

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
 Data File : BP025899.D
 Acq On : 30 Sep 2025 20:14
 Operator : CG/JU
 Sample : Q3238-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RCA

Quant Time: Oct 01 01:55:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

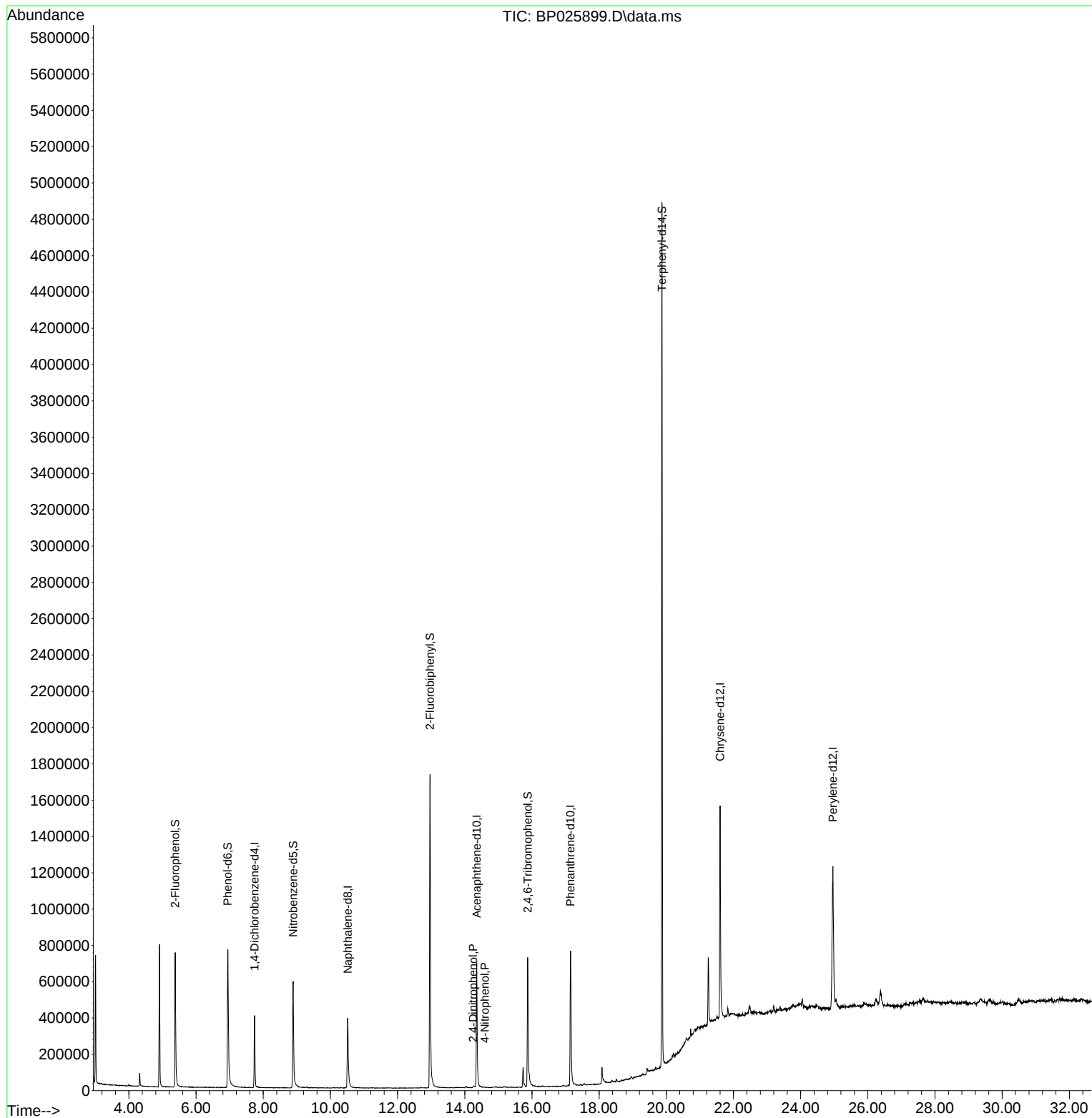
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	115585	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	449301	20.000	ng	-0.01
39) Acenaphthene-d10	14.354	164	307634	20.000	ng	-0.02
64) Phenanthrene-d10	17.148	188	669139	20.000	ng	-0.04
76) Chrysene-d12	21.601	240	816530	20.000	ng	-0.04
86) Perylene-d12	24.960	264	942797	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	395339	55.189	ng	0.00
7) Phenol-d6	6.943	99	629614	66.126	ng	0.00
23) Nitrobenzene-d5	8.890	82	450488	44.228	ng	-0.01
42) 2,4,6-Tribromophenol	15.872	330	195656	50.990	ng	-0.04
45) 2-Fluorobiphenyl	12.966	172	1178251	50.997	ng	-0.02
79) Terphenyl-d14	19.872	244	2521720	55.559	ng	-0.04
Target Compounds						
54) 2,4-Dinitrophenol	14.248	184	17	4.829	ng	Qvalue 93
56) 4-Nitrophenol	14.595	139	14	4.485	ng	# 1

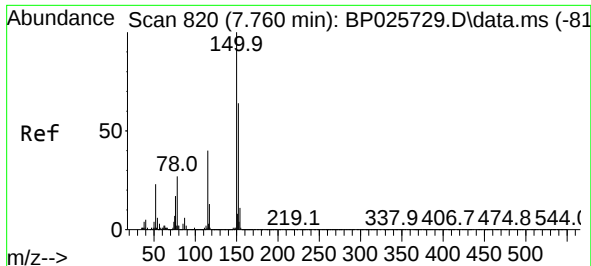
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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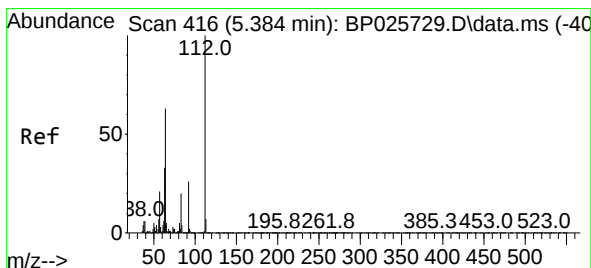
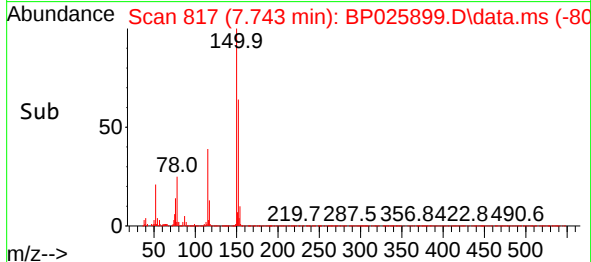
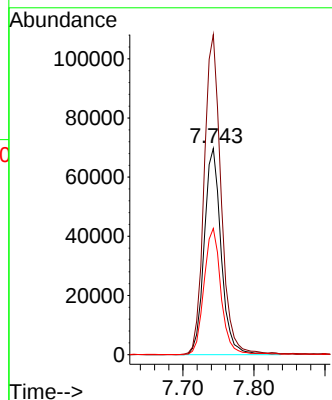
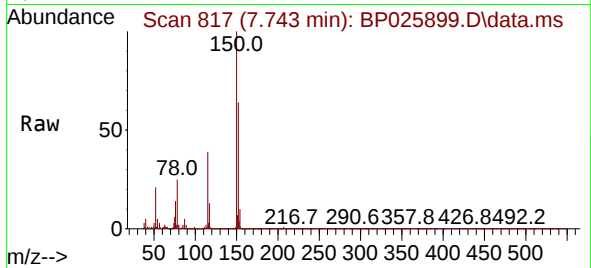




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

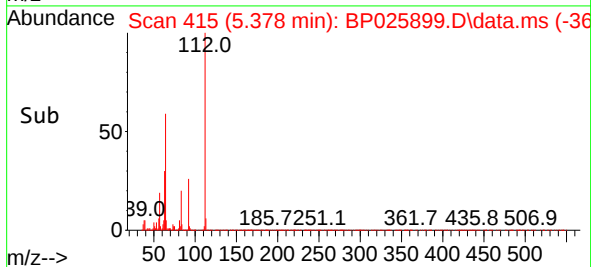
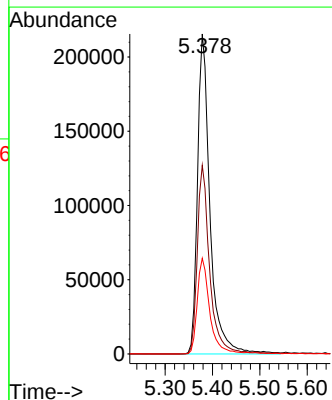
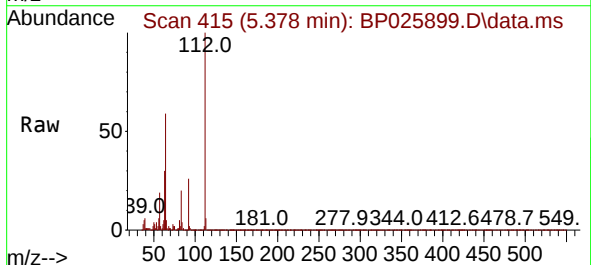
Instrument :
BNA_P
ClientSampleId :
RCA

Tgt Ion:152 Resp: 115585
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 61.2 50.3 75.5



#5
2-Fluorophenol
Concen: 55.189 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

Tgt Ion:112 Resp: 395339
Ion Ratio Lower Upper
112 100
64 58.9 50.2 75.4
63 29.9 26.7 40.1

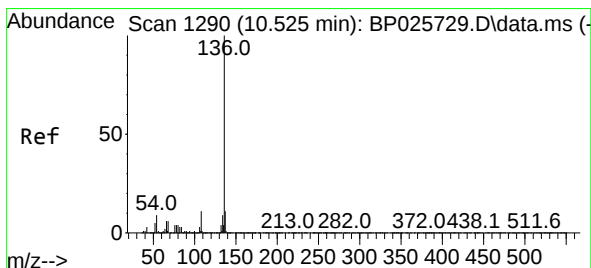
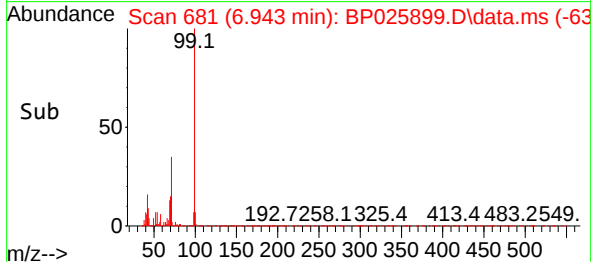
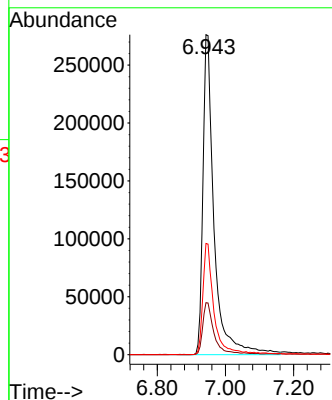
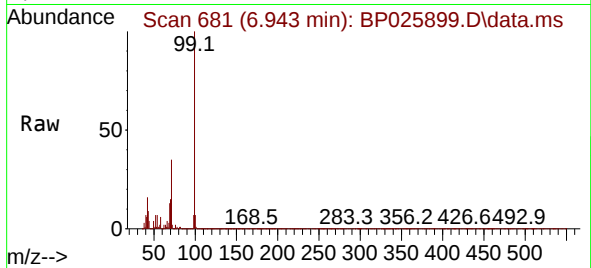




#7
Phenol-d6
Concen: 66.126 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

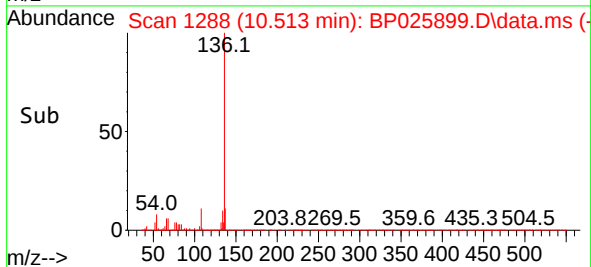
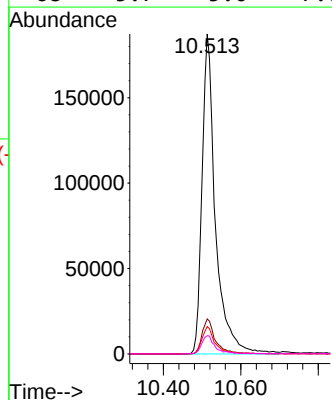
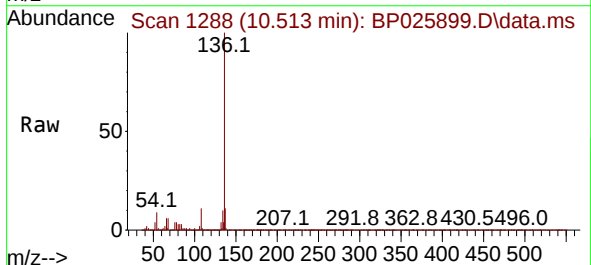
Instrument :
BNA_P
ClientSampleId :
RCA

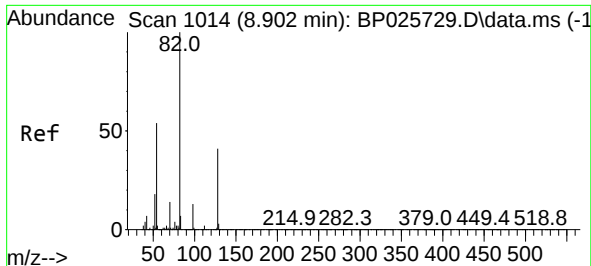
Tgt Ion: 99 Resp: 629614
Ion Ratio Lower Upper
99 100
42 16.3 15.6 23.4
71 34.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

Tgt Ion: 136 Resp: 449301
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.6 7.5 11.3
68 5.7 5.0 7.6

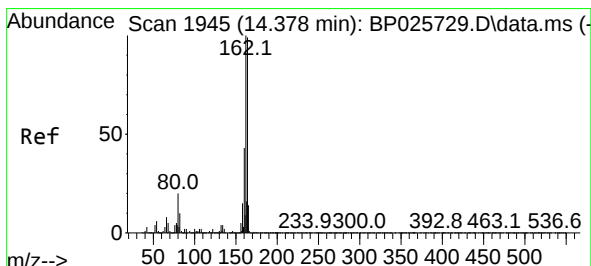
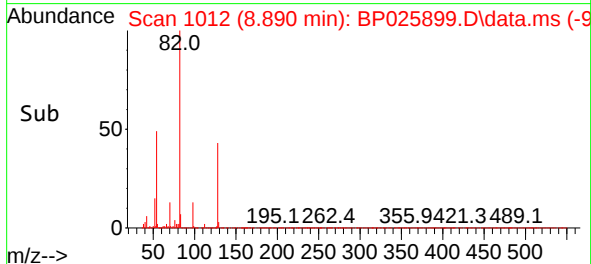
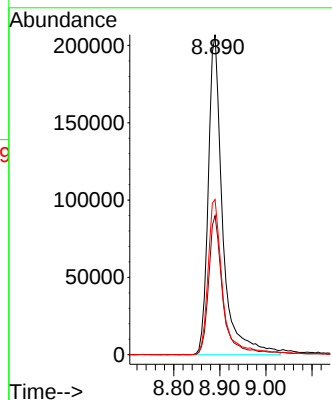
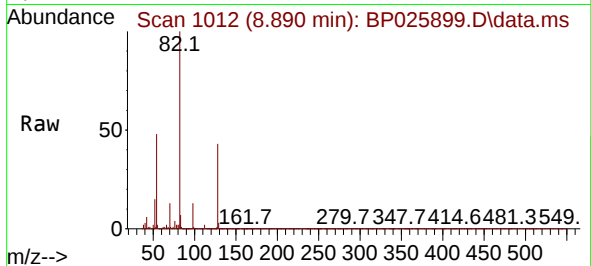




#23
Nitrobenzene-d5
Concen: 44.228 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

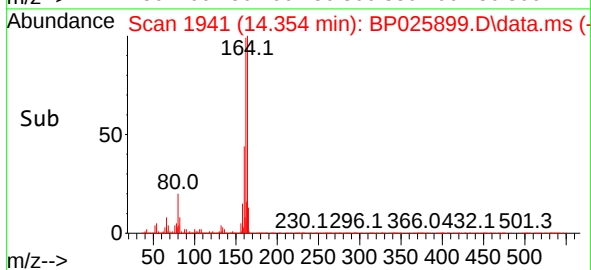
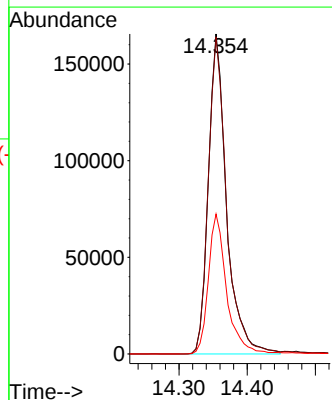
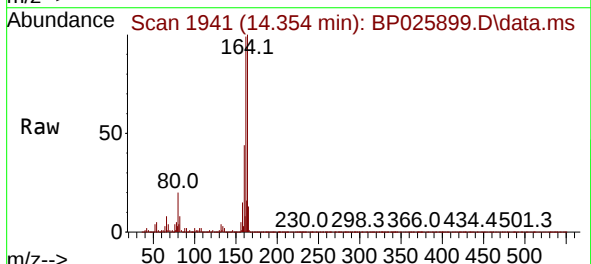
Instrument :
BNA_P
ClientSampleId :
RCA

Tgt Ion: 82 Resp: 450488
Ion Ratio Lower Upper
82 100
128 43.5 32.9 49.3
54 48.5 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

Tgt Ion: 164 Resp: 307634
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 43.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 50.990 ng

RT: 15.872 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP025899.D

Acq: 30 Sep 2025 20:14

Instrument :

BNA_P

ClientSampleId :

RCA

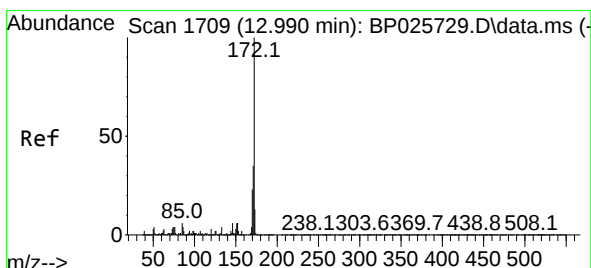
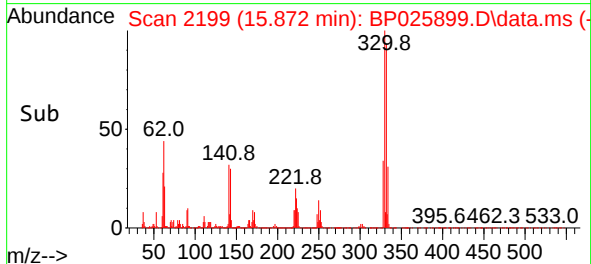
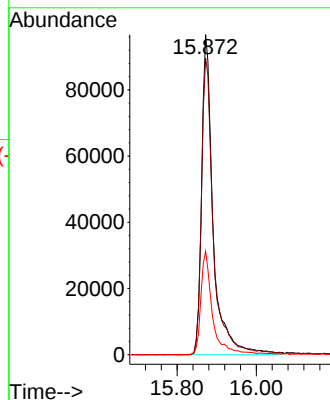
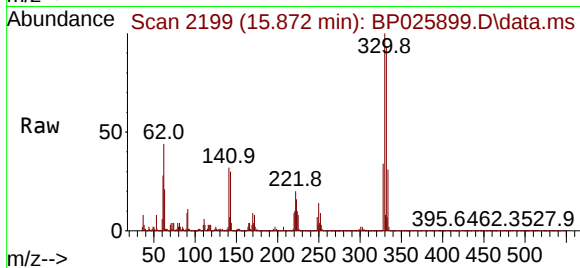
Tgt Ion:330 Resp: 195656

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

141 32.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 50.997 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.024 min

Lab File: BP025899.D

Acq: 30 Sep 2025 20:14

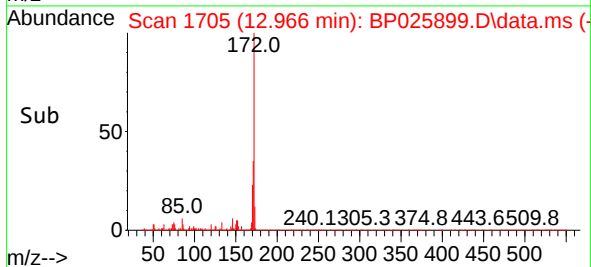
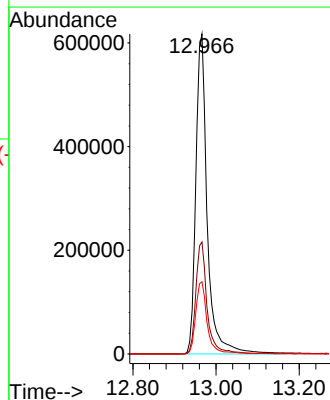
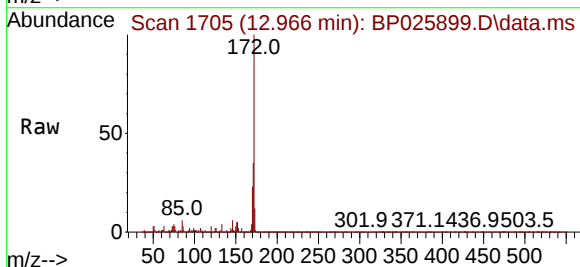
Tgt Ion:172 Resp: 1178251

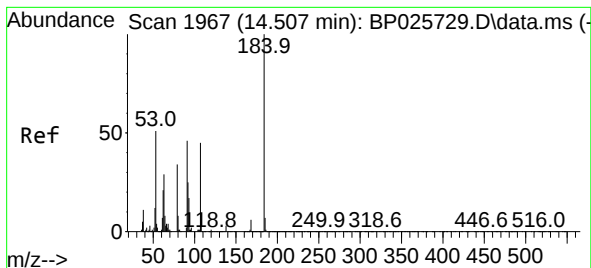
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 22.6 18.6 27.8





#54

2,4-Dinitrophenol

Concen: 4.829 ng

RT: 14.248 min Scan# 1967

Delta R.T. -0.259 min

Lab File: BP025899.D

Acq: 30 Sep 2025 20:14

Instrument :

BNA_P

ClientSampleId :

RCA

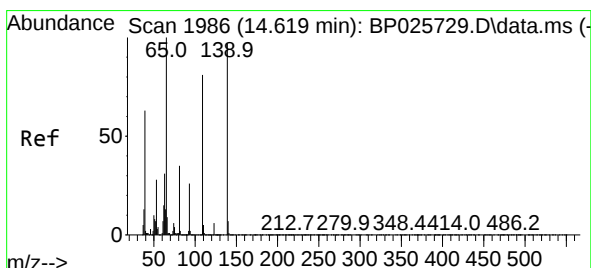
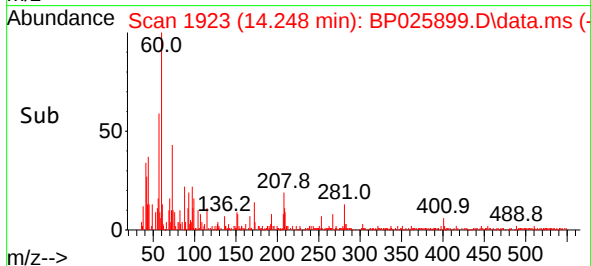
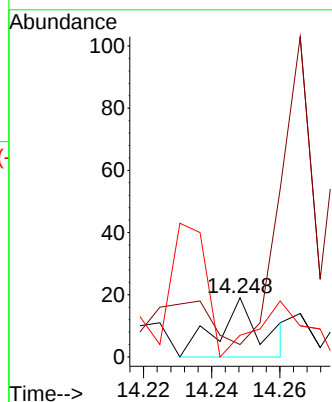
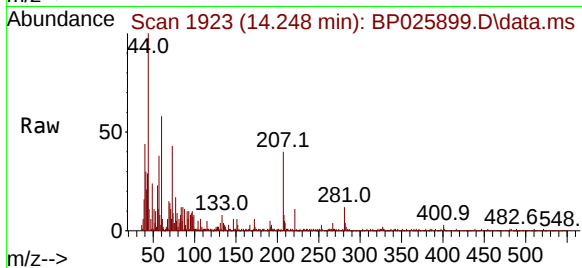
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 57.9 52.5 78.7

154 68.4 51.5 77.3



#56

4-Nitrophenol

Concen: 4.485 ng

RT: 14.595 min Scan# 1982

Delta R.T. -0.024 min

Lab File: BP025899.D

Acq: 30 Sep 2025 20:14

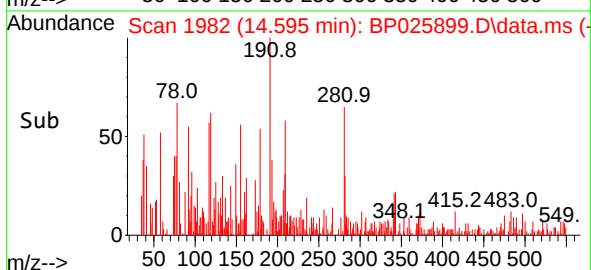
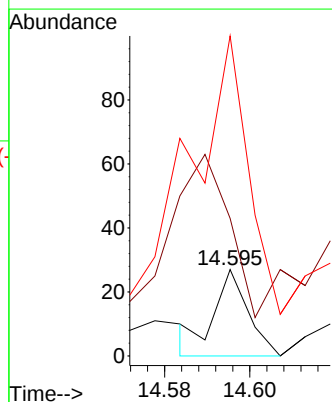
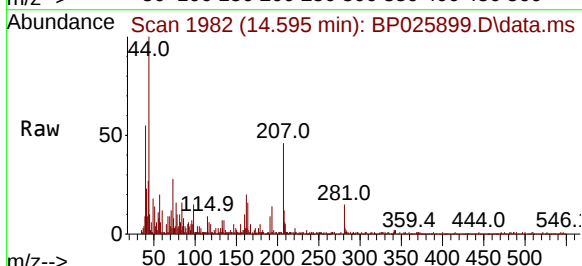
Tgt Ion:139 Resp: 14

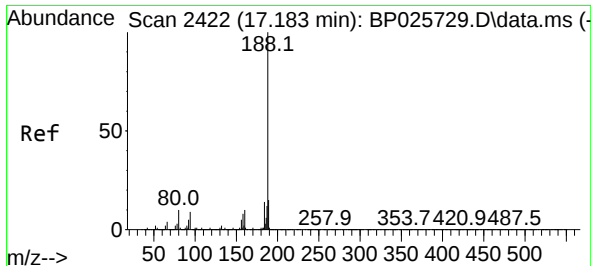
Ion Ratio Lower Upper

139 100

109 159.3 62.9 102.9#

65 370.4 83.4 123.4#

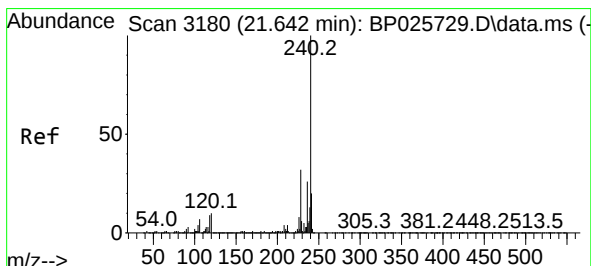
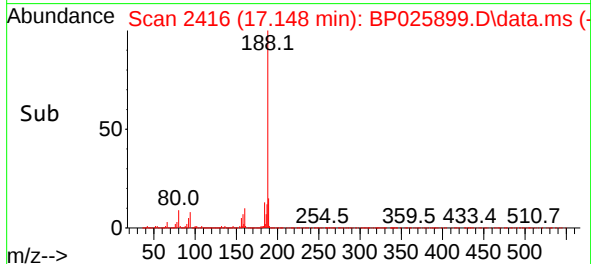
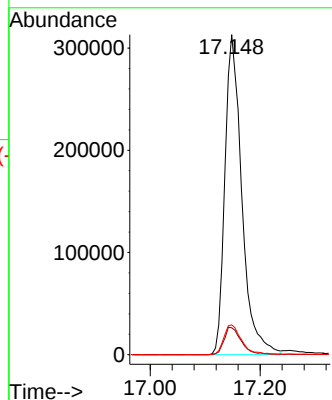
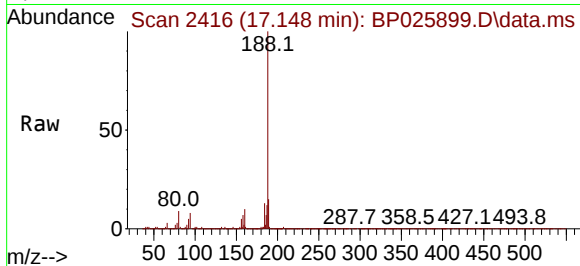




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.148 min Scan# 24
Delta R.T. -0.035 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

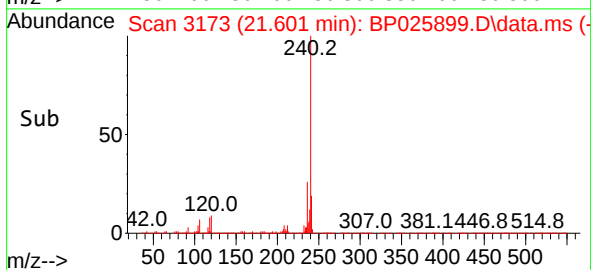
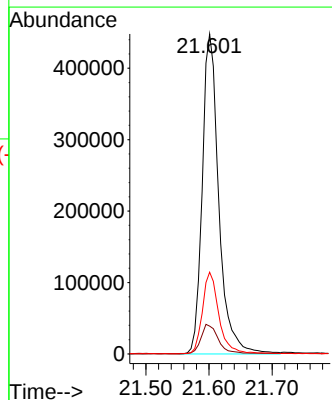
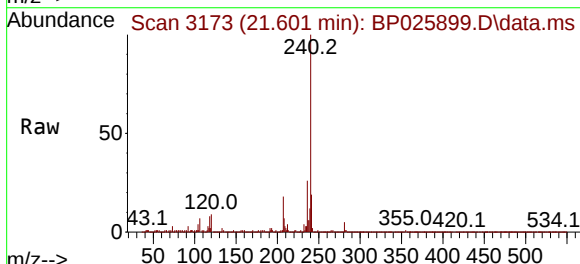
Instrument :
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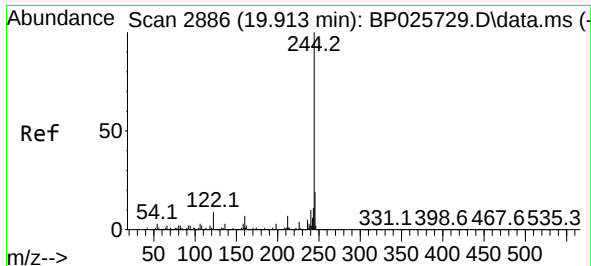
Tgt Ion:188 Resp: 669139
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.041 min
Lab File: BP025899.D
Acq: 30 Sep 2025 20:14

Tgt Ion:240 Resp: 816530
Ion Ratio Lower Upper
240 100
120 8.7 8.0 12.0
236 25.6 20.7 31.1

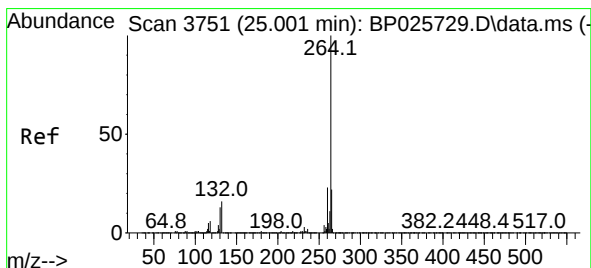
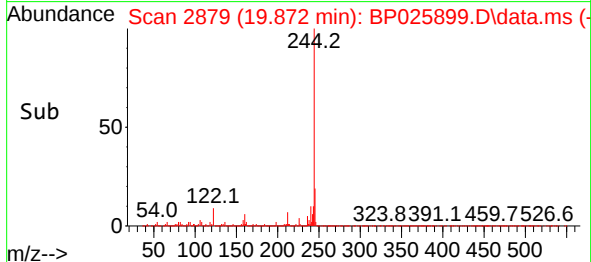
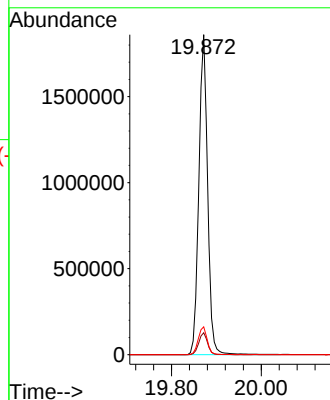
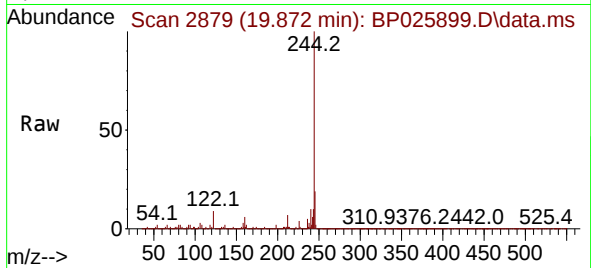




#79
 Terphenyl-d14
 Concen: 55.559 ng
 RT: 19.872 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BP025899.D
 Acq: 30 Sep 2025 20:14

Instrument :
 BNA_P
 ClientSampleId :
 RCA

Tgt Ion:244 Resp: 2521720
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.960 min Scan# 3744
 Delta R.T. -0.041 min
 Lab File: BP025899.D
 Acq: 30 Sep 2025 20:14

Tgt Ion:264 Resp: 942797
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.2 17.3 25.9

