

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025931.D
 Acq On : 06 Oct 2025 20:26
 Operator : CG/JU
 Sample : Q3289-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-240

Quant Time: Oct 07 02:08:16 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	159689	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	583425	20.000	ng	-0.02
39) Acenaphthene-d10	14.360	164	367300	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	757149	20.000	ng	-0.02
76) Chrysene-d12	21.613	240	888867	20.000	ng	-0.03
86) Perylene-d12	24.966	264	971883	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1279322	129.267	ng	0.00
7) Phenol-d6	6.943	99	1481595	112.629	ng	0.00
23) Nitrobenzene-d5	8.884	82	1085493	82.071	ng	-0.02
42) 2,4,6-Tribromophenol	15.884	330	677293	147.837	ng	-0.02
45) 2-Fluorobiphenyl	12.960	172	2411841	87.432	ng	-0.03
79) Terphenyl-d14	19.883	244	4272979	86.481	ng	-0.03

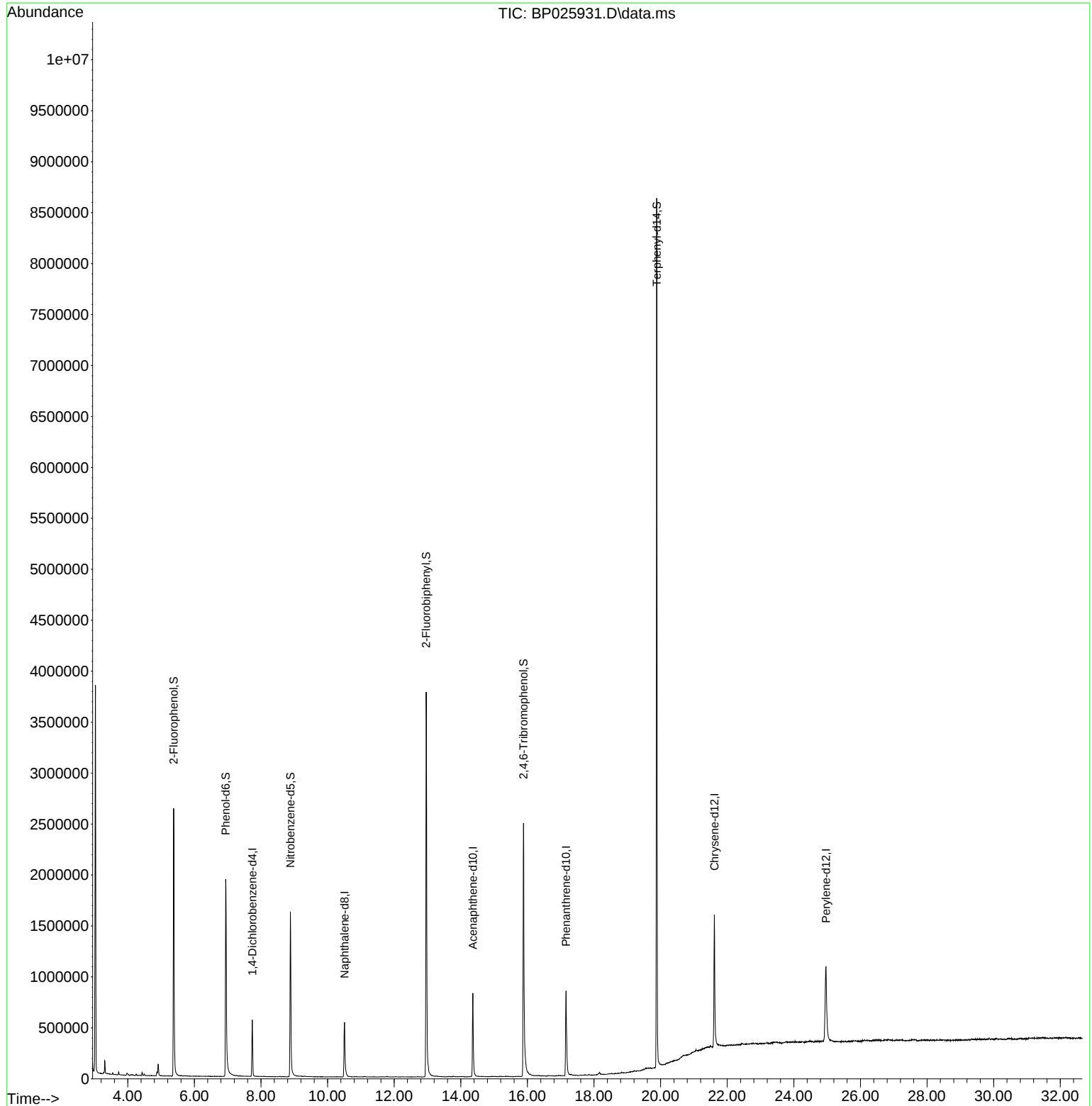
Target Compounds Qvalue

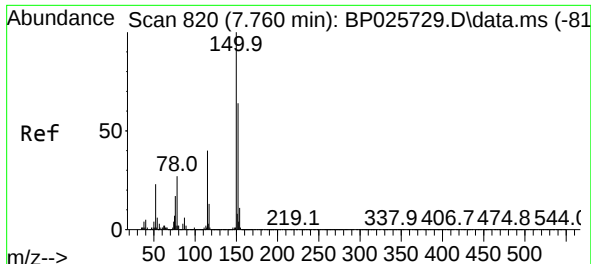
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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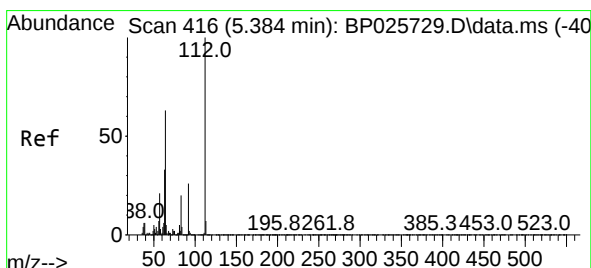
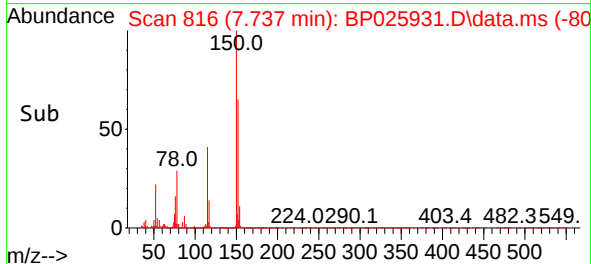
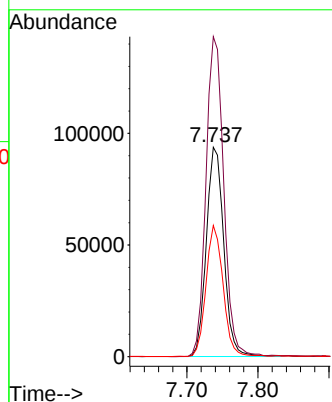
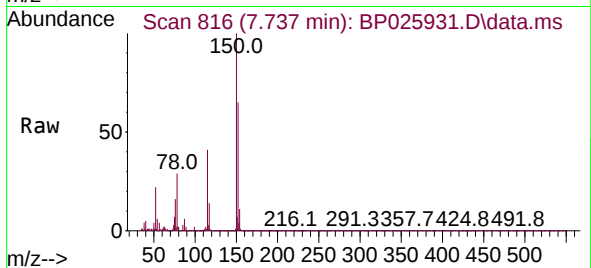




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025931.D
 Acq: 06 Oct 2025 20:26

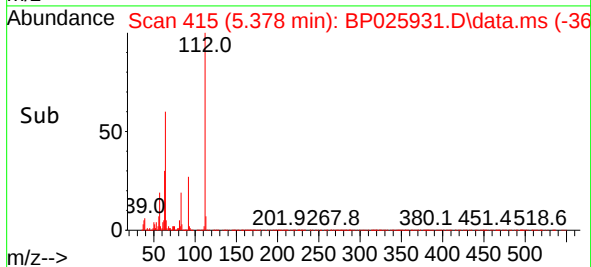
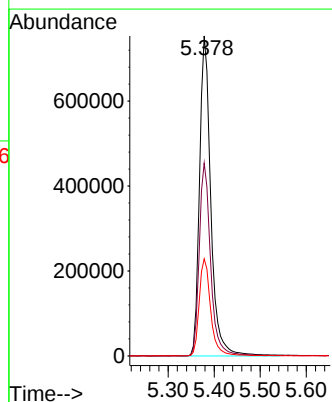
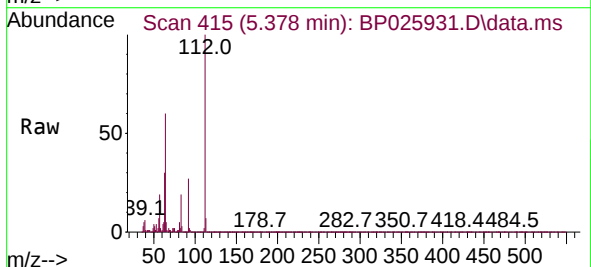
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-240

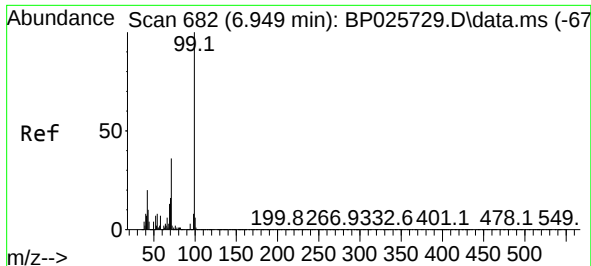
Tgt Ion:152 Resp: 159689
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.3 186.5
 115 62.6 50.3 75.5



#5
 2-Fluorophenol
 Concen: 129.267 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025931.D
 Acq: 06 Oct 2025 20:26

Tgt Ion:112 Resp: 1279322
 Ion Ratio Lower Upper
 112 100
 64 60.3 50.2 75.4
 63 30.3 26.7 40.1

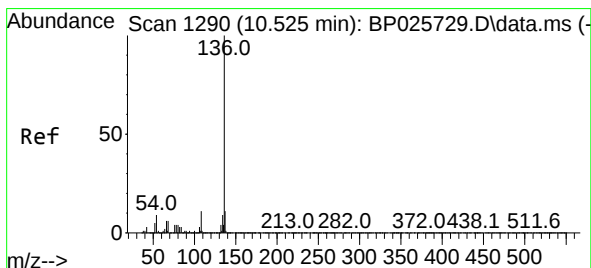
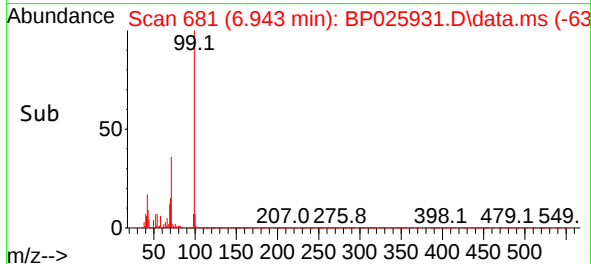
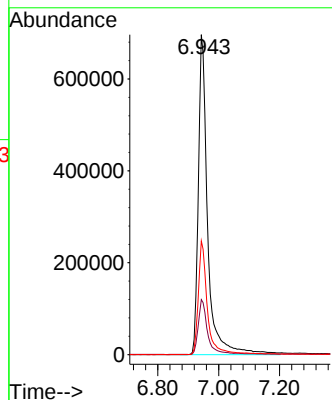
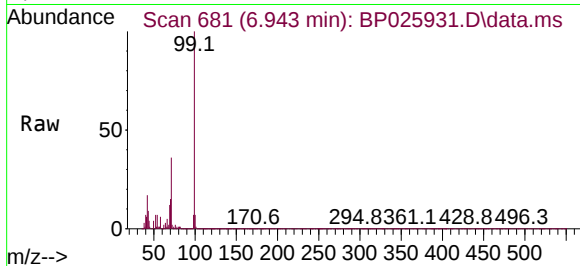




#7
Phenol-d6
Concen: 112.629 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025931.D
Acq: 06 Oct 2025 20:26

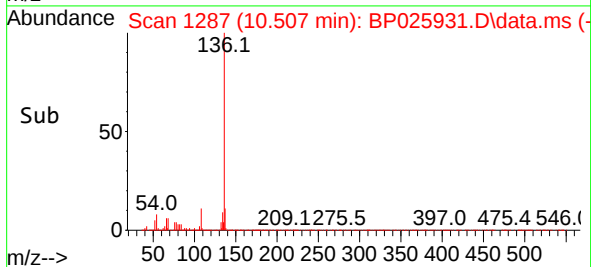
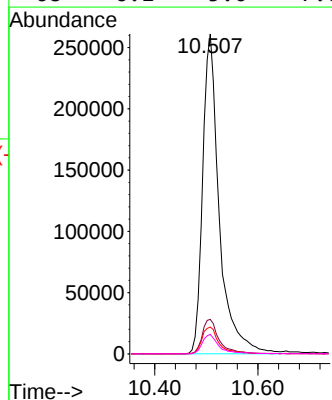
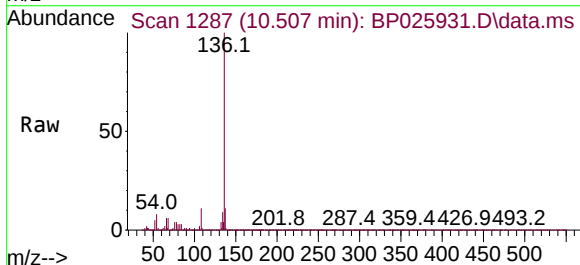
Instrument :
BNA_P
ClientSampleId :
VNJ-240

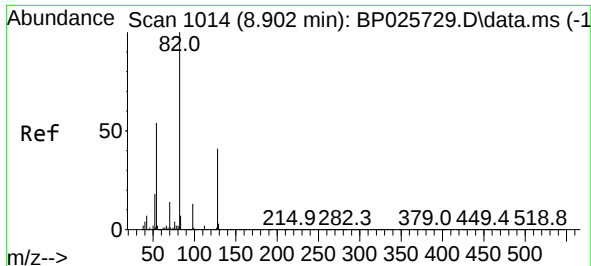
Tgt Ion: 99 Resp: 1481595
Ion Ratio Lower Upper
99 100
42 17.2 15.6 23.4
71 35.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025931.D
Acq: 06 Oct 2025 20:26

Tgt Ion:136 Resp: 583425
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.4 7.5 11.3
68 6.1 5.0 7.6

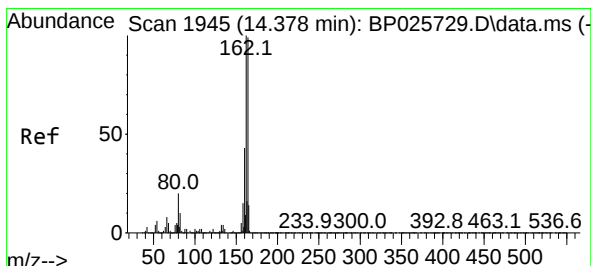
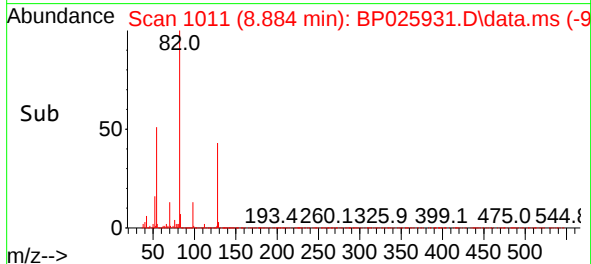
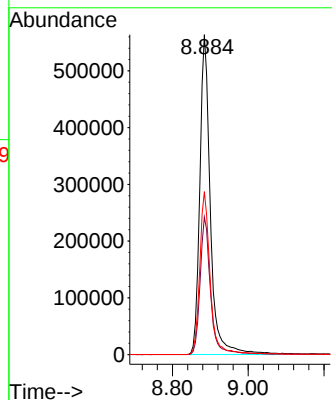
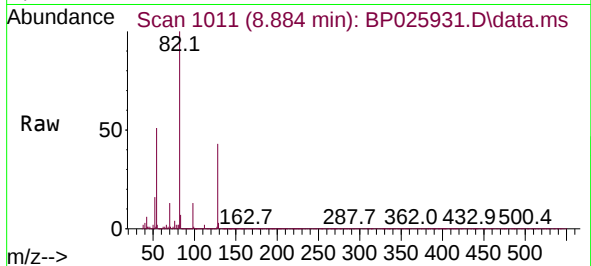




#23
Nitrobenzene-d5
Concen: 82.071 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025931.D
Acq: 06 Oct 2025 20:26

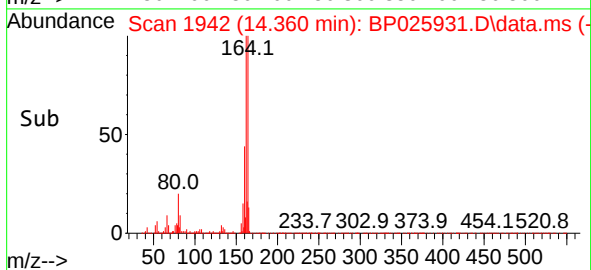
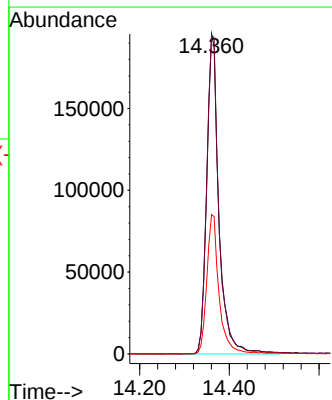
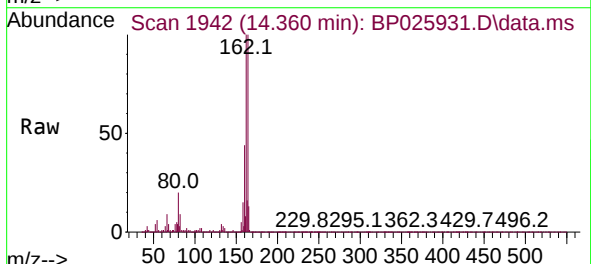
Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion: 82 Resp: 1085493
Ion Ratio Lower Upper
82 100
128 43.0 32.9 49.3
54 50.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025931.D
Acq: 06 Oct 2025 20:26

Tgt Ion: 164 Resp: 367300
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 43.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 147.837 ng

RT: 15.884 min Scan# 2205

Delta R.T. -0.023 min

Lab File: BP025931.D

Acq: 06 Oct 2025 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-240

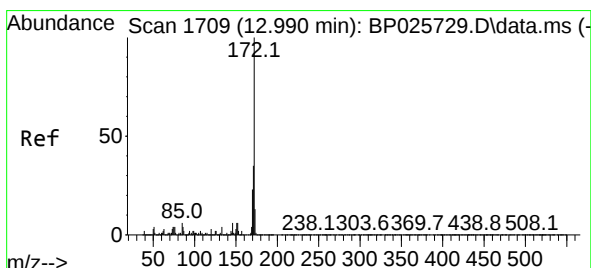
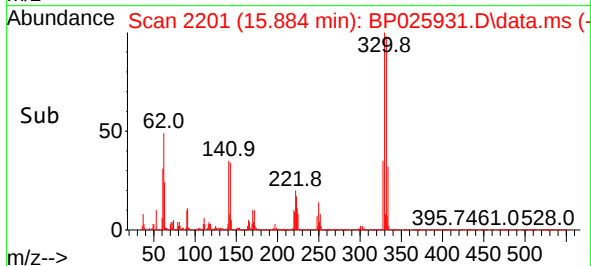
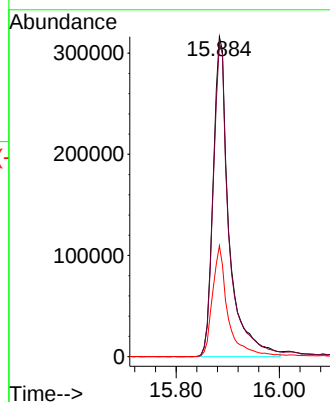
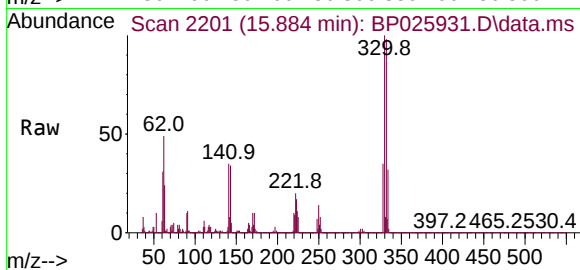
Tgt Ion:330 Resp: 677293

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 33.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 87.432 ng

RT: 12.960 min Scan# 1704

Delta R.T. -0.029 min

Lab File: BP025931.D

Acq: 06 Oct 2025 20:26

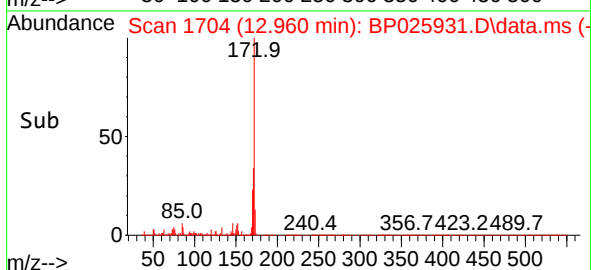
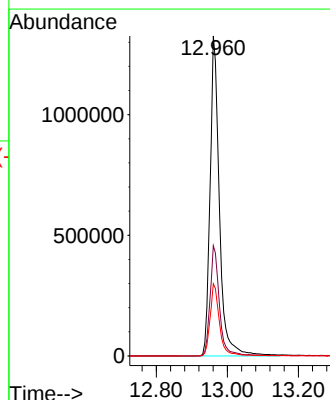
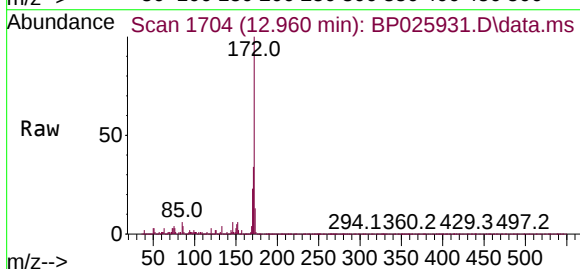
Tgt Ion:172 Resp: 2411841

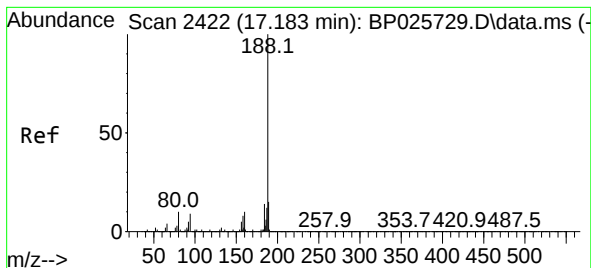
Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

170 22.5 18.6 27.8

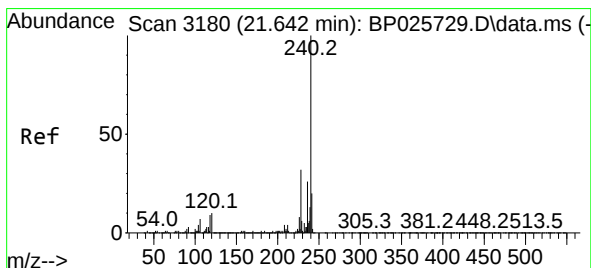
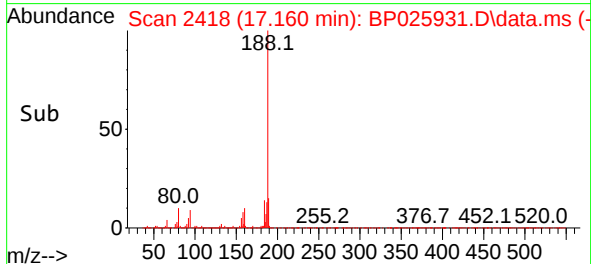
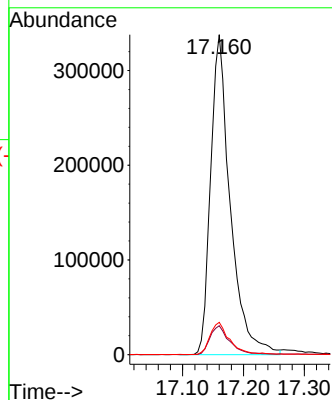
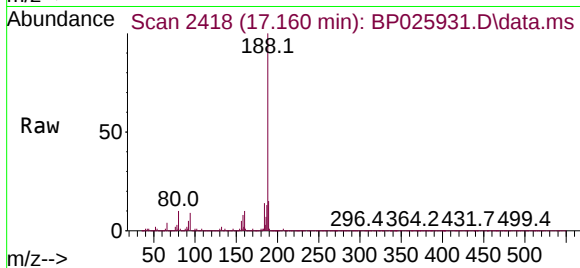




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP025931.D
Acq: 06 Oct 2025 20:26

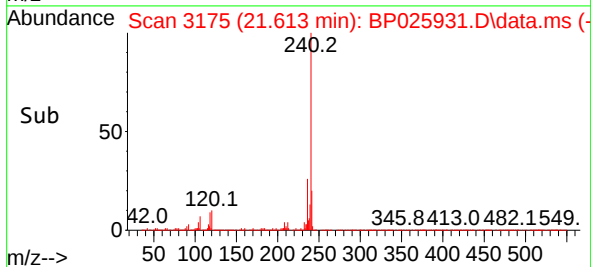
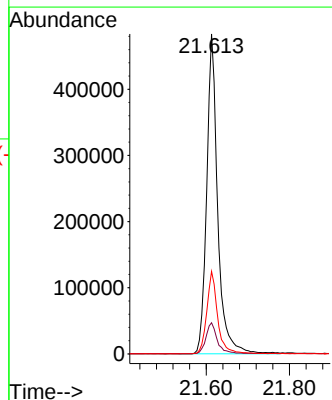
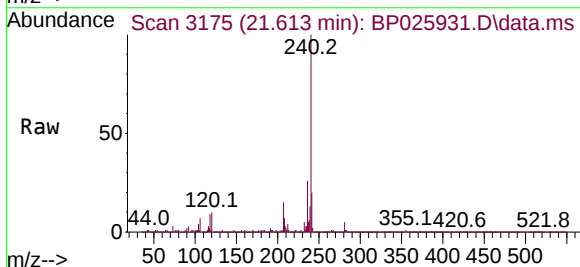
Instrument :
BNA_P
ClientSampleId :
VNJ-240

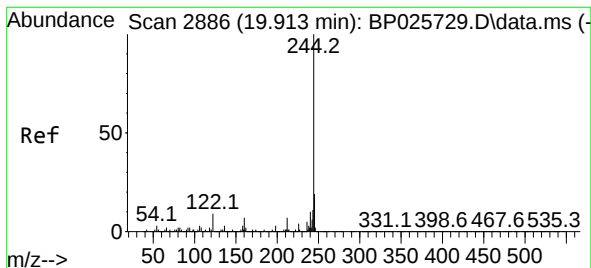
Tgt Ion:188 Resp: 757149
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.029 min
Lab File: BP025931.D
Acq: 06 Oct 2025 20:26

Tgt Ion:240 Resp: 888867
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 86.481 ng

RT: 19.883 min Scan# 2881

Delta R.T. -0.029 min

Lab File: BP025931.D

Acq: 06 Oct 2025 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-240

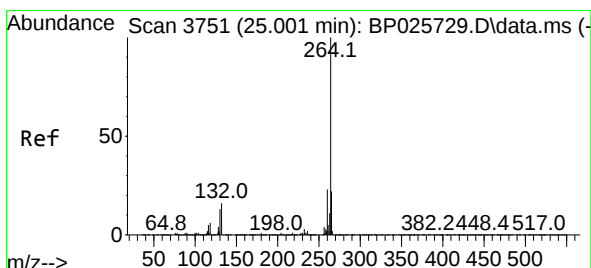
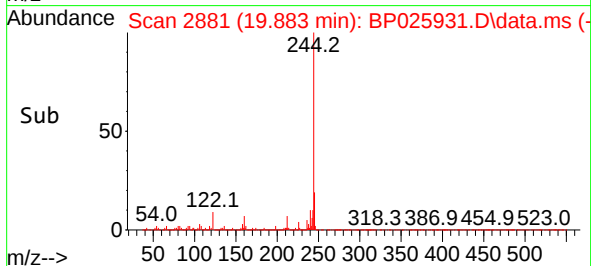
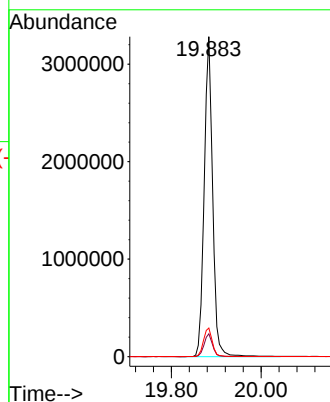
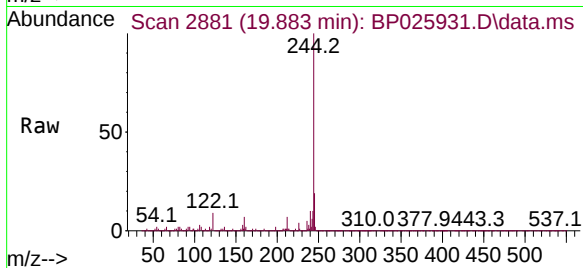
Tgt Ion:244 Resp: 4272979

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.9 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.966 min Scan# 3745

Delta R.T. -0.035 min

Lab File: BP025931.D

Acq: 06 Oct 2025 20:26

Tgt Ion:264 Resp: 971883

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.9 17.3 25.9

