

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092625\
 Data File : BP025872.D
 Acq On : 26 Sep 2025 16:35
 Operator : CG/JU
 Sample : Q3200-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 26 16:59:08 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)

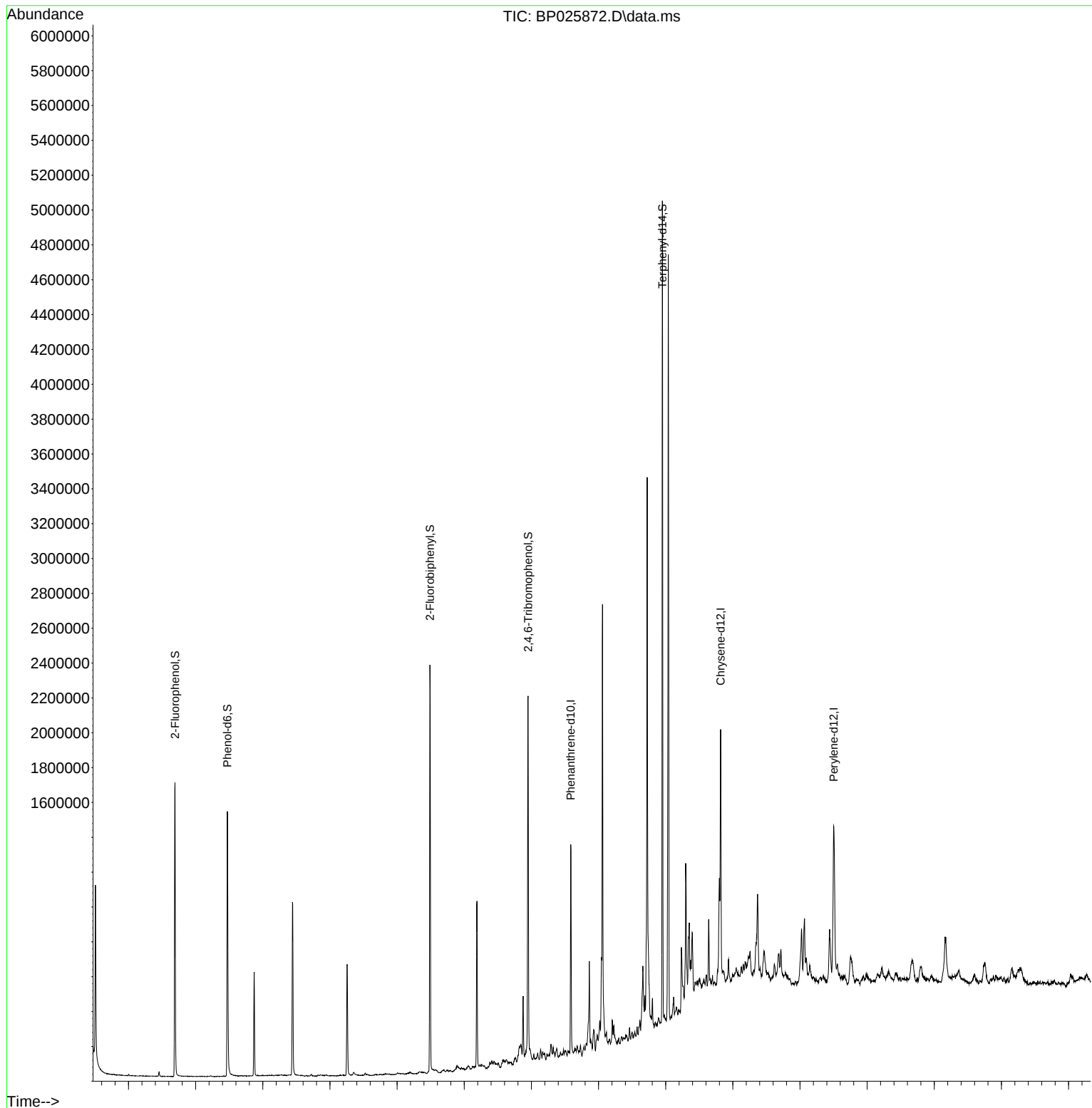
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	162569	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	603608	20.000	ng	-0.01
39) Acenaphthene-d10	14.378	164	384433	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	777642	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	866740	20.000	ng	0.00
86) Perylene-d12	25.001	264	1026024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	813251	80.718	ng	0.00
7) Phenol-d6	6.943	99	1037632	77.482	ng	0.00
23) Nitrobenzene-d5	8.884	82	620984	45.381	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	477215	99.523	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	1315821	45.574	ng	-0.01
79) Terphenyl-d14	19.901	244	2293546	47.604	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	14.478	184	157	4.861	ng	# 1
56) 4-Nitrophenol	14.501	139	165	4.510	ng	96
63) Azobenzene	15.754	77	112091	3.894	ng	# 1

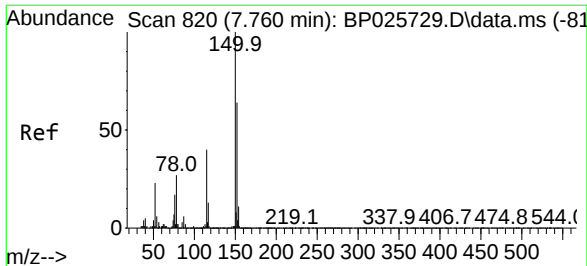
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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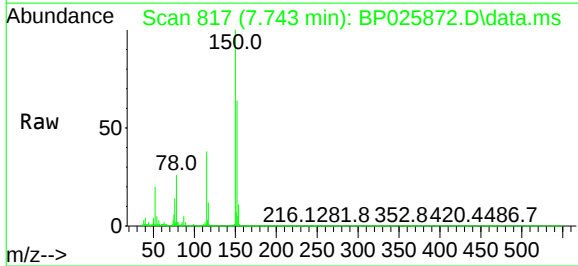
Quant Time: Sep 26 16:59:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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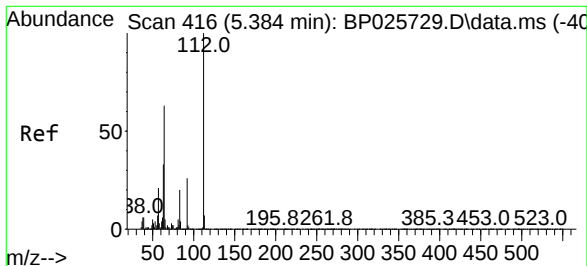
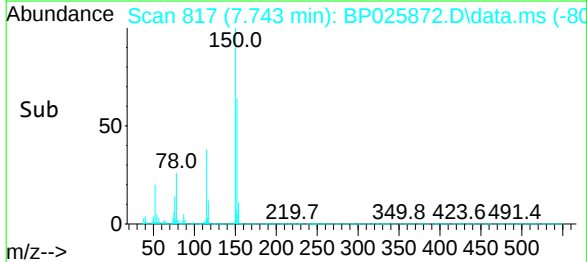
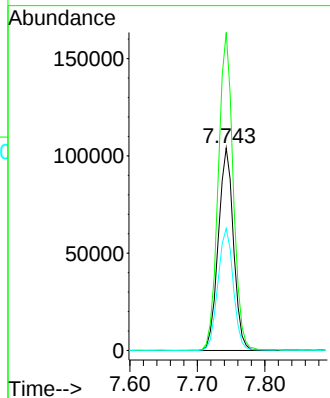


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

Instrument :
BNA_P
ClientSampleId :

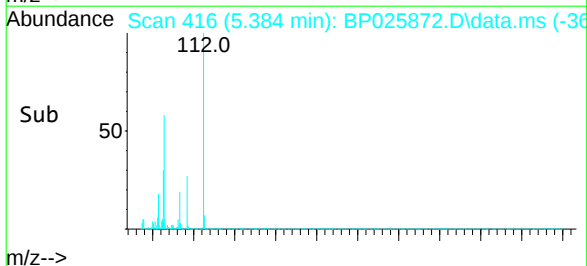
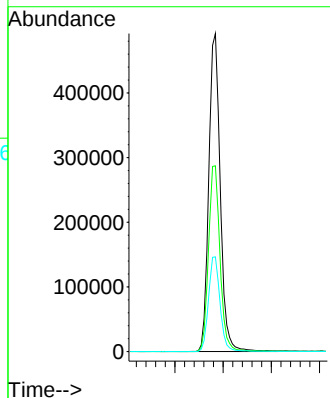
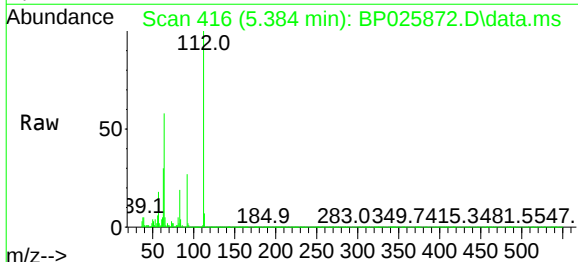


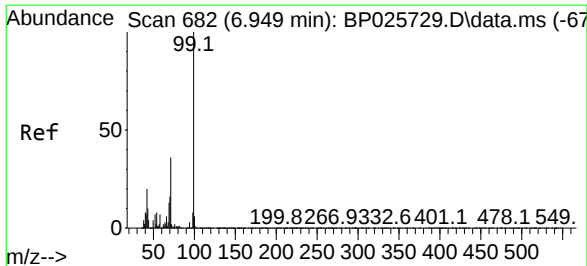
Tgt Ion:152 Resp: 162569
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 60.2 50.3 75.5



#5
2-Fluorophenol
Concen: 80.718 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

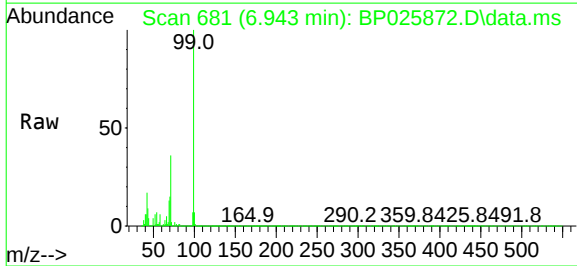
Tgt Ion:112 Resp: 813251
Ion Ratio Lower Upper
112 100
64 58.4 50.2 75.4
63 29.8 26.7 40.1



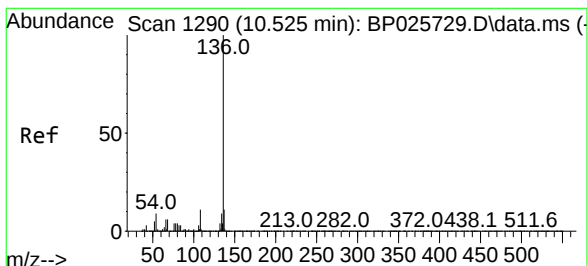
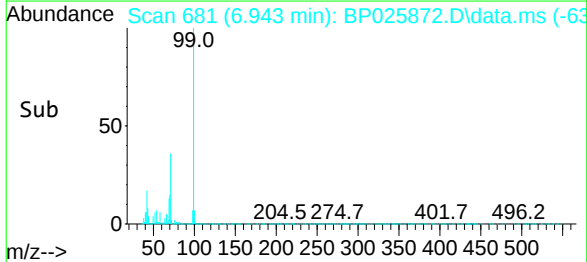
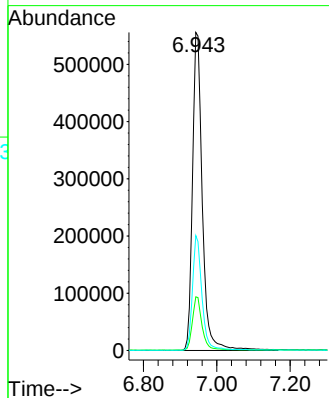


#7
Phenol-d6
Concen: 77.482 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

Instrument :
BNA_P
ClientSampleId :

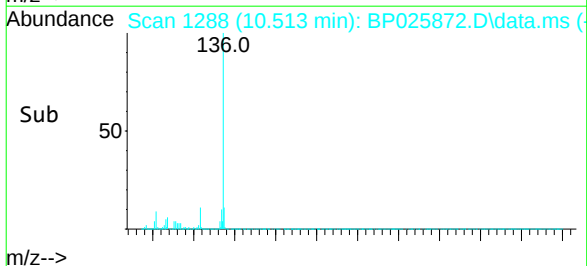
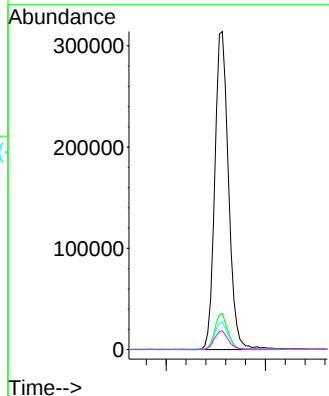
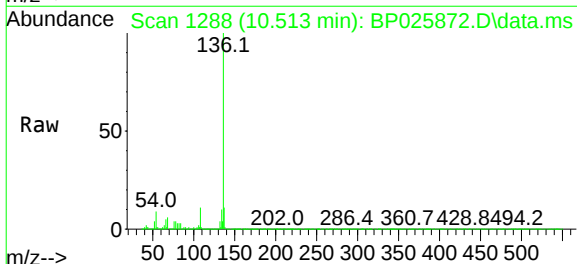


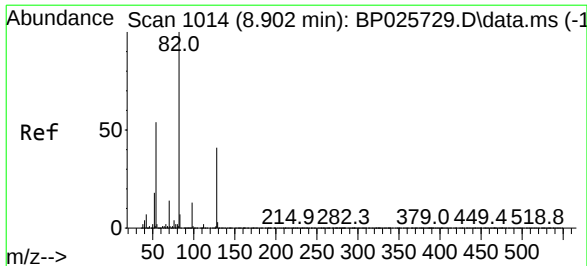
Tgt Ion: 99 Resp: 1037632
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 36.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

Tgt Ion: 136 Resp: 603608
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 8.8 7.5 11.3
68 5.9 5.0 7.6

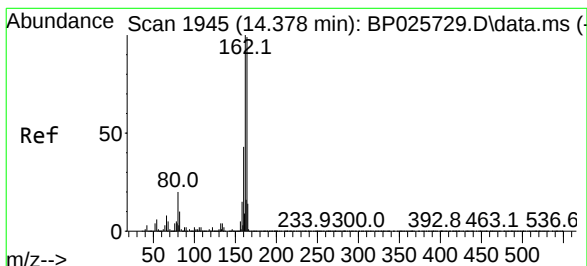
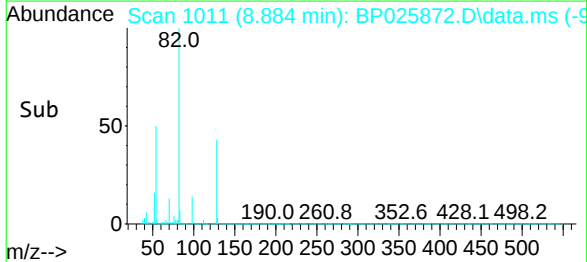
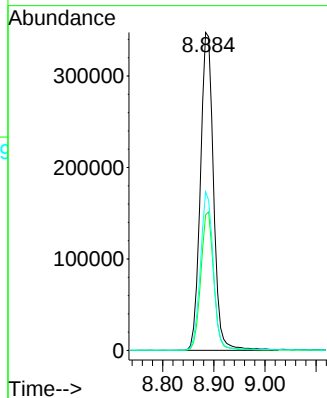
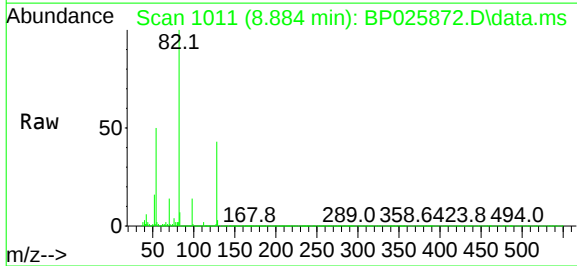




#23
Nitrobenzene-d5
Concen: 45.381 ng
RT: 8.884 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

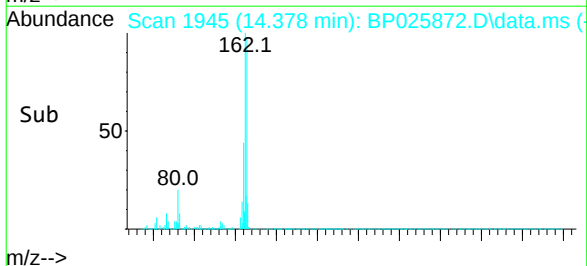
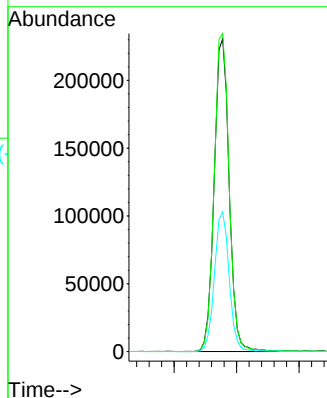
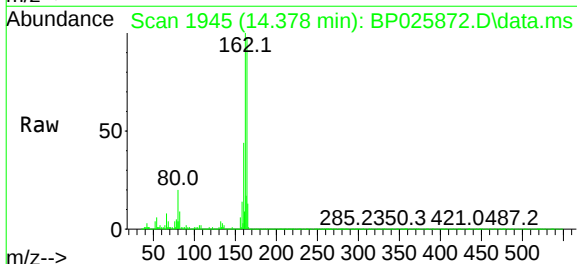
Instrument :
BNA_P
ClientSampleId :

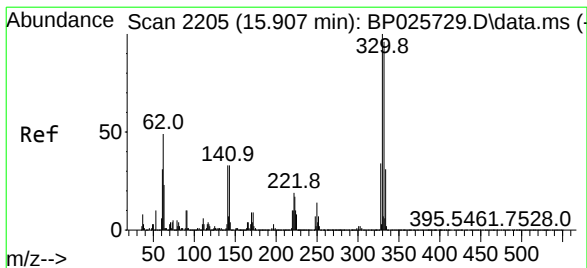
Tgt Ion: 82 Resp: 620984
Ion Ratio Lower Upper
82 100
128 42.7 32.9 49.3
54 49.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

Tgt Ion: 164 Resp: 384433
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 99.523 ng

RT: 15.901 min Scan# 2205

Delta R.T. -0.006 min

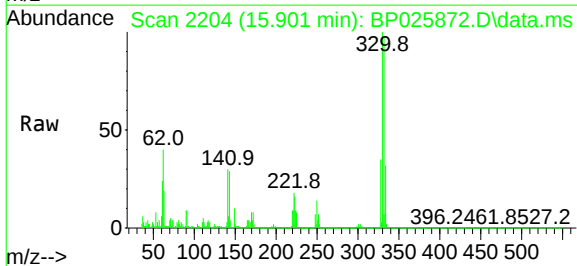
Lab File: BP025872.D

Acq: 26 Sep 2025 16:35

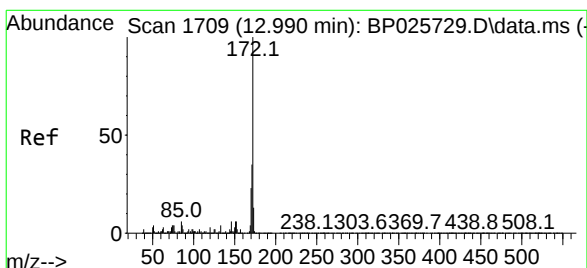
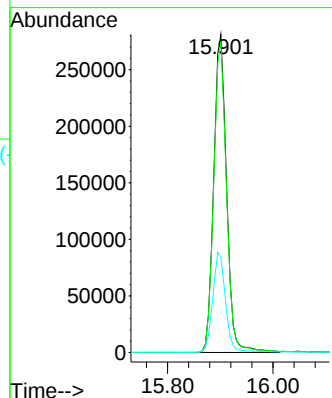
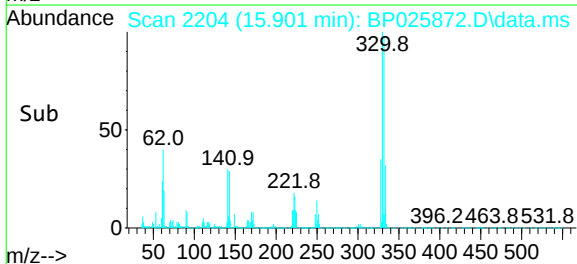
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	330	Resp:	477215
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.9	115.3
141	31.3	31.0	46.4



#45

2-Fluorobiphenyl

Concen: 45.574 ng

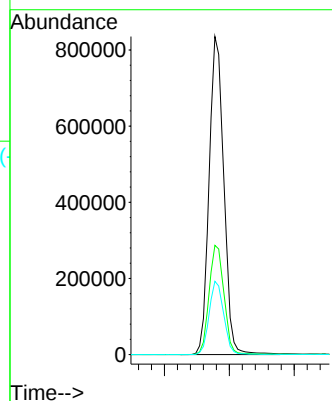
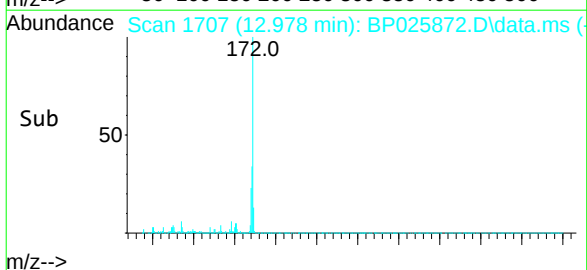
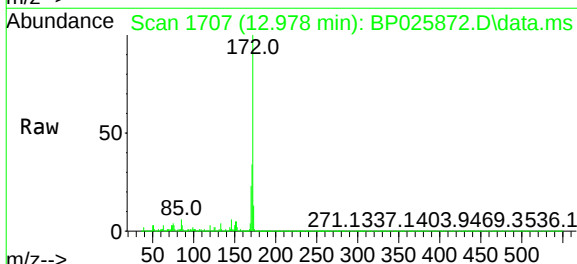
RT: 12.978 min Scan# 1707

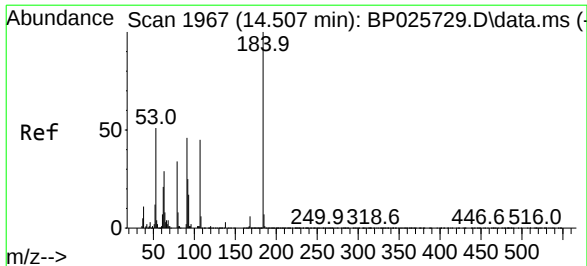
Delta R.T. -0.012 min

Lab File: BP025872.D

Acq: 26 Sep 2025 16:35

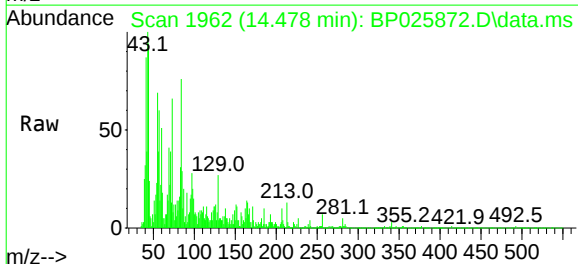
Tgt Ion:	172	Resp:	1315821
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.8	41.6
170	23.0	18.6	27.8



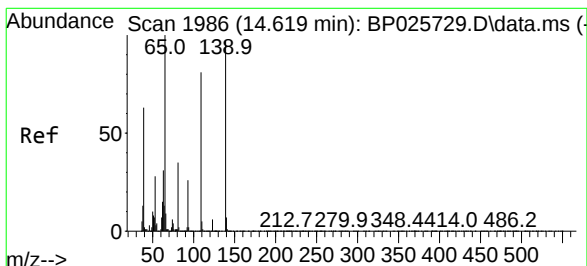
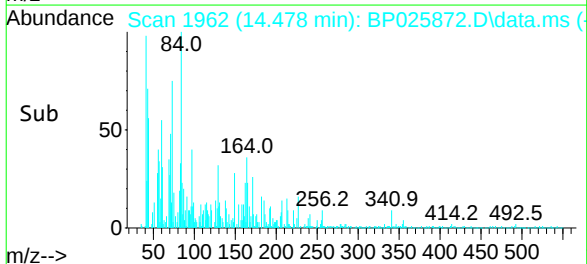
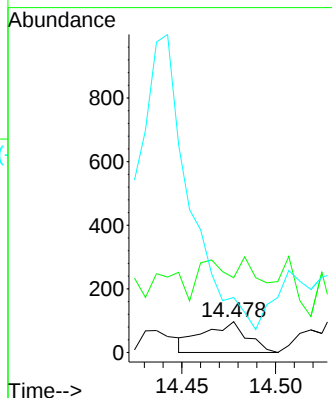


#54
2,4-Dinitrophenol
Concen: 4.861 ng
RT: 14.478 min Scan# 1967
Delta R.T. -0.029 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

Instrument :
BNA_P
ClientSampleId :

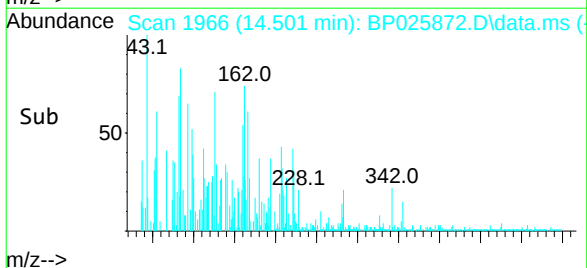
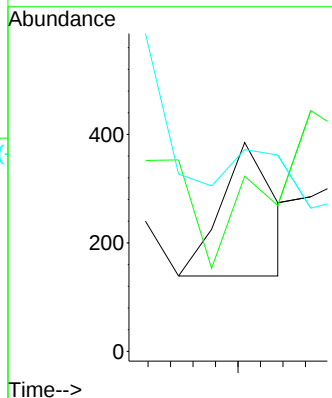
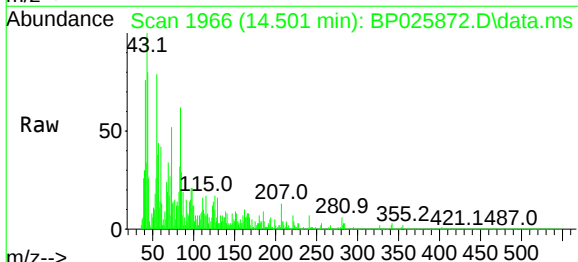


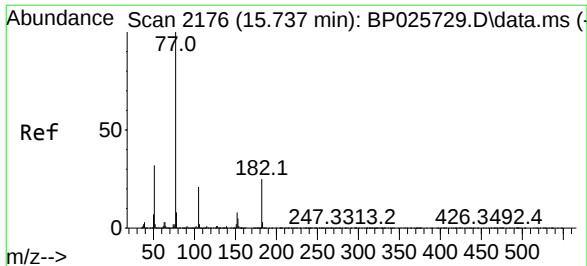
Tgt Ion	Ratio	Lower	Upper
184	100		
63	242.3	52.5	78.7#
154	178.4	51.5	77.3#



#56
4-Nitrophenol
Concen: 4.510 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.118 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.9	62.9	102.9
65	96.6	83.4	123.4





#63

Azobenzene

Concen: 3.894 ng

RT: 15.754 min Scan# 2179

Delta R.T. 0.018 min

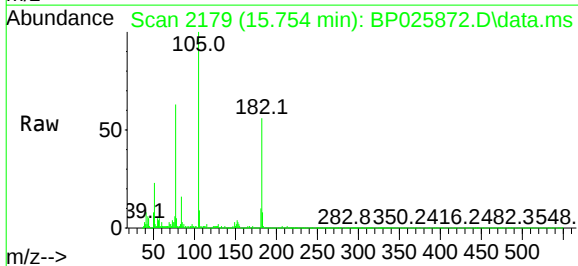
Lab File: BP025872.D

Acq: 26 Sep 2025 16:35

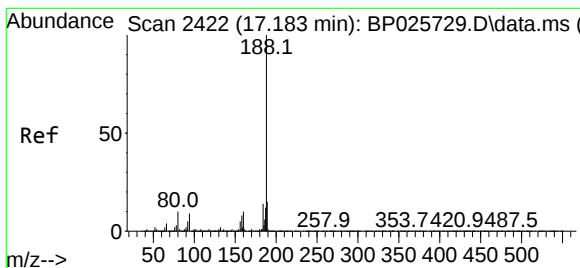
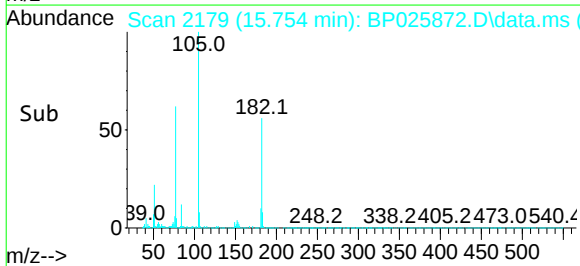
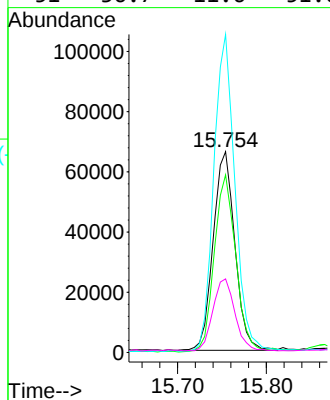
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	77	Resp:	112091
Ion	Ratio	Lower	Upper
77	100		
182	88.5	5.2	45.2#
105	158.4	1.1	41.1#
51	36.7	11.6	51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

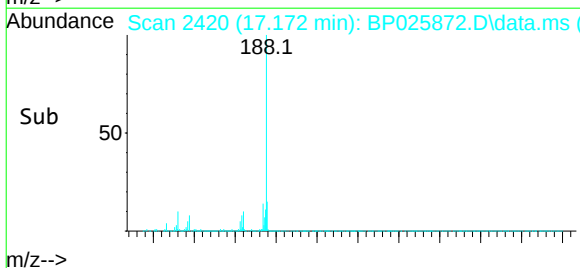
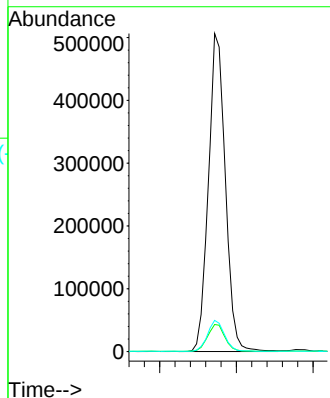
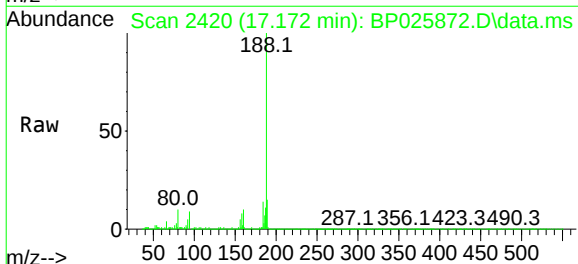
RT: 17.172 min Scan# 2420

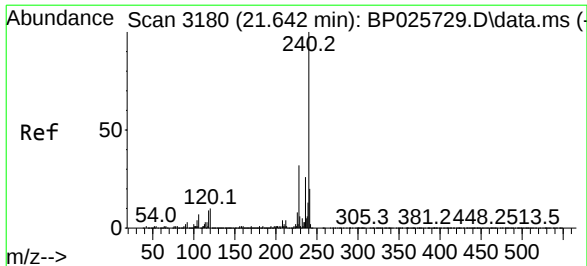
Delta R.T. -0.012 min

Lab File: BP025872.D

Acq: 26 Sep 2025 16:35

Tgt Ion:	188	Resp:	777642
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	9.8	7.7	11.5

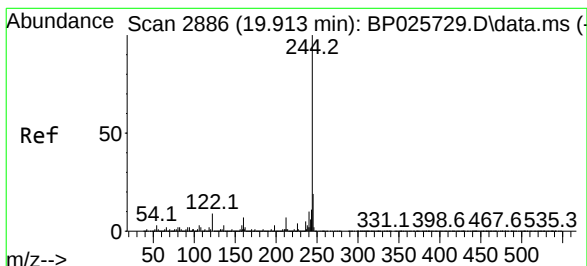
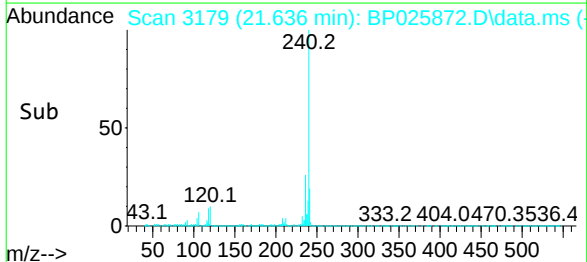
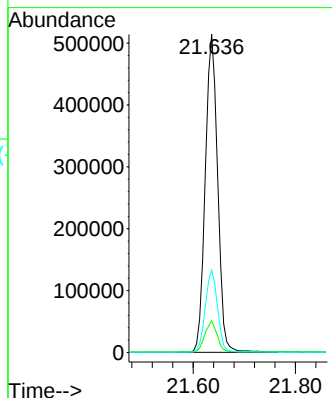
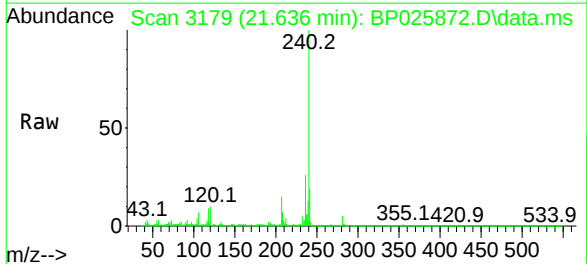




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

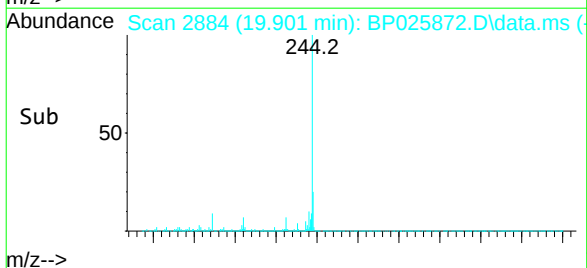
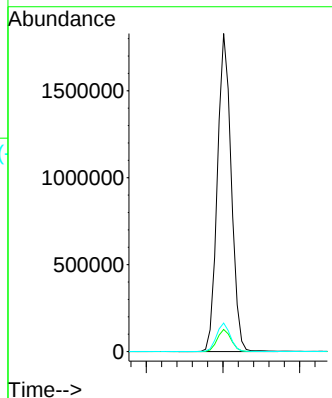
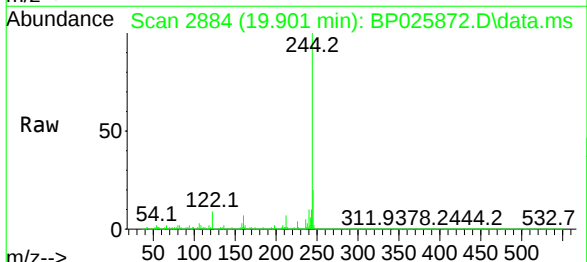
Instrument :
BNA_P
ClientSampleId :

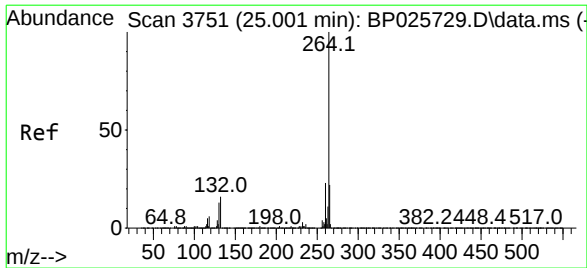
Tgt Ion: 240 Resp: 866740
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 47.604 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025872.D
Acq: 26 Sep 2025 16:35

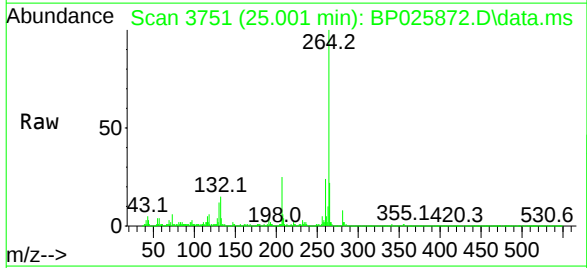
Tgt Ion: 244 Resp: 2293546
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.0 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: BP025872.D
 Acq: 26 Sep 2025 16:35

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 264 Resp: 1026024
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.3 27.5
 265 22.5 17.3 25.9

