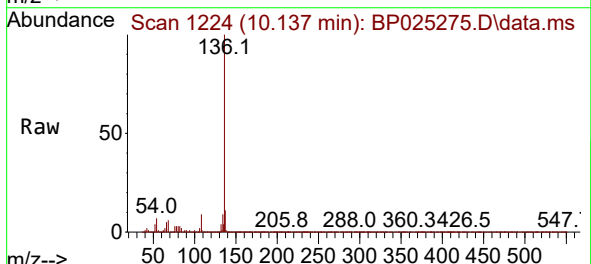
Instrument :
BNA_P
ClientSampleId :
7211935-295

Tgt Ion: 99 Resp: 3316415
Ion Ratio Lower Upper
99 100
42 17.1 12.5 18.7
71 31.3 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: BP025275.D
Acq: 30 Jul 2025 00:20

Tgt Ion:136 Resp: 1543982
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.1 7.7
68 5.8 4.2 6.4

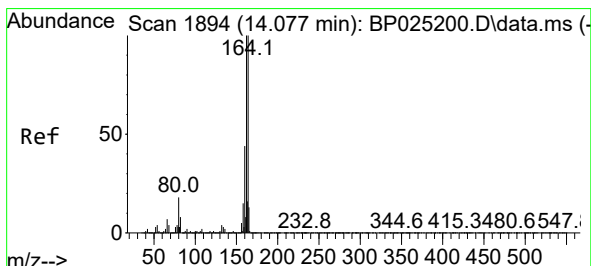
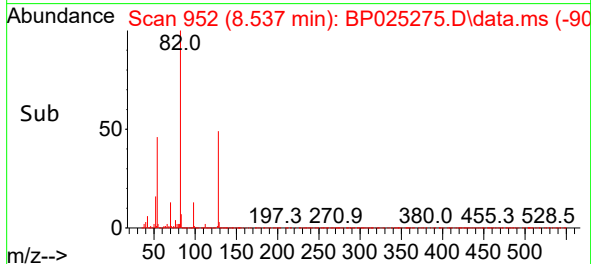
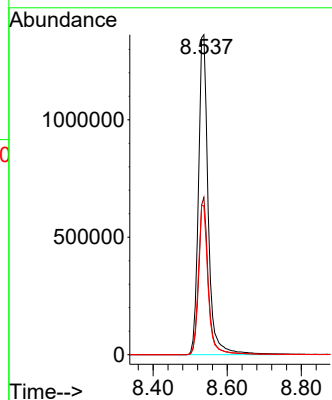
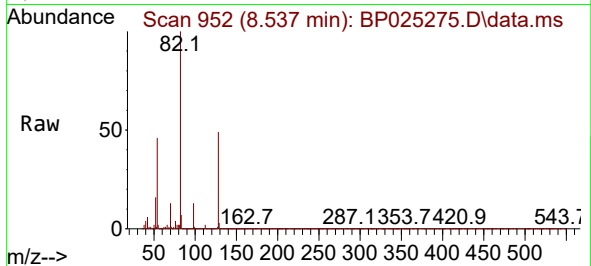




#23
Nitrobenzene-d5
Concen: 89.519 ng
RT: 8.537 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025275.D
Acq: 30 Jul 2025 00:20

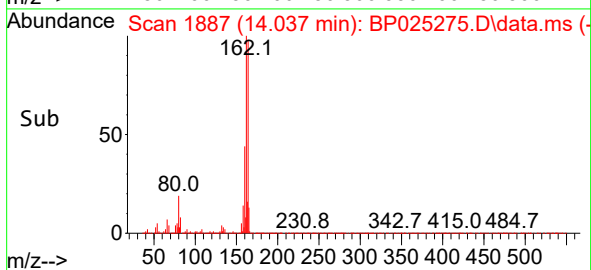
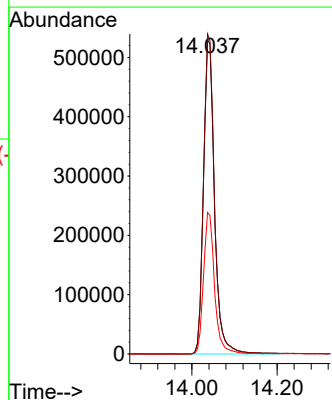
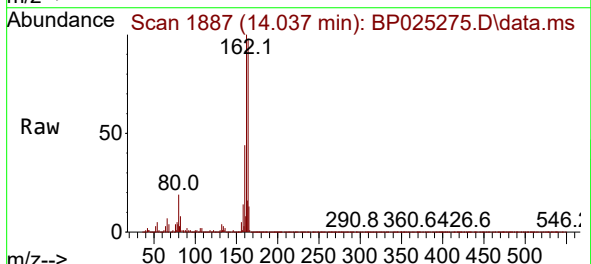
Instrument :
BNA_P
ClientSampleId :
7211935-295

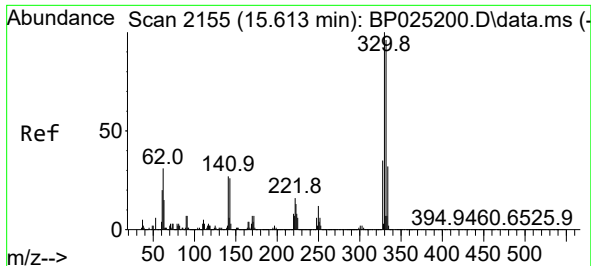
Tgt Ion: 82 Resp: 2487089
Ion Ratio Lower Upper
82 100
128 49.1 40.2 60.4
54 46.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.037 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BP025275.D
Acq: 30 Jul 2025 00:20

Tgt Ion:164 Resp: 950633
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 45.0 35.7 53.5

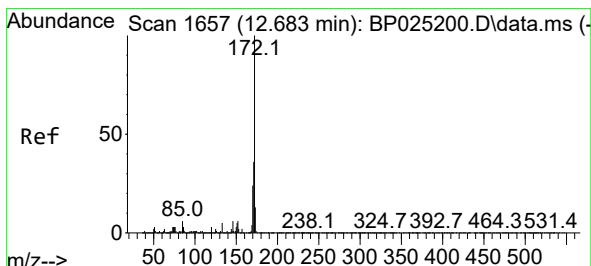
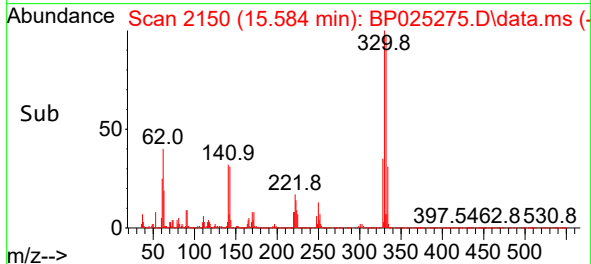
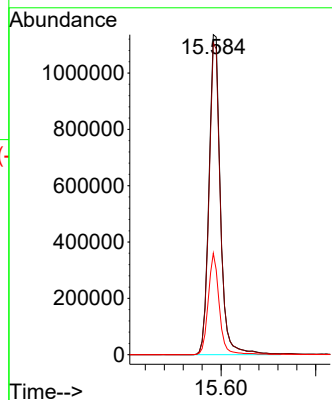
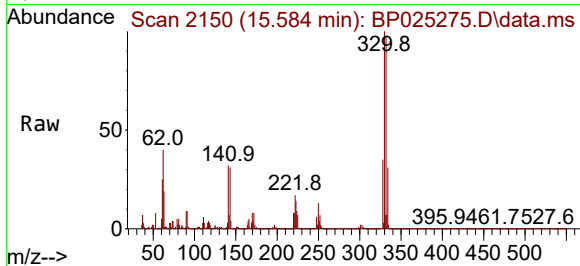




#42
2,4,6-Tribromophenol
Concen: 135.743 ng
RT: 15.584 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP025275.D
Acq: 30 Jul 2025 00:20

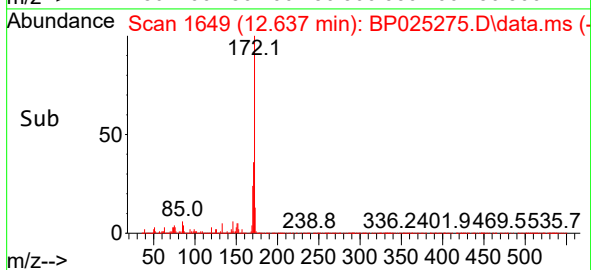
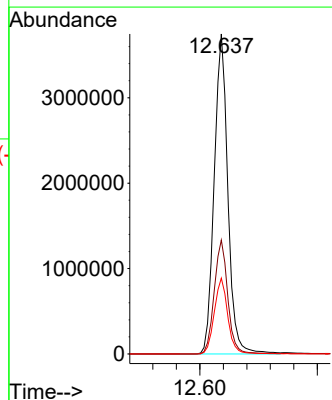
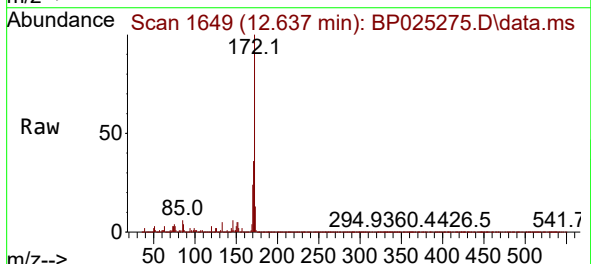
Instrument :
BNA_P
ClientSampleId :
7211935-295

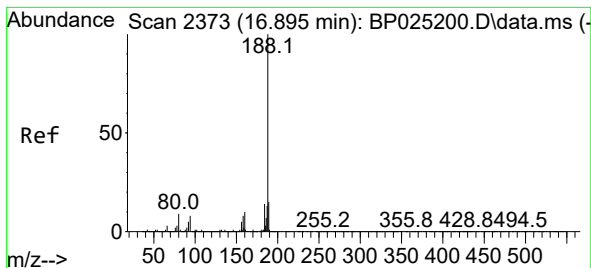
Tgt Ion:330 Resp: 1902367
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 30.5 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 89.532 ng
RT: 12.637 min Scan# 1649
Delta R.T. -0.012 min
Lab File: BP025275.D
Acq: 30 Jul 2025 00:20

Tgt Ion:172 Resp: 6037100
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.854 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP025275.D

Acq: 30 Jul 2025 00:20

Instrument :

BNA_P

ClientSampleId :

7211935-295

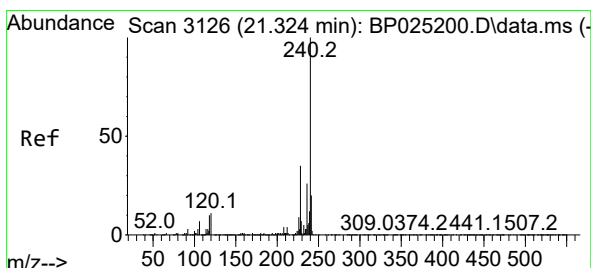
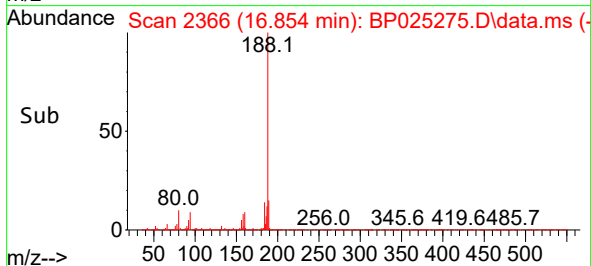
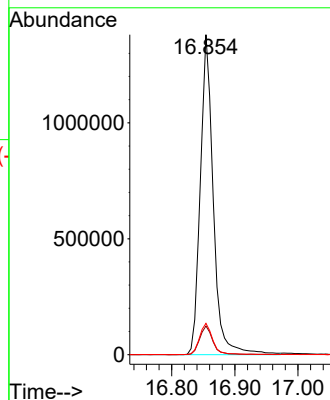
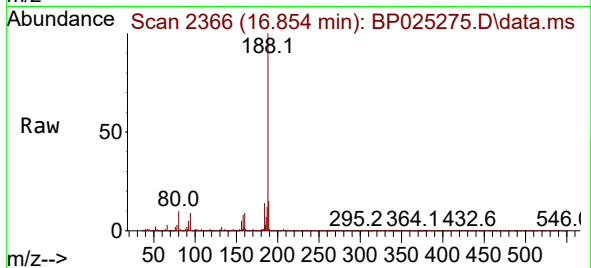
Tgt Ion:188 Resp: 1972931

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.295 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BP025275.D

Acq: 30 Jul 2025 00:20

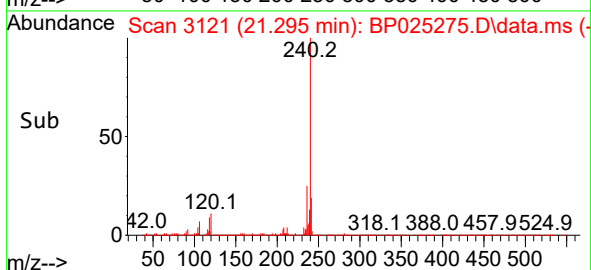
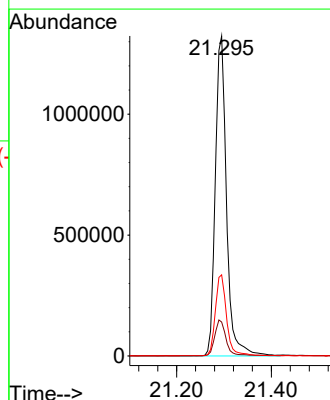
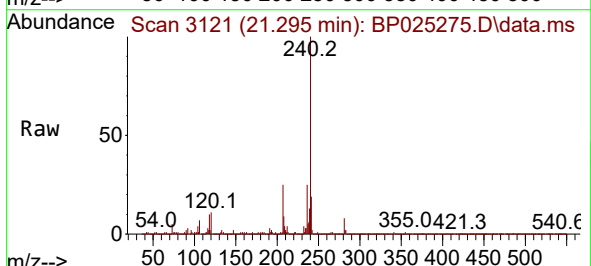
Tgt Ion:240 Resp: 2166747

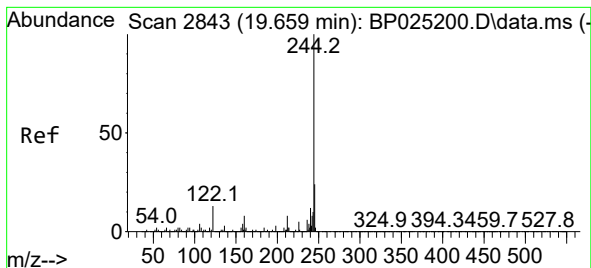
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 91.329 ng

RT: 19.625 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025275.D

Acq: 30 Jul 2025 00:20

Instrument :

BNA_P

ClientSampleId :

7211935-295

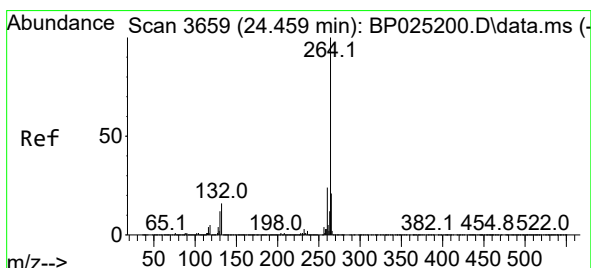
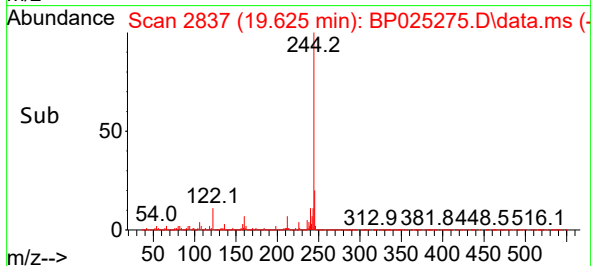
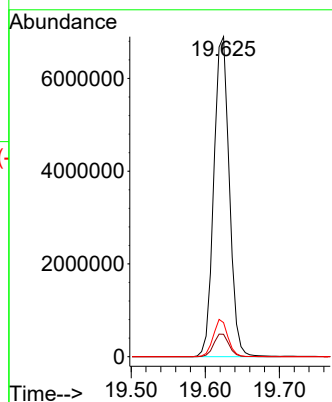
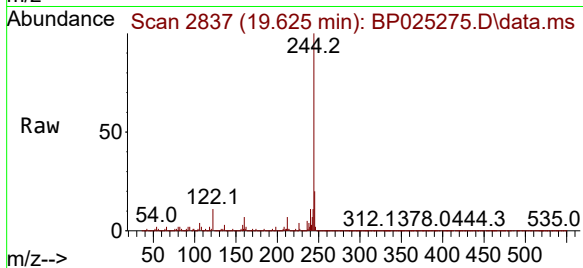
Tgt Ion:244 Resp:10024479

Ion Ratio Lower Upper

244 100

212 7.0 6.6 9.8

122 10.6 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.389 min Scan# 3647

Delta R.T. -0.023 min

Lab File: BP025275.D

Acq: 30 Jul 2025 00:20

Tgt Ion:264 Resp: 2424371

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.5 17.5 26.3

