

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
 Data File : BP025946.D
 Acq On : 07 Oct 2025 17:18
 Operator : RC/JU
 Sample : Q3297-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP1

Quant Time: Oct 07 17:40:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

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

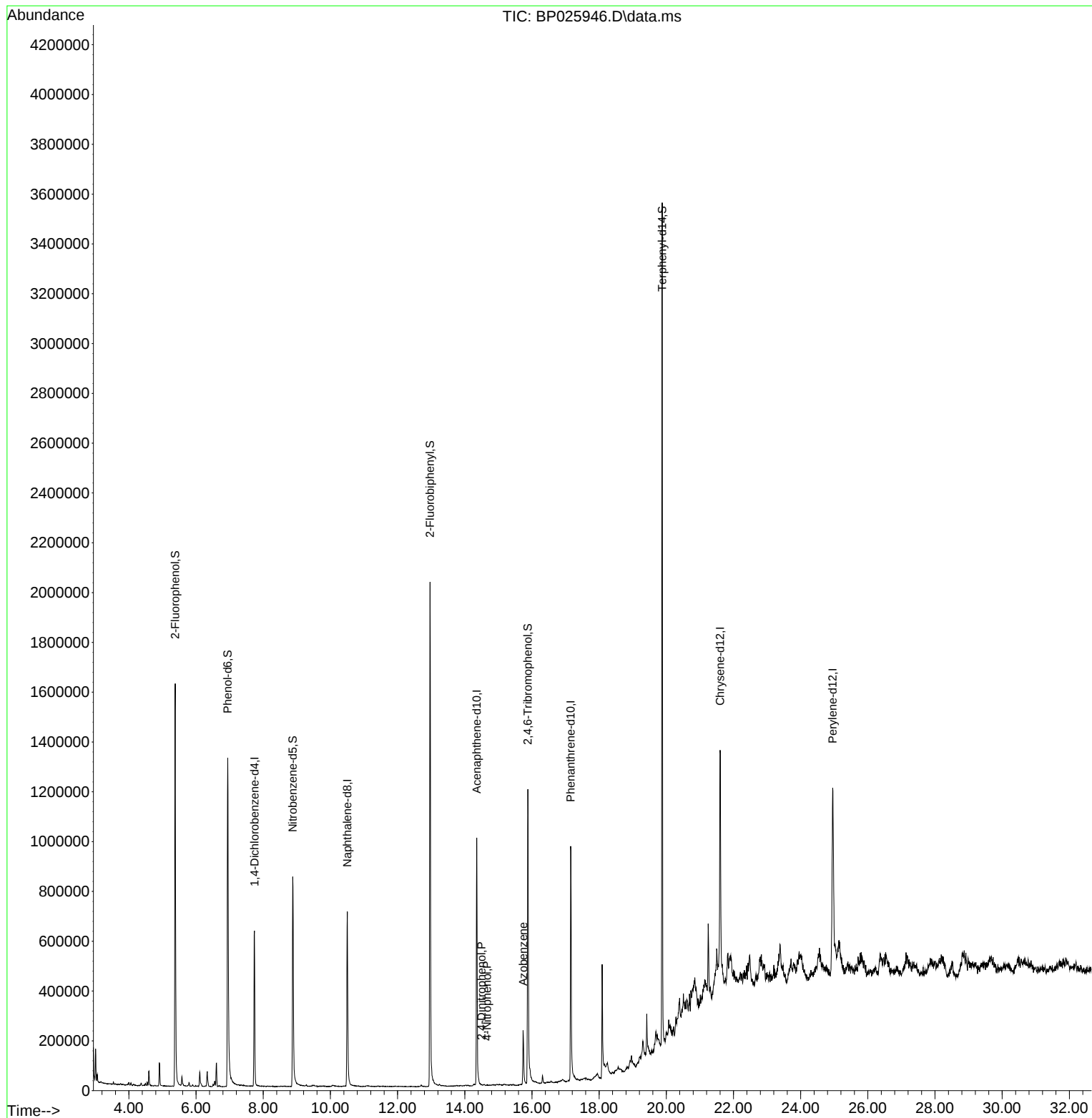
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	185900	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	687961	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	417502	20.000	ng	-0.02
64) Phenanthrene-d10	17.154	188	676419	20.000	ng	-0.03
76) Chrysene-d12	21.601	240	713271	20.000	ng	-0.04
86) Perylene-d12	24.954	264	862006	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	790078	68.576	ng	0.00
7) Phenol-d6	6.943	99	1037906	67.776	ng	0.00
23) Nitrobenzene-d5	8.878	82	598290	38.361	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	326183	62.637	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	1275264	40.671	ng	-0.02
79) Terphenyl-d14	19.877	244	1749048	44.114	ng	-0.04
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.495	184	62	4.838	ng	# 61
56) 4-Nitrophenol	14.660	139	68	4.493	ng	89
63) Azobenzene	15.736	77	86961	2.782	ng	# 1

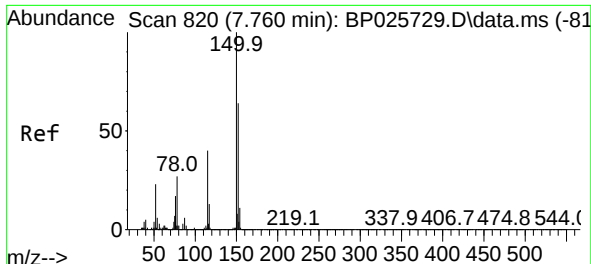
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025946.D
Acq On : 07 Oct 2025 17:18
Operator : RC/JU
Sample : Q3297-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1

Quant Time: Oct 07 17:40:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

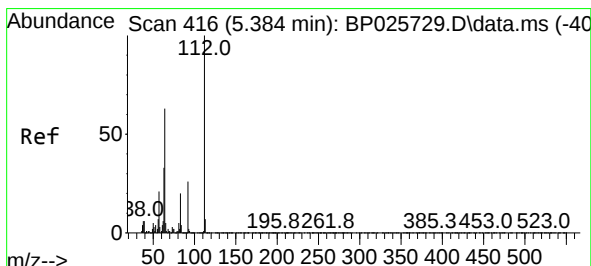
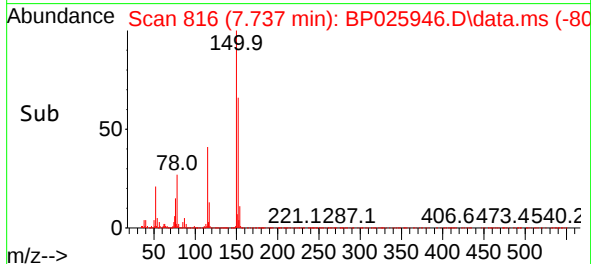
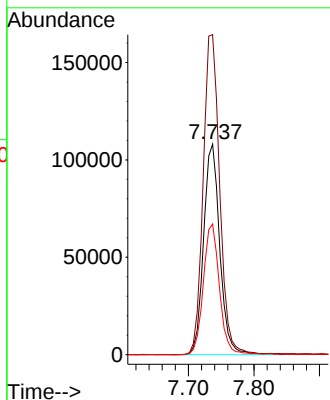
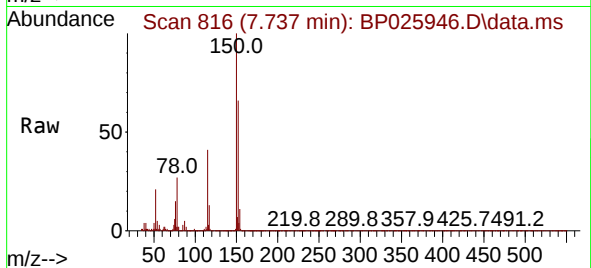




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

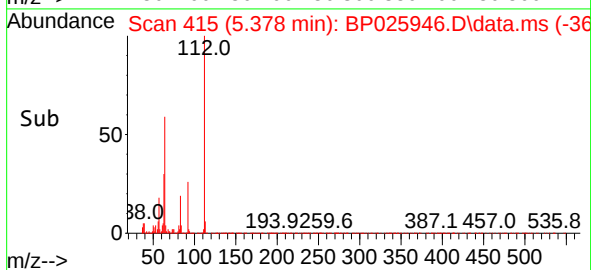
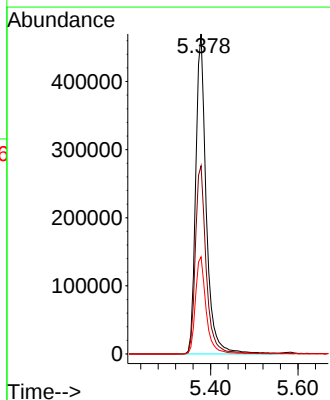
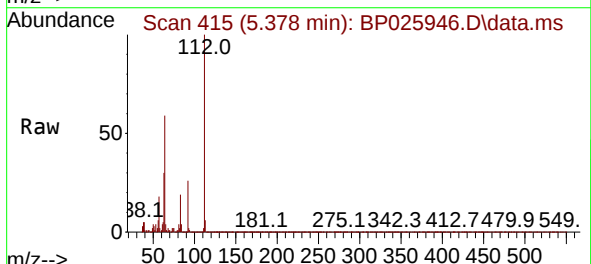
Instrument :
BNA_P
ClientSampleId :
TP1

Tgt Ion:152 Resp: 185900
Ion Ratio Lower Upper
152 100
150 152.0 124.3 186.5
115 62.1 50.3 75.5



#5
2-Fluorophenol
Concen: 68.576 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

Tgt Ion:112 Resp: 790078
Ion Ratio Lower Upper
112 100
64 58.8 50.2 75.4
63 30.3 26.7 40.1

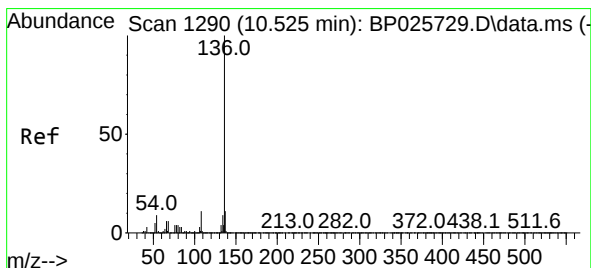
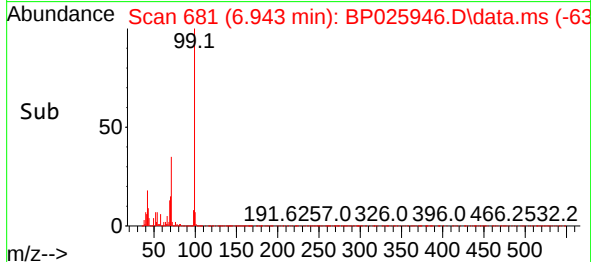
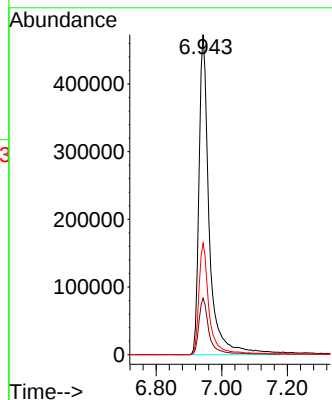
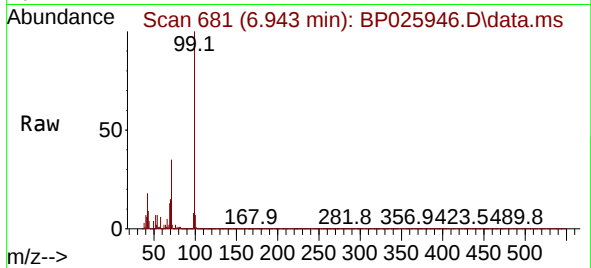




#7
Phenol-d6
Concen: 67.776 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

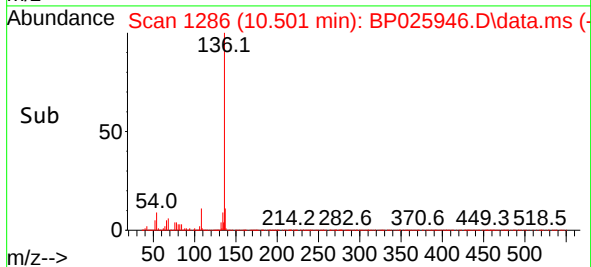
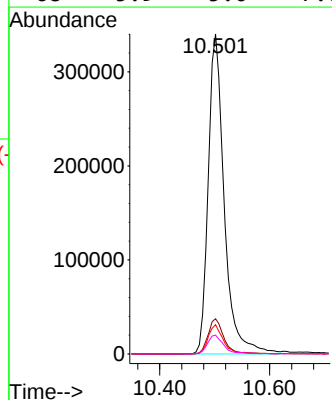
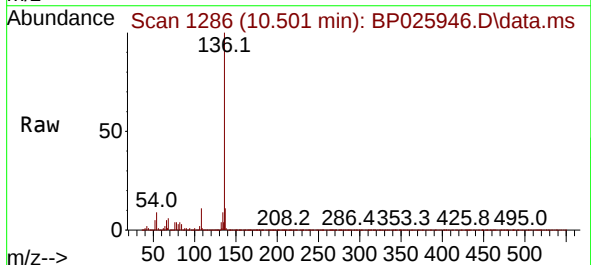
Instrument :
BNA_P
ClientSampleId :
TP1

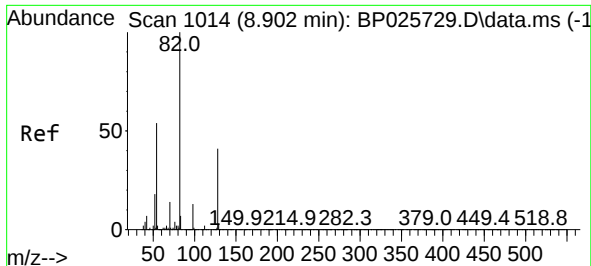
Tgt Ion: 99 Resp: 1037906
Ion Ratio Lower Upper
99 100
42 17.7 15.6 23.4
71 34.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. -0.024 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

Tgt Ion:136 Resp: 687961
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.1 7.5 11.3
68 5.9 5.0 7.6

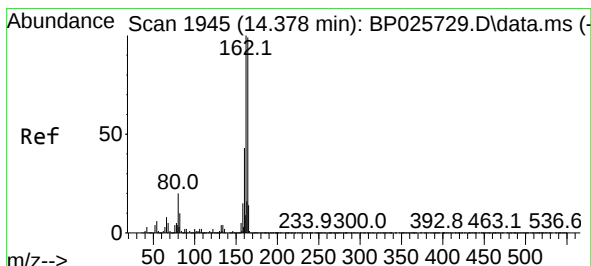
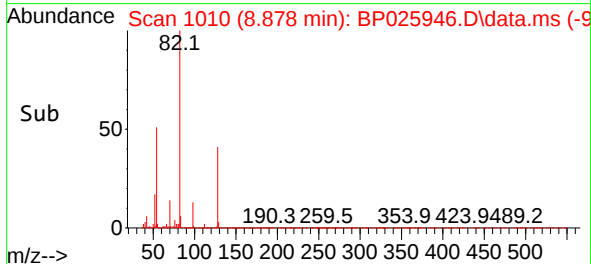
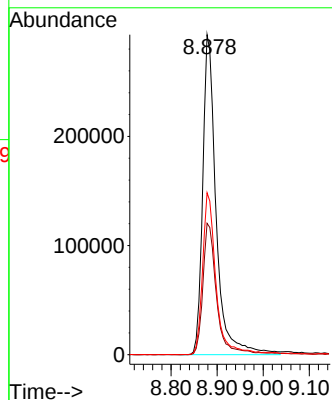
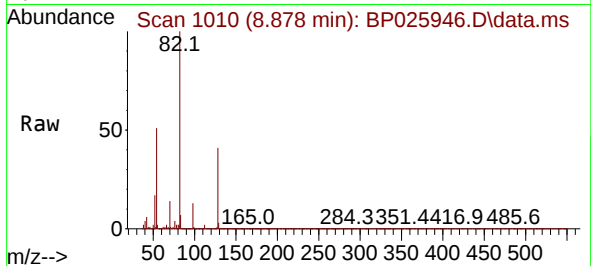




#23
Nitrobenzene-d5
Concen: 38.361 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

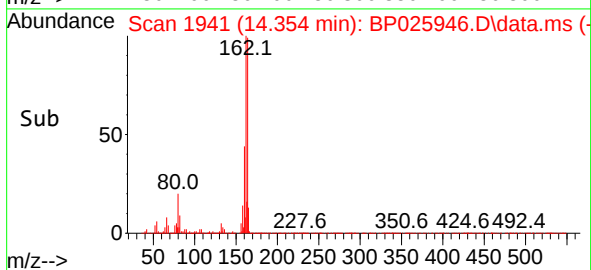
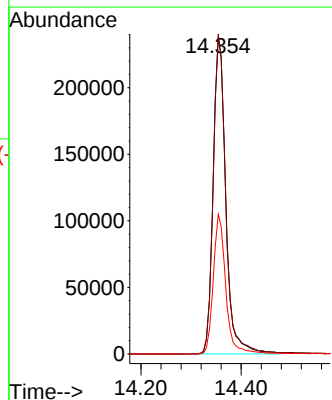
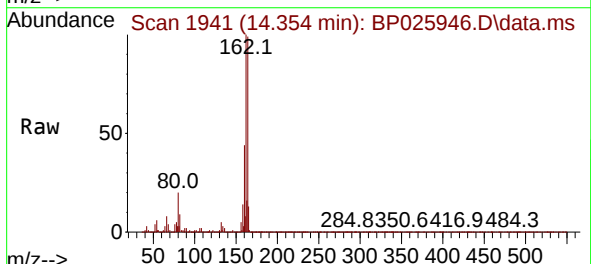
Instrument :
BNA_P
ClientSampleId :
TP1

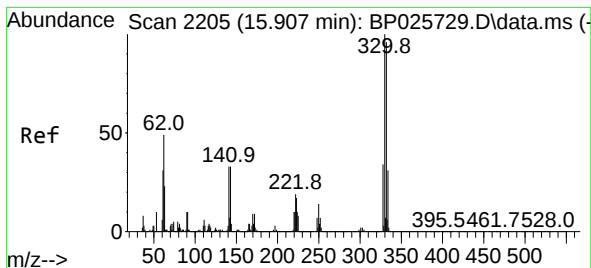
Tgt Ion: 82 Resp: 598290
Ion Ratio Lower Upper
82 100
128 41.0 32.9 49.3
54 50.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

Tgt Ion: 164 Resp: 417502
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 62.637 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP025946.D

Acq: 07 Oct 2025 17:18

Instrument :

BNA_P

ClientSampleId :

TP1

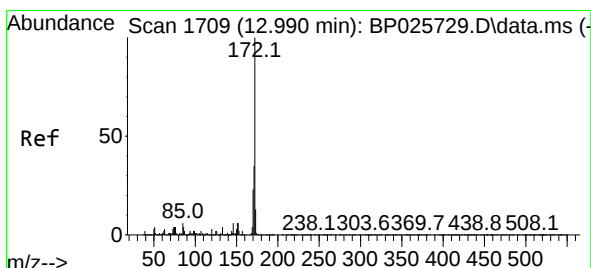
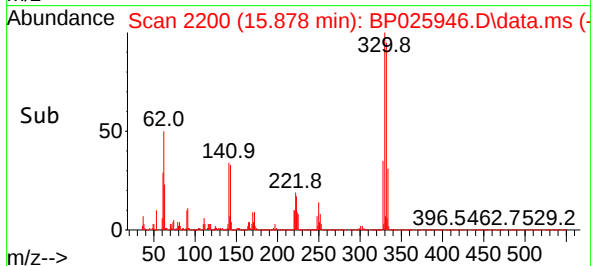
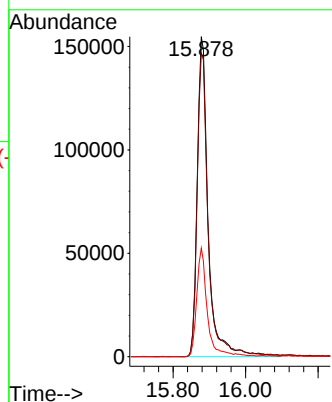
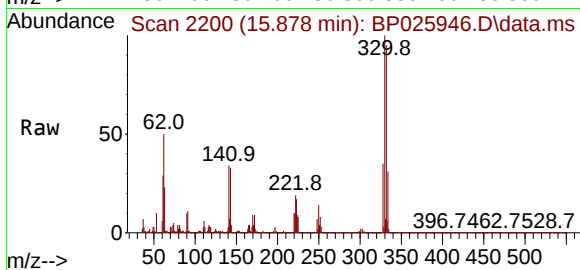
Tgt Ion:330 Resp: 326183

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 32.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 40.671 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.024 min

Lab File: BP025946.D

Acq: 07 Oct 2025 17:18

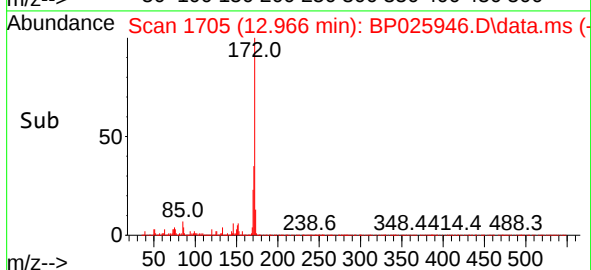
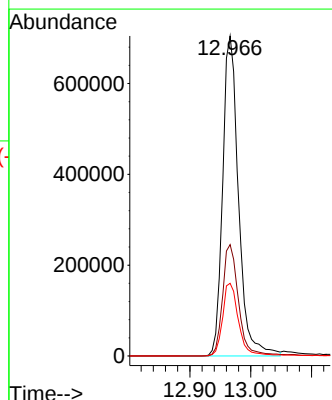
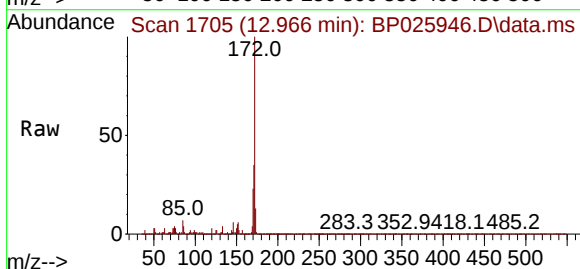
Tgt Ion:172 Resp: 1275264

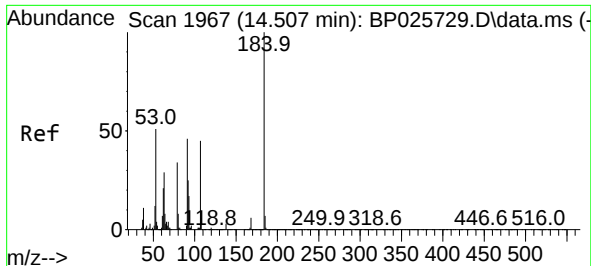
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 22.7 18.6 27.8

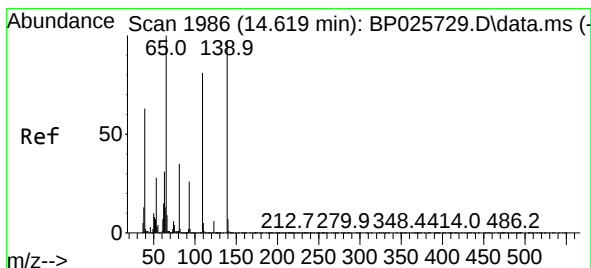
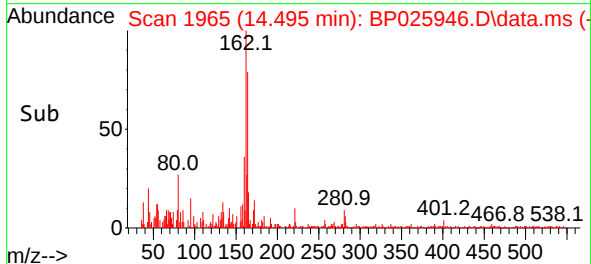
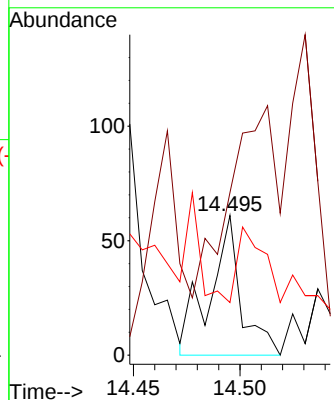
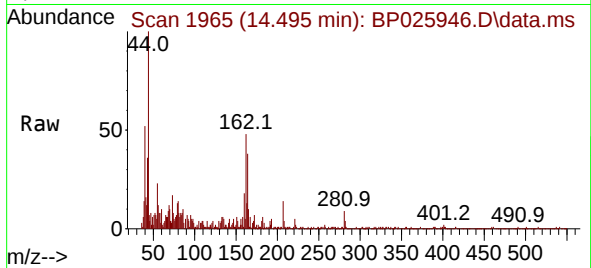




#54
2,4-Dinitrophenol
Concen: 4.838 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

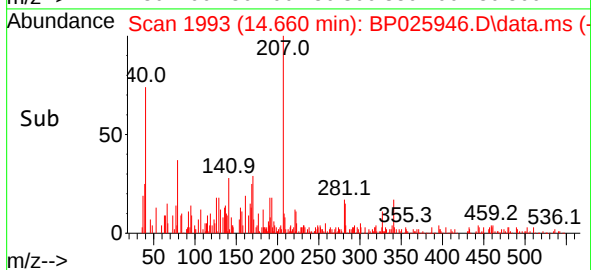
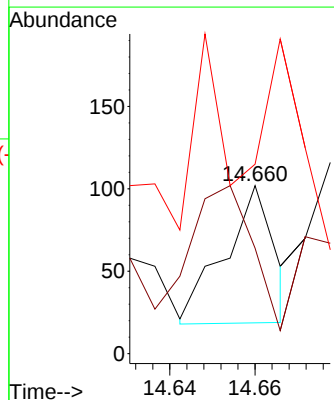
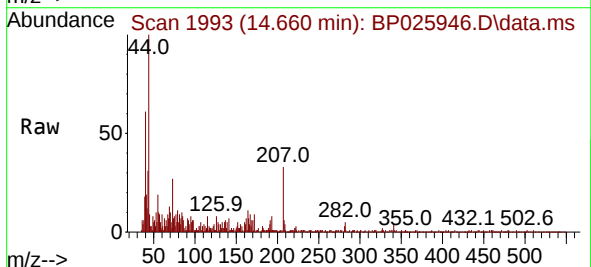
Instrument :
BNA_P
ClientSampleId :
TP1

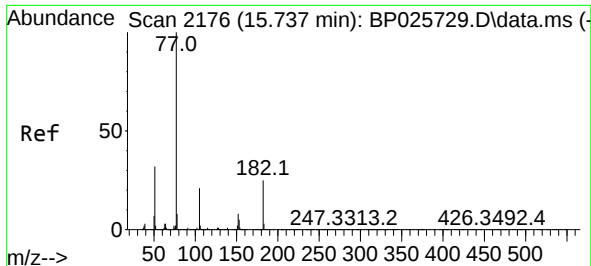
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 93.4 52.5 78.7#
154 30.3 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.493 ng
RT: 14.660 min Scan# 1993
Delta R.T. 0.041 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 71.6 62.9 102.9
65 112.7 83.4 123.4

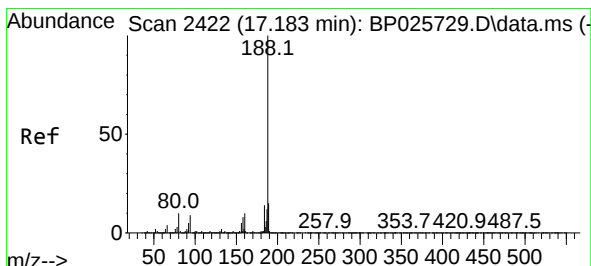
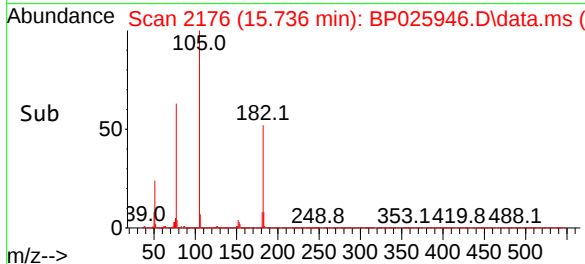
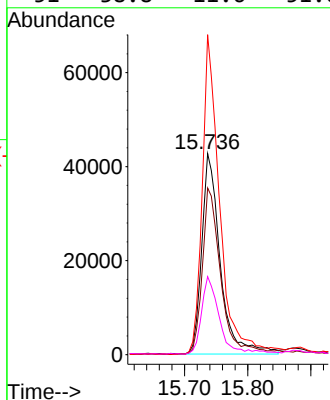
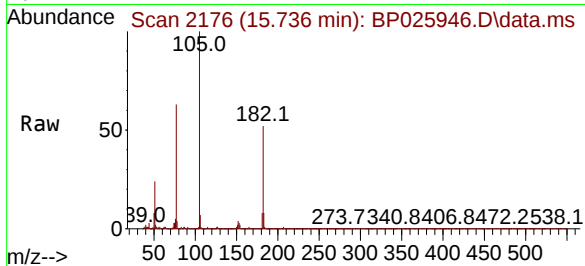




#63
Azobenzene
Concen: 2.782 ng
RT: 15.736 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

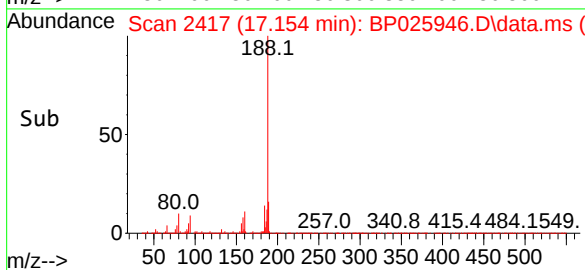
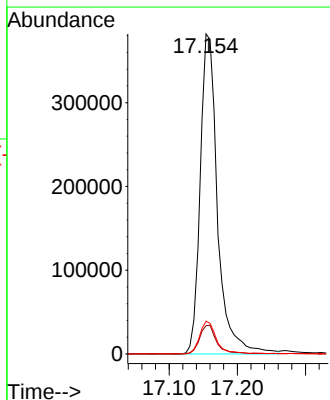
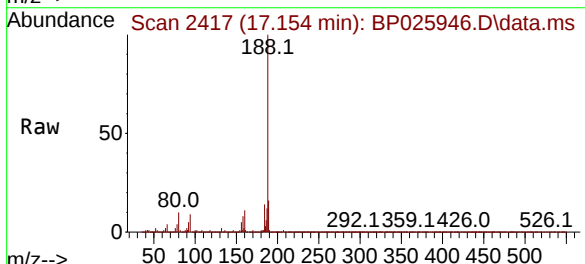
Instrument :
BNA_P
ClientSampleId :
TP1

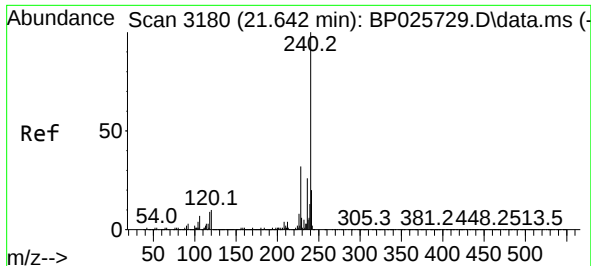
Tgt Ion:	77	Resp:	86961
Ion	Ratio	Lower	Upper
77	100		
182	82.9	5.2	45.2#
105	159.0	1.1	41.1#
51	38.8	11.6	51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 2417
Delta R.T. -0.029 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

Tgt Ion:	188	Resp:	676419
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.0
80	10.2	7.7	11.5

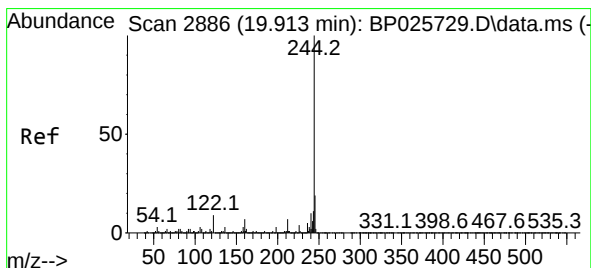
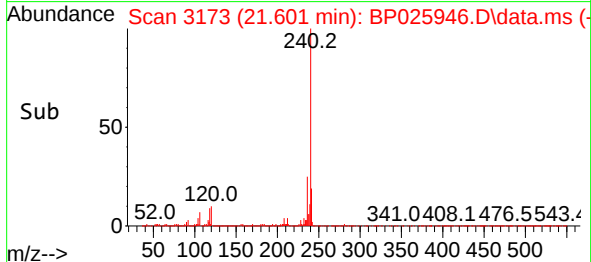
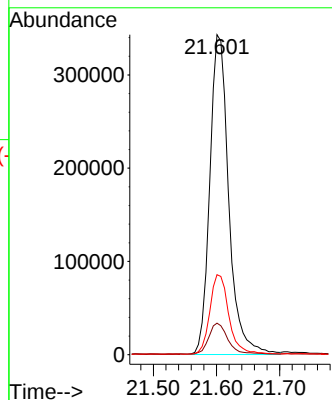
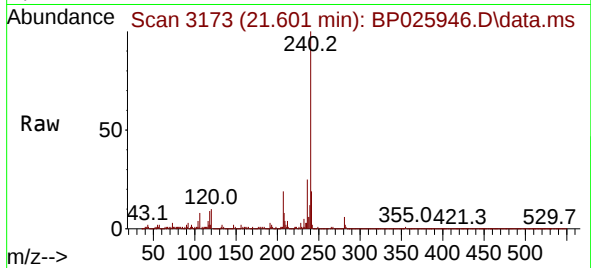




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

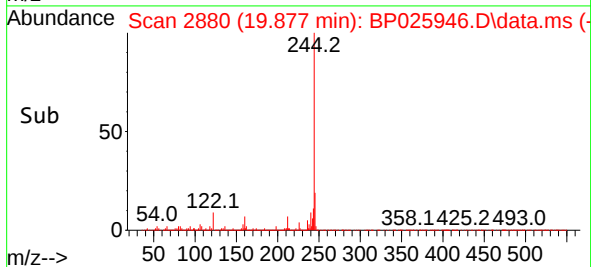
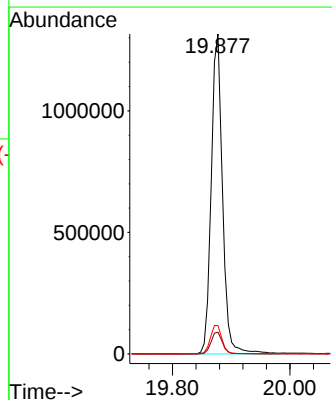
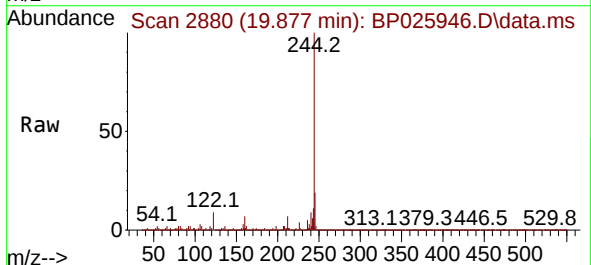
Instrument :
BNA_P
ClientSampleId :
TP1

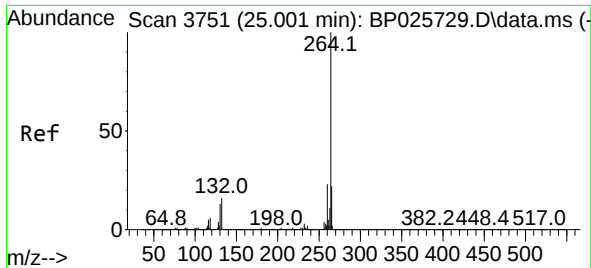
Tgt Ion:240 Resp: 713271
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.0 20.7 31.1



#79
Terphenyl-d14
Concen: 44.114 ng
RT: 19.877 min Scan# 2880
Delta R.T. -0.035 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

Tgt Ion:244 Resp: 1749048
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.9 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.954 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP025946.D
Acq: 07 Oct 2025 17:18

Instrument :
BNA_P
ClientSampleId :
TP1

Tgt Ion:264 Resp: 862006

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.3	17.3	25.9

