

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025932.D
 Acq On : 06 Oct 2025 21:07
 Operator : CG/JU
 Sample : Q3289-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-261

Quant Time: Oct 07 02:08:54 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)

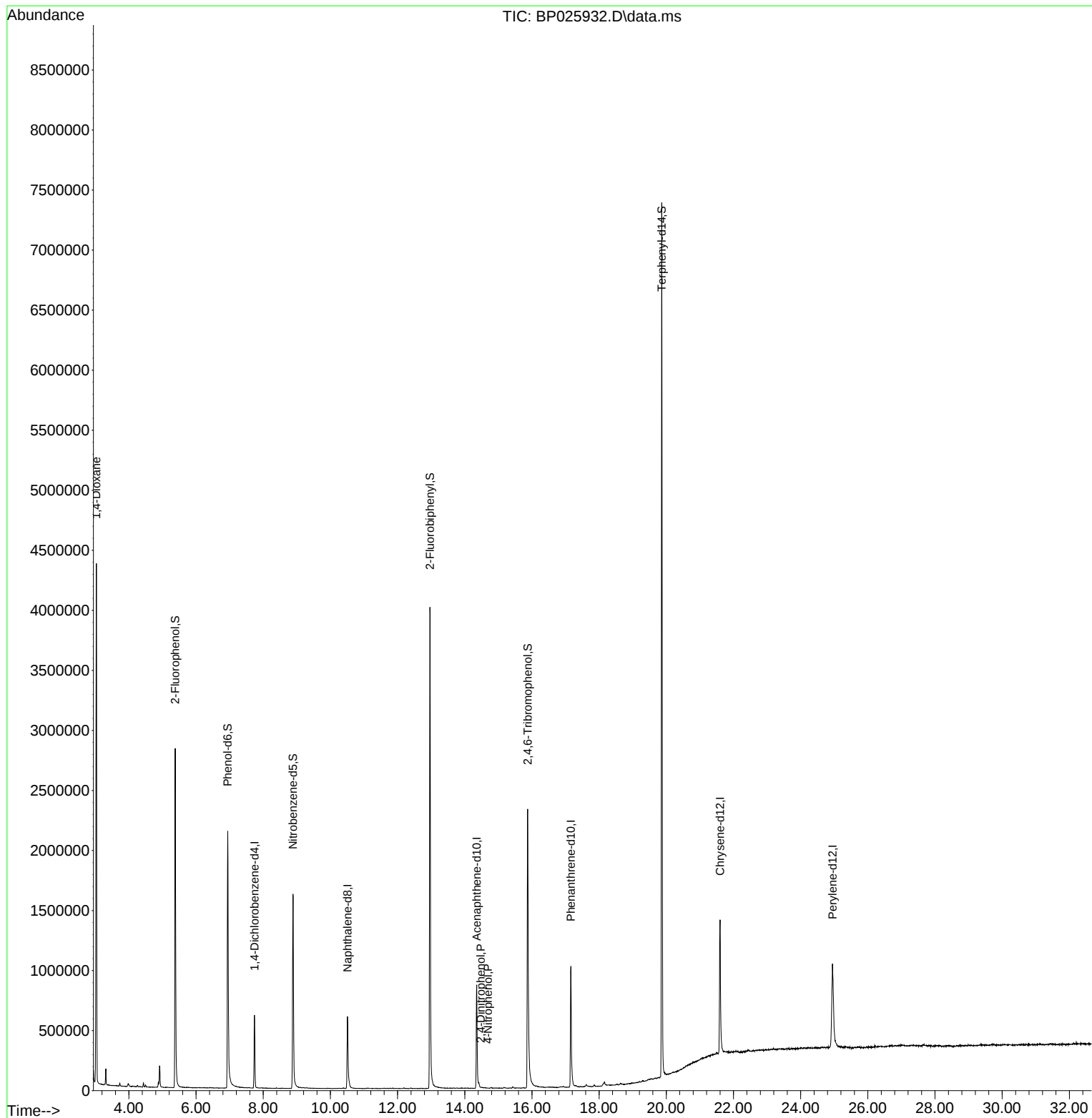
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	171883	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	626384	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	396623	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	810325	20.000	ng	-0.02
76) Chrysene-d12	21.601	240	911851	20.000	ng	-0.04
86) Perylene-d12	24.948	264	1020328	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1373289	128.917	ng	0.00
7) Phenol-d6	6.943	99	1581258	111.678	ng	0.00
23) Nitrobenzene-d5	8.884	82	1161324	81.782	ng	-0.02
42) 2,4,6-Tribromophenol	15.872	330	705749	142.660	ng	-0.04
45) 2-Fluorobiphenyl	12.966	172	2494705	83.750	ng	-0.02
79) Terphenyl-d14	19.866	244	4210120	83.061	ng	-0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.031	88	35384	7.914	ng	# 1
54) 2,4-Dinitrophenol	14.472	184	21	4.829	ng	# 1
56) 4-Nitrophenol	14.690	139	99	4.498	ng	# 65

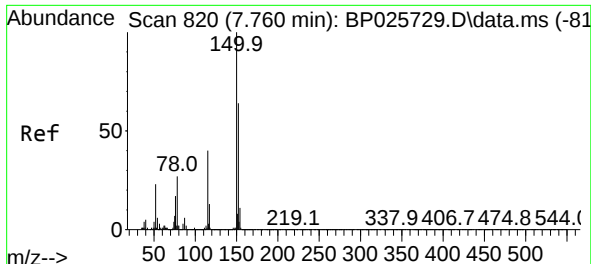
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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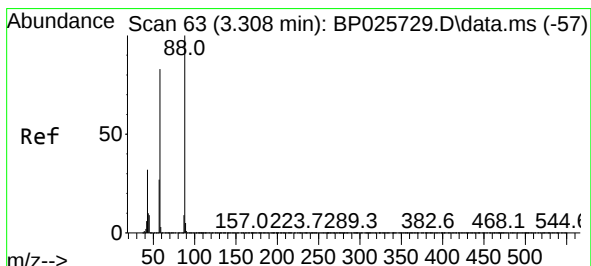
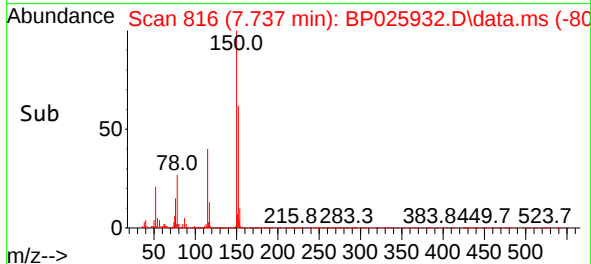
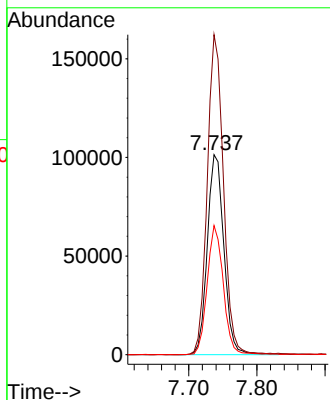
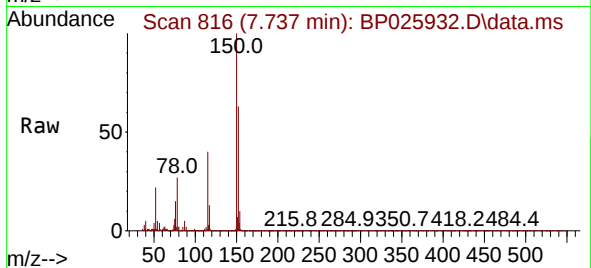




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025932.D
 Acq: 06 Oct 2025 21:07

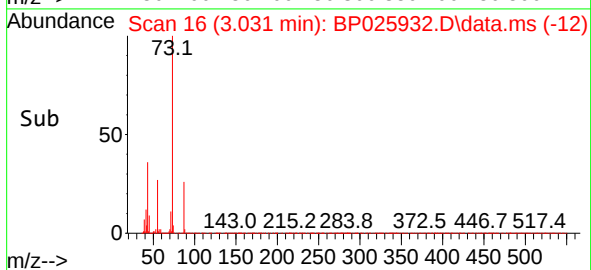
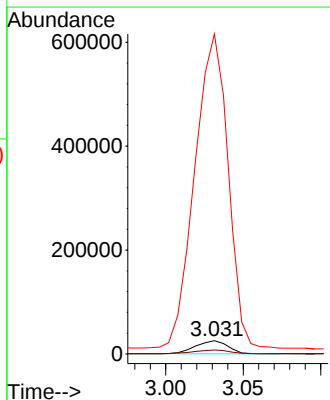
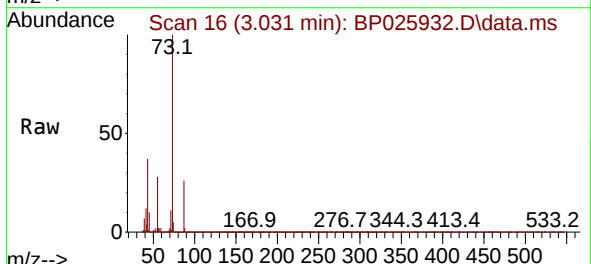
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-261

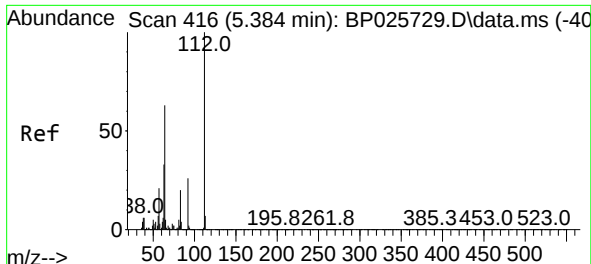
Tgt Ion:152 Resp: 171883
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.3 186.5
 115 64.5 50.3 75.5



#2
 1,4-Dioxane
 Concen: 7.914 ng
 RT: 3.031 min Scan# 16
 Delta R.T. -0.276 min
 Lab File: BP025932.D
 Acq: 06 Oct 2025 21:07

Tgt Ion: 88 Resp: 35384
 Ion Ratio Lower Upper
 88 100
 58 29.9 65.5 98.3#
 43 2507.6 25.2 37.8#

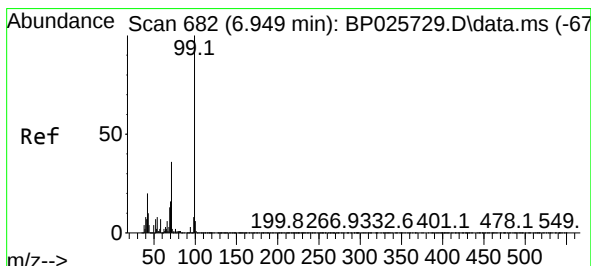
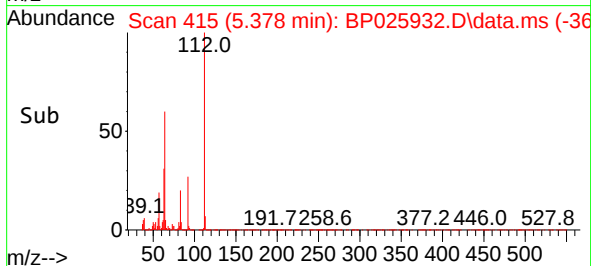
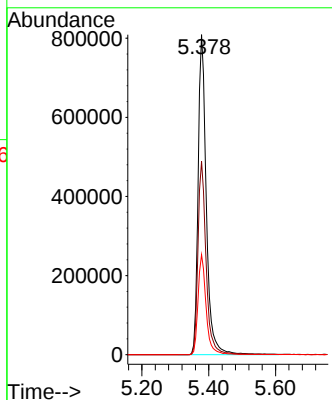
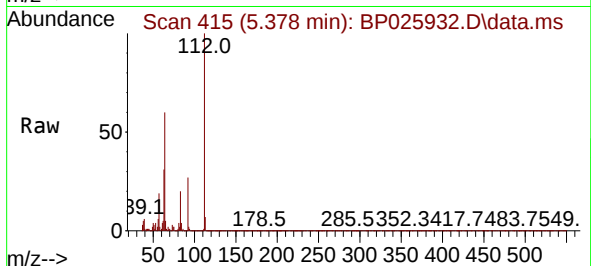




#5
2-Fluorophenol
Concen: 128.917 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

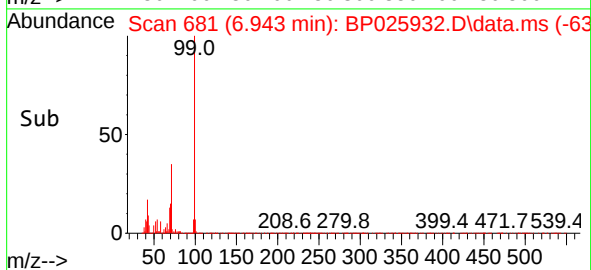
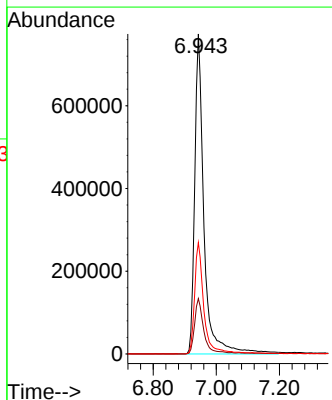
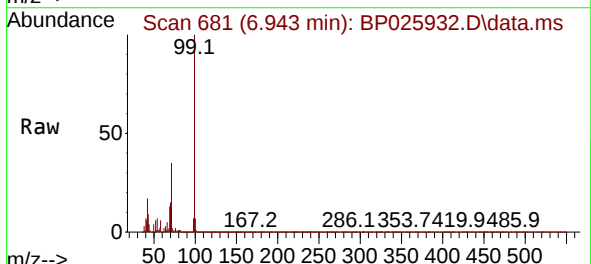
Instrument :
BNA_P
ClientSampleId :
VNJ-261

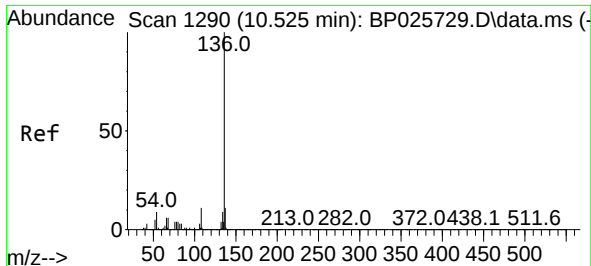
Tgt Ion:112 Resp: 1373289
Ion Ratio Lower Upper
112 100
64 60.4 50.2 75.4
63 31.3 26.7 40.1



#7
Phenol-d6
Concen: 111.678 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

Tgt Ion: 99 Resp: 1581258
Ion Ratio Lower Upper
99 100
42 17.3 15.6 23.4
71 34.8 28.6 43.0

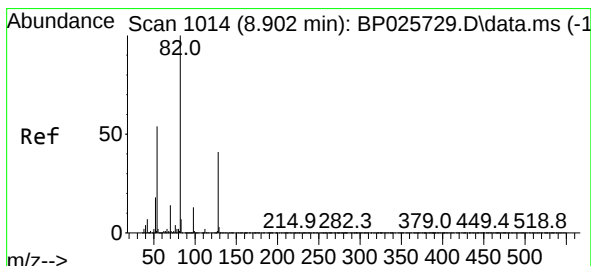
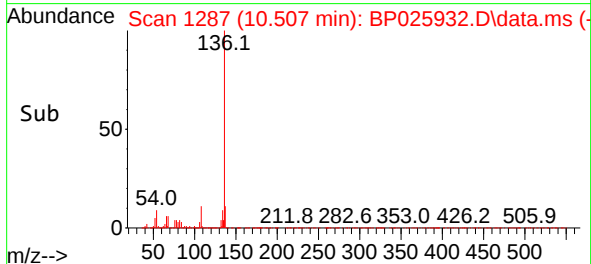
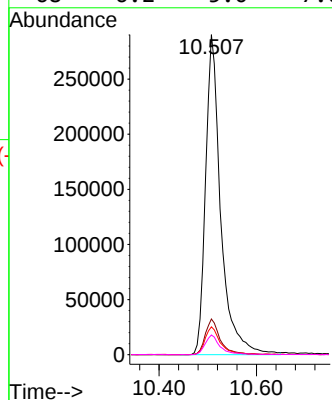
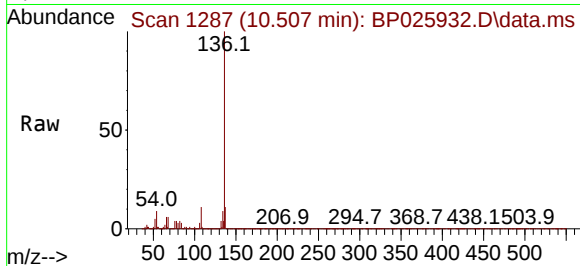




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

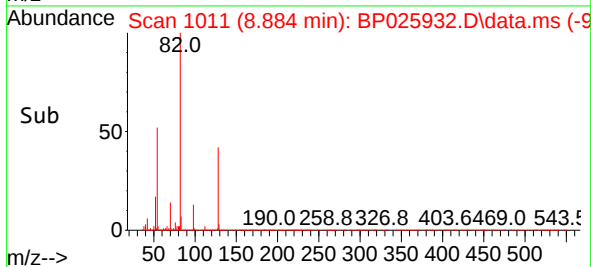
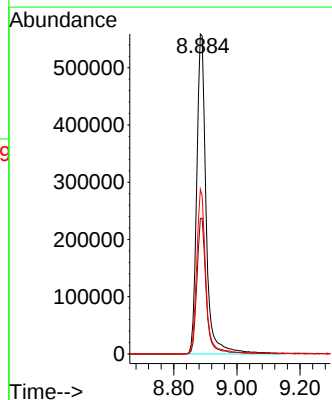
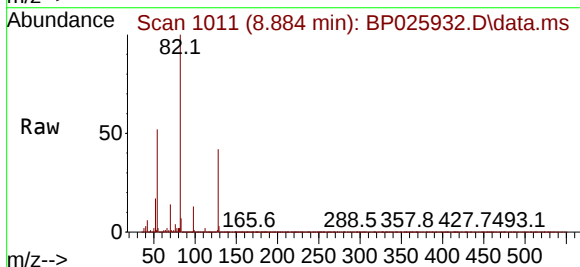
Instrument :
BNA_P
ClientSampleId :
VNJ-261

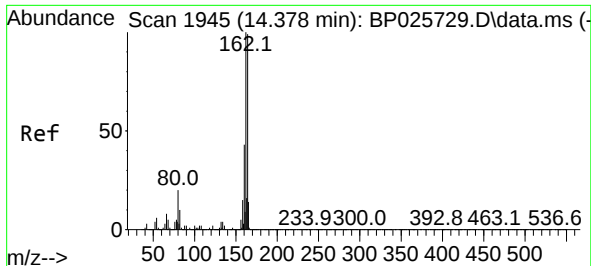
Tgt Ion:	136	Resp:	626384
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.7	7.5	11.3
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 81.782 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

Tgt Ion:	82	Resp:	1161324
Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.9	49.3
54	51.5	43.4	65.2

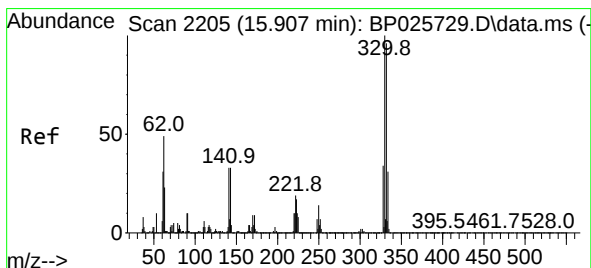
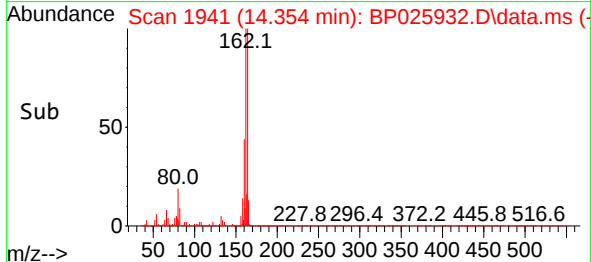
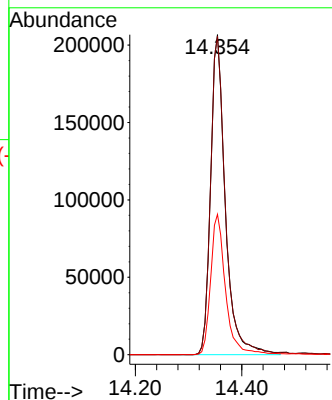
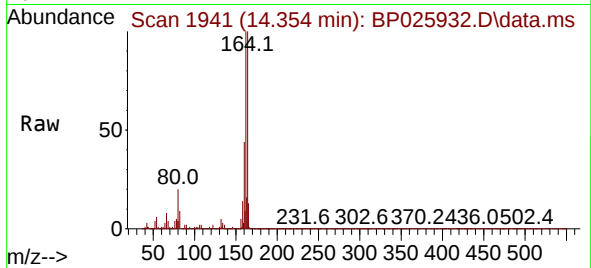




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.023 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

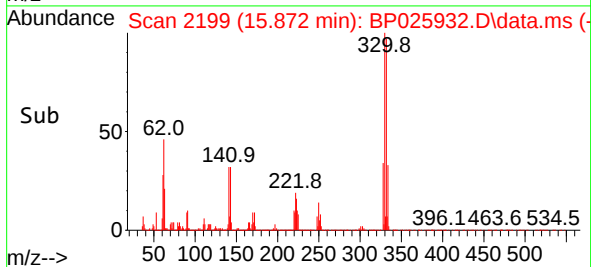
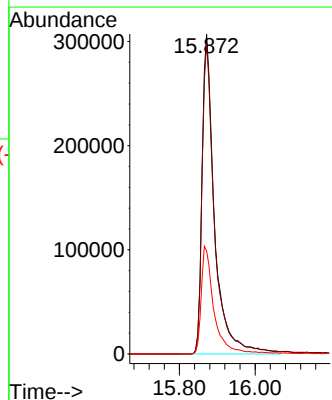
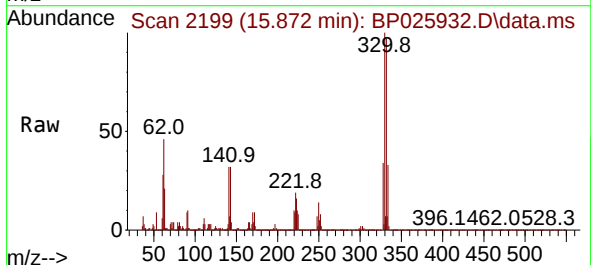
Instrument :
BNA_P
ClientSampleId :
VNJ-261

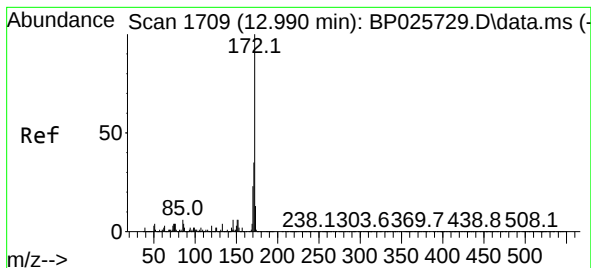
Tgt Ion:164 Resp: 396623
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 43.8 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 142.660 ng
RT: 15.872 min Scan# 2199
Delta R.T. -0.035 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

Tgt Ion:330 Resp: 705749
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 33.9 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 83.750 ng

RT: 12.966 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP025932.D

Acq: 06 Oct 2025 21:07

Instrument :

BNA_P

ClientSampleId :

VNJ-261

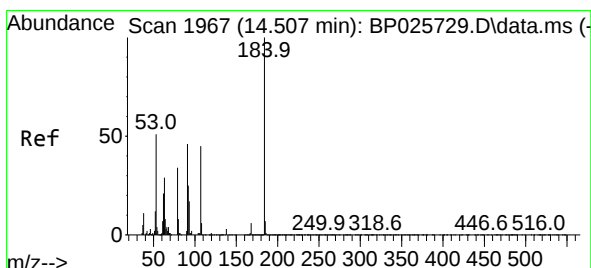
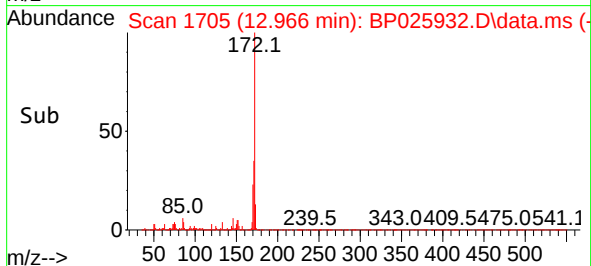
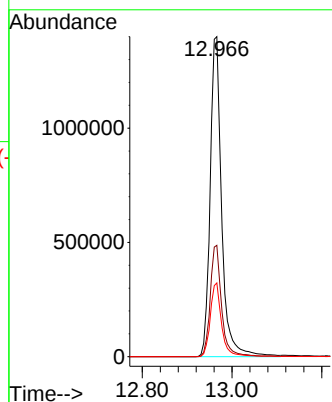
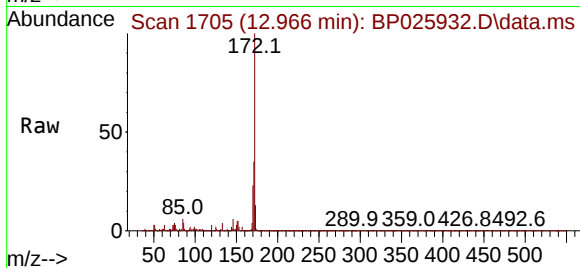
Tgt Ion:172 Resp: 2494705

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.0 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.829 ng

RT: 14.472 min Scan# 1961

Delta R.T. -0.035 min

Lab File: BP025932.D

Acq: 06 Oct 2025 21:07

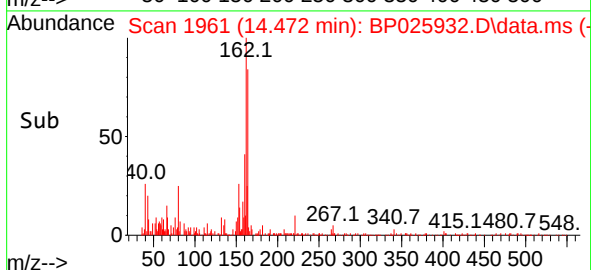
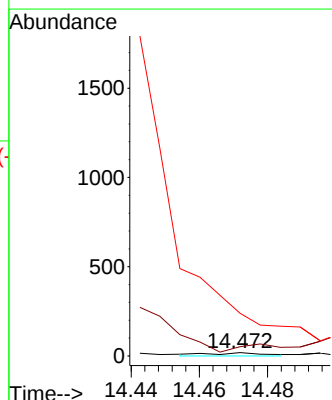
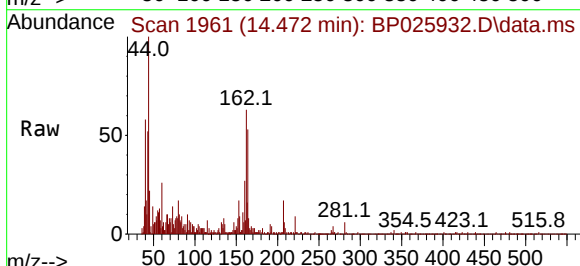
Tgt Ion:184 Resp: 21

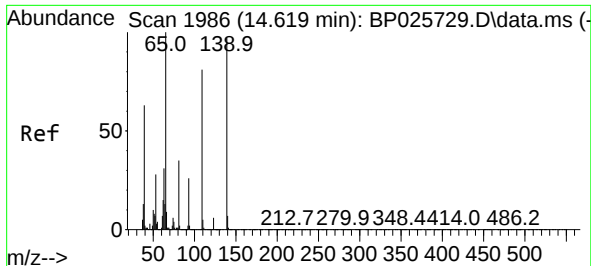
Ion Ratio Lower Upper

184 100

63 273.7 52.5 78.7#

154 1257.9 51.5 77.3#

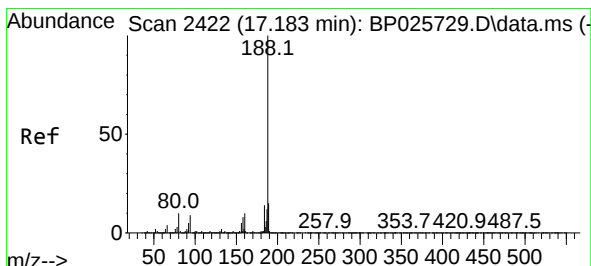
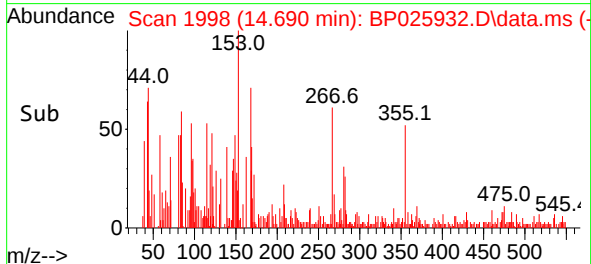
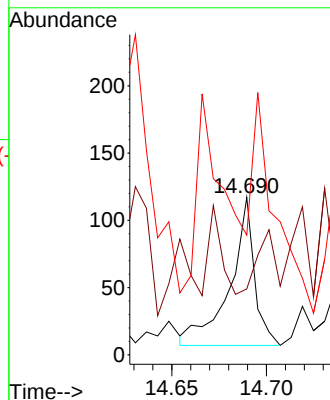
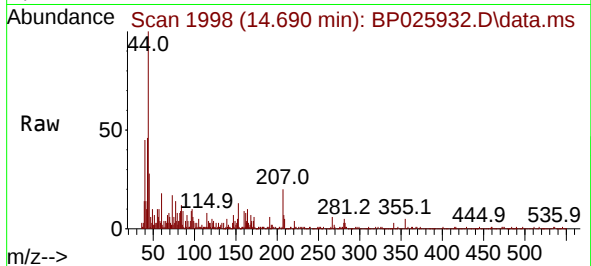




#56
4-Nitrophenol
Concen: 4.498 ng
RT: 14.690 min Scan# 1418
Delta R.T. 0.071 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

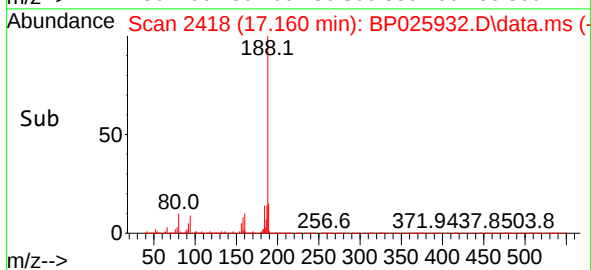
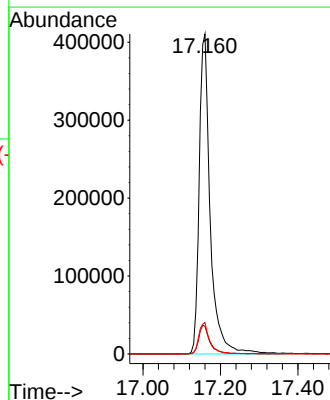
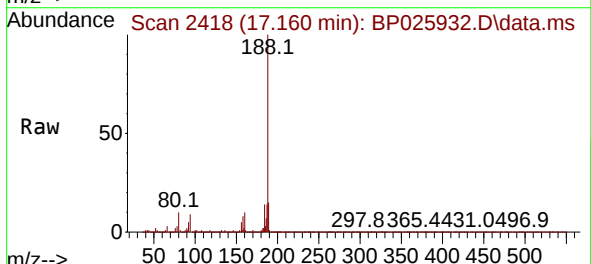
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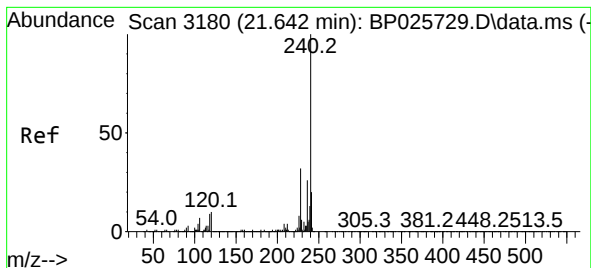
Tgt Ion:139 Resp: 99
Ion Ratio Lower Upper
139 100
109 41.9 62.9 102.9#
65 76.1 83.4 123.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.023 min
Lab File: BP025932.D
Acq: 06 Oct 2025 21:07

Tgt Ion:188 Resp: 810325
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 9.9 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: BP025932.D

Acq: 06 Oct 2025 21:07

Instrument :

BNA_P

ClientSampleId :

VNJ-261

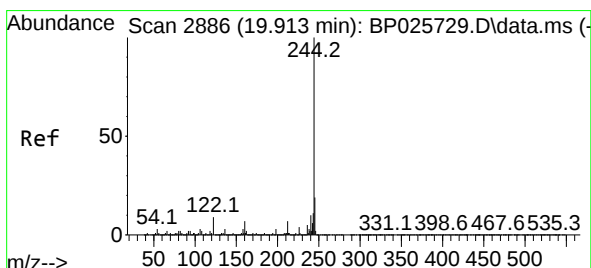
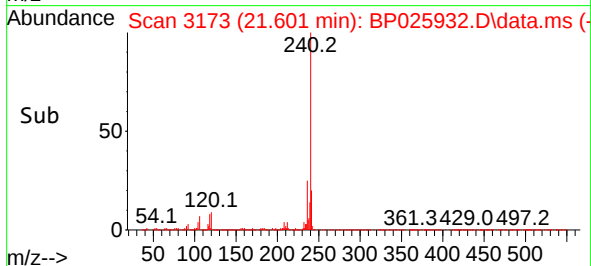
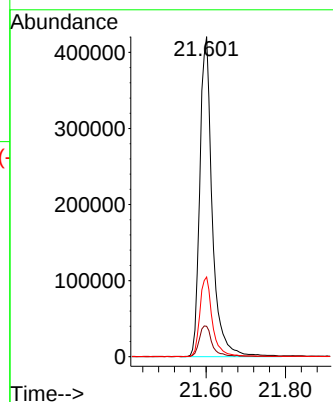
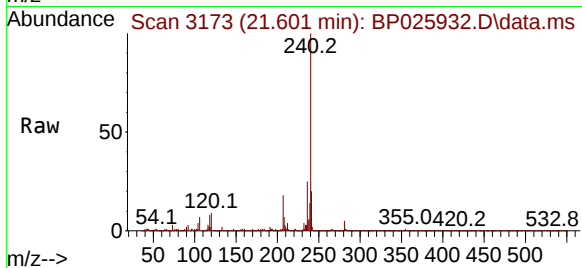
Tgt Ion:240 Resp: 911851

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

236 24.9 20.7 31.1



#79

Terphenyl-d14

Concen: 83.061 ng

RT: 19.866 min Scan# 2878

Delta R.T. -0.047 min

Lab File: BP025932.D

Acq: 06 Oct 2025 21:07

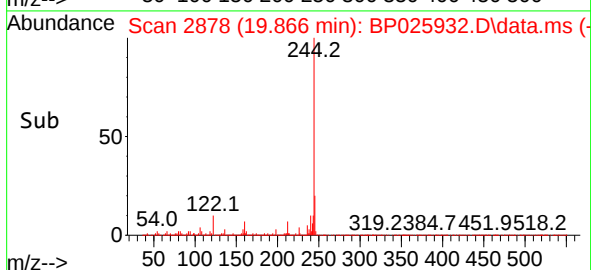
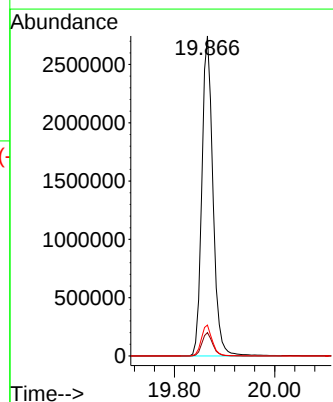
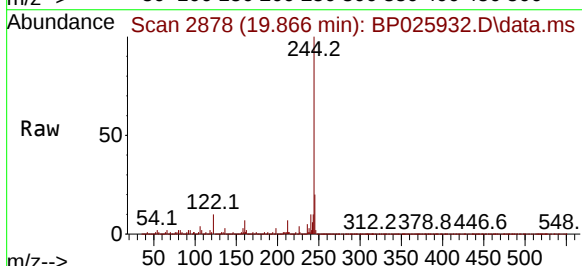
Tgt Ion:244 Resp: 4210120

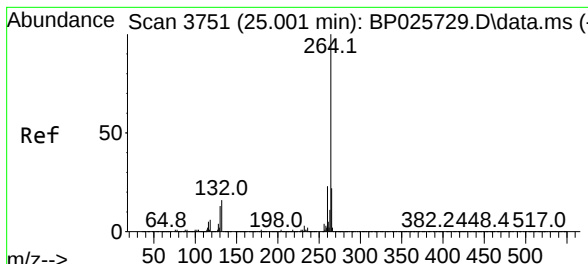
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.6 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.948 min Scan# 31
 Delta R.T. -0.053 min
 Lab File: BP025932.D
 Acq: 06 Oct 2025 21:07

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-261

Tgt Ion:264 Resp: 1020328
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.9 17.3 25.9

