

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
 Data File : BP025352.D
 Acq On : 11 Aug 2025 17:29
 Operator : CG/JU
 Sample : Q2800-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-222

Quant Time: Aug 11 17:57:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	245991	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	985656	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	578119	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1057595	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1046877	20.000	ng	0.00
86) Perylene-d12	25.042	264	1245908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1731735	113.226	ng	0.00
7) Phenol-d6	6.966	99	1919238	95.348	ng	0.00
23) Nitrobenzene-d5	8.937	82	1497133	84.150	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	830882	144.065	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	3349826	80.032	ng	0.00
79) Terphenyl-d14	19.948	244	4093232	73.850	ng	0.00

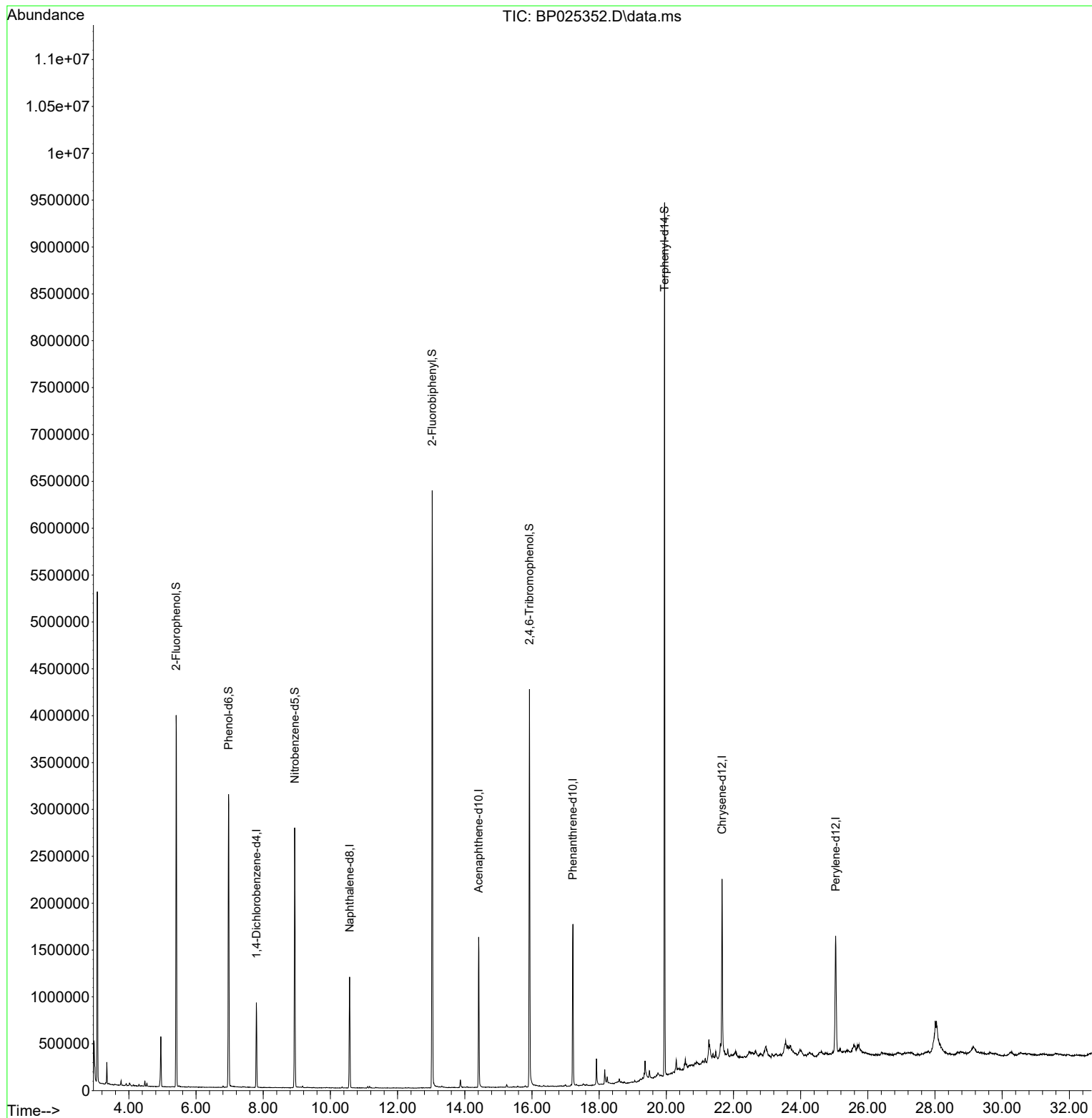
Target Compounds	Qvalue

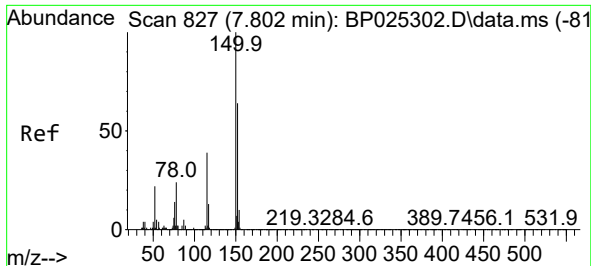
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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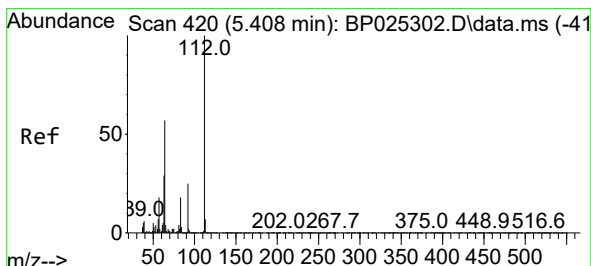
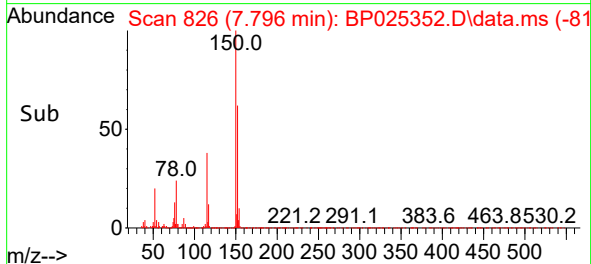
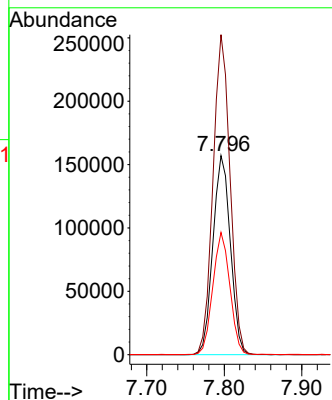
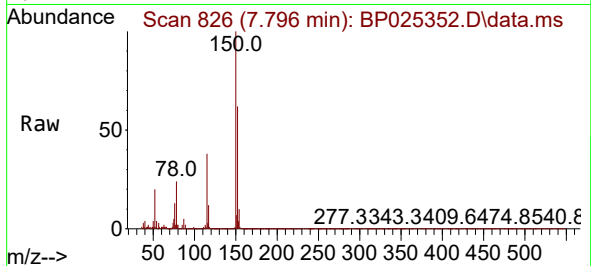




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

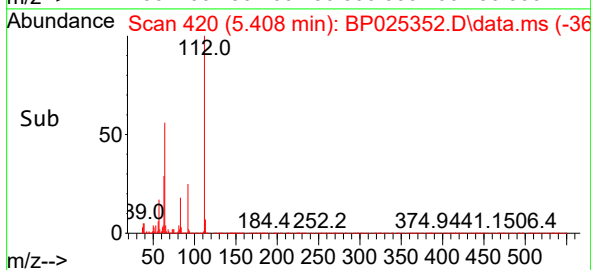
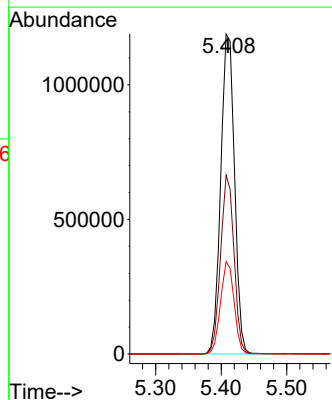
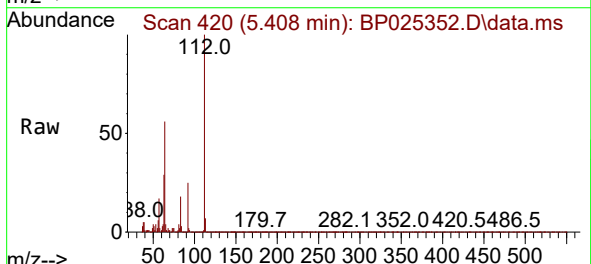
Instrument :
BNA_P
ClientSampleId :
VNJ-222

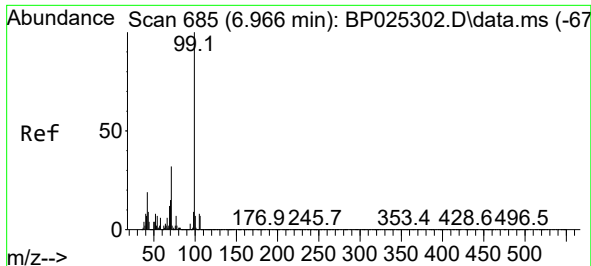
Tgt Ion:152 Resp: 245991
Ion Ratio Lower Upper
152 100
150 160.8 125.1 187.7
115 61.4 48.4 72.6



#5
2-Fluorophenol
Concen: 113.226 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

Tgt Ion:112 Resp: 1731735
Ion Ratio Lower Upper
112 100
64 55.9 45.3 67.9
63 28.8 23.0 34.6



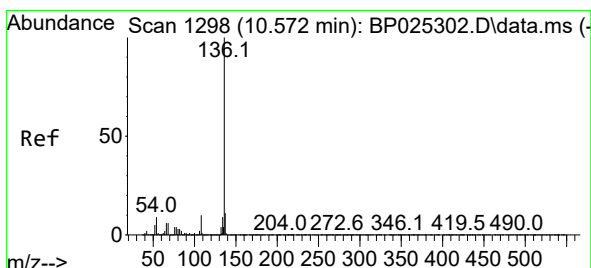
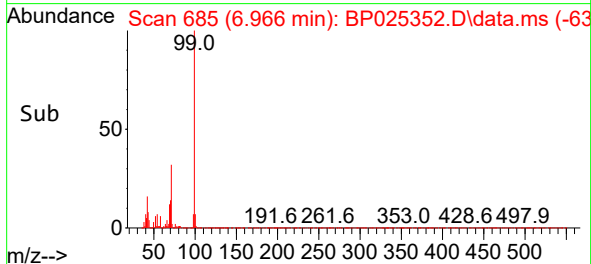
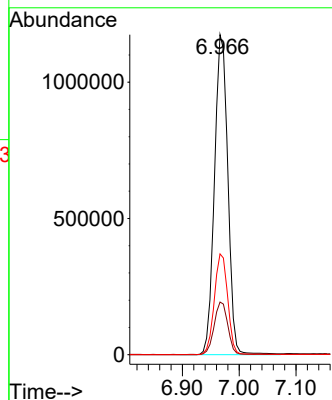
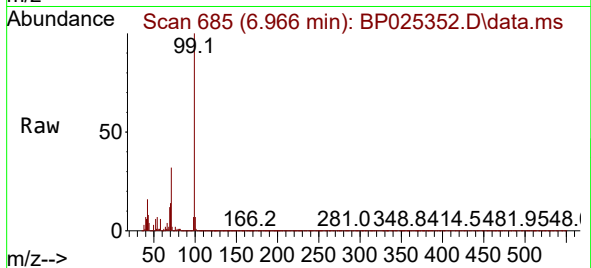


#7
Phenol-d6
Concen: 95.348 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion: 99 Resp: 1919238

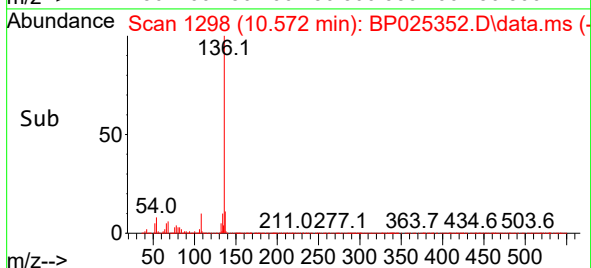
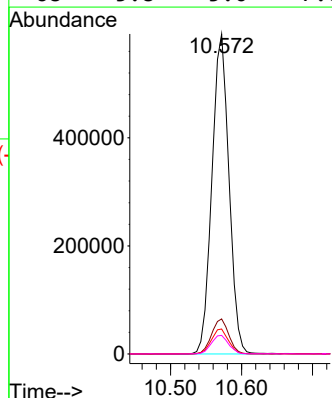
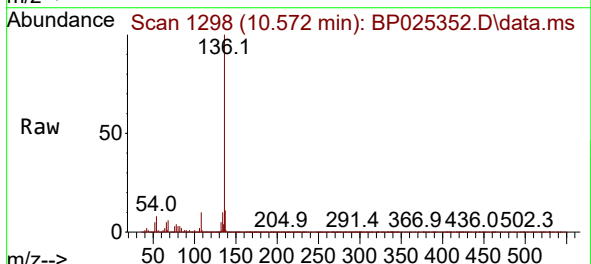
Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.0	22.6
71	31.5	25.5	38.3

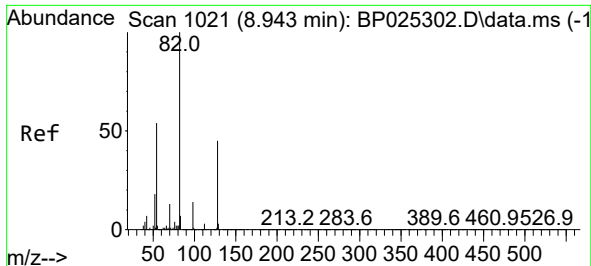


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

Tgt Ion: 136 Resp: 985656

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	7.0	10.6
68	5.8	5.0	7.6

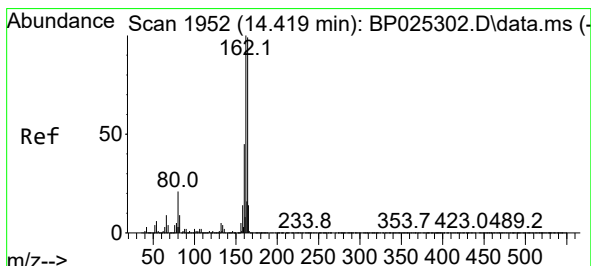
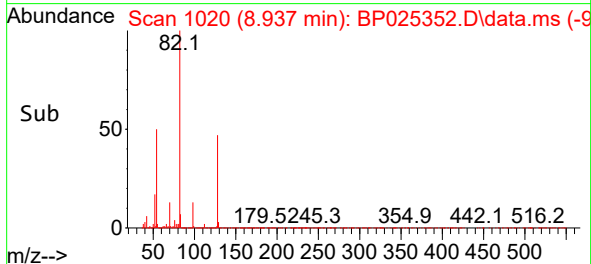
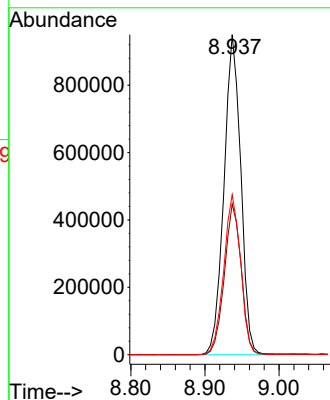
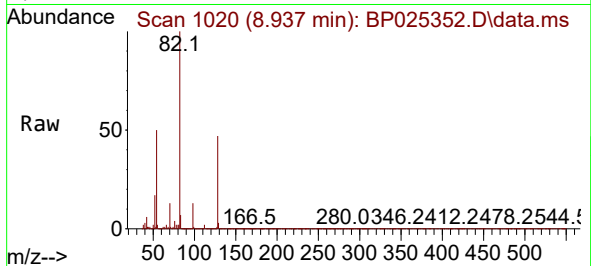




#23
Nitrobenzene-d5
Concen: 84.150 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

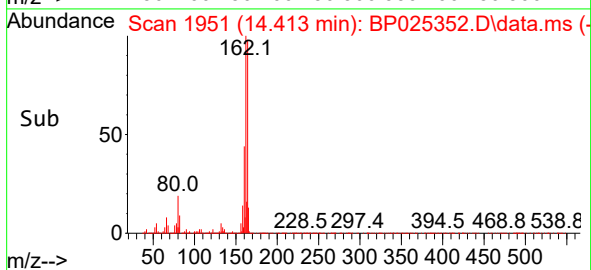
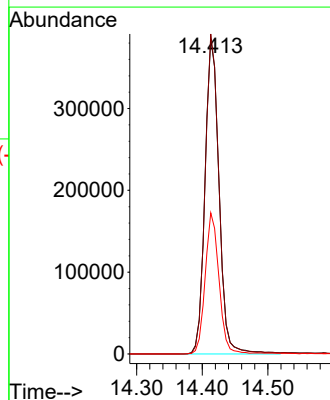
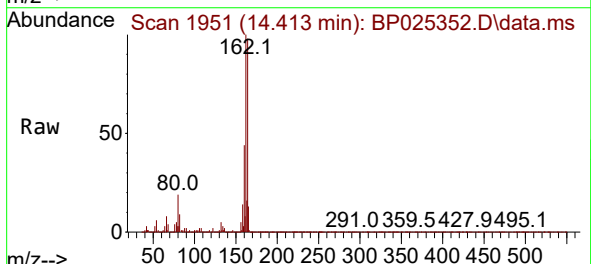
Instrument :
BNA_P
ClientSampleId :
VNJ-222

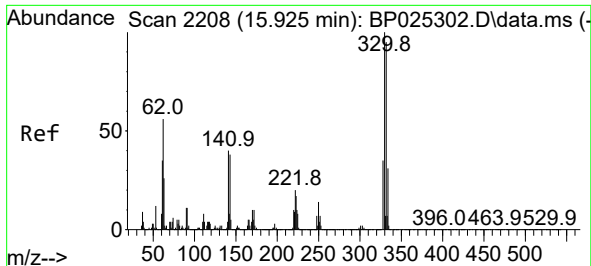
Tgt Ion: 82 Resp: 1497133
Ion Ratio Lower Upper
82 100
128 47.1 35.4 53.2
54 50.0 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

Tgt Ion: 164 Resp: 578119
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.8 35.9 53.9

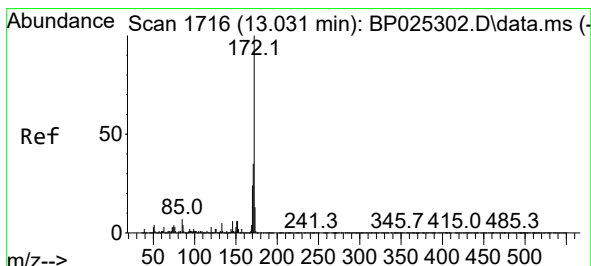
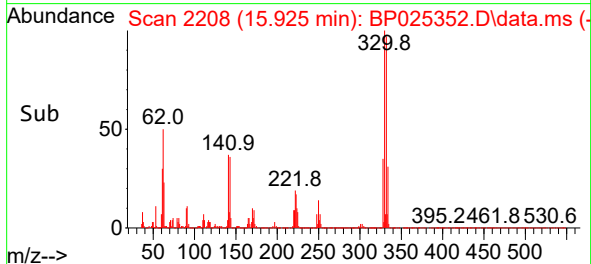
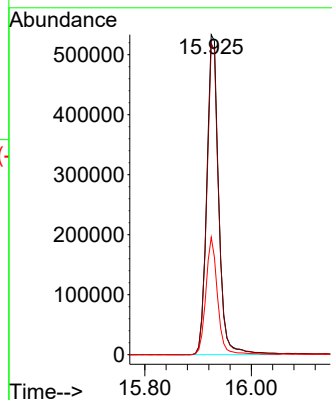
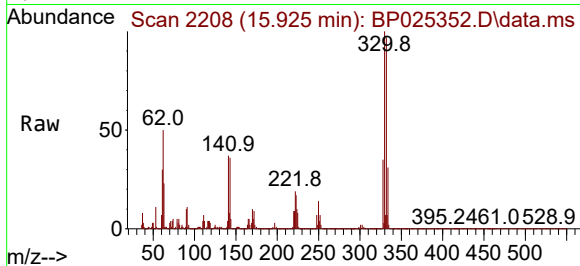




#42
2,4,6-Tribromophenol
Concen: 144.065 ng
RT: 15.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

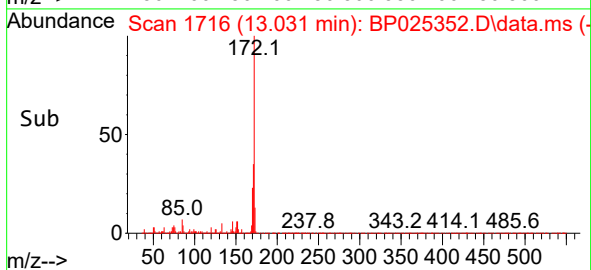
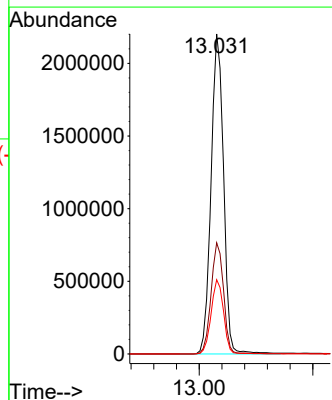
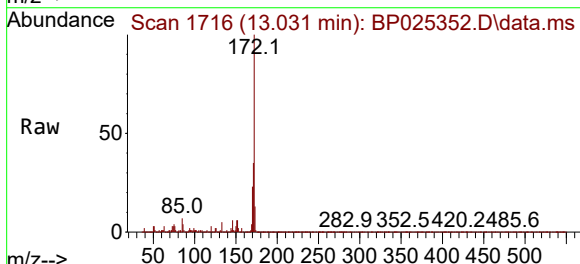
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ClientSampleId :
VNJ-222

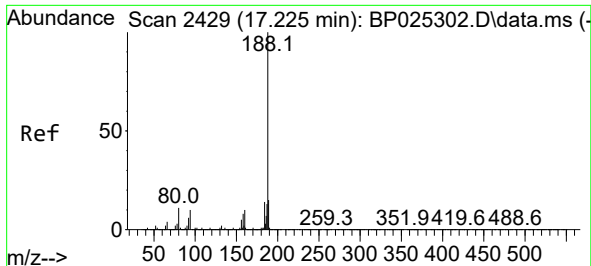
Tgt Ion:330 Resp: 830882
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 35.9 31.7 47.5



#45
2-Fluorobiphenyl
Concen: 80.032 ng
RT: 13.031 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

Tgt Ion:172 Resp: 3349826
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.2 18.9 28.3

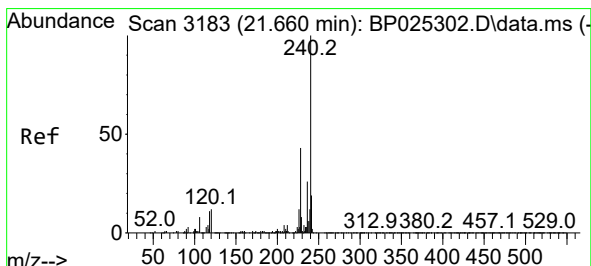
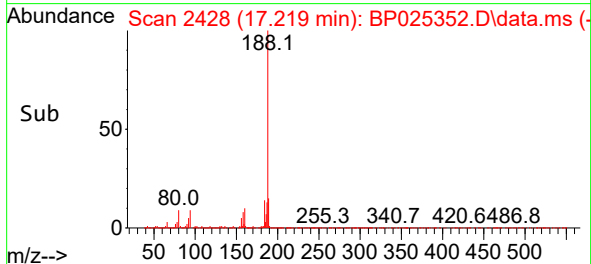
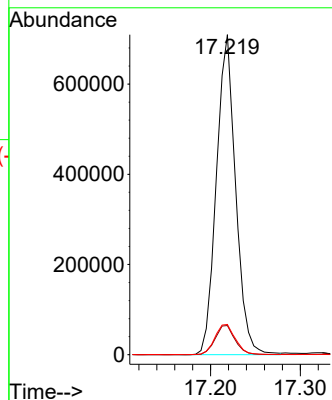
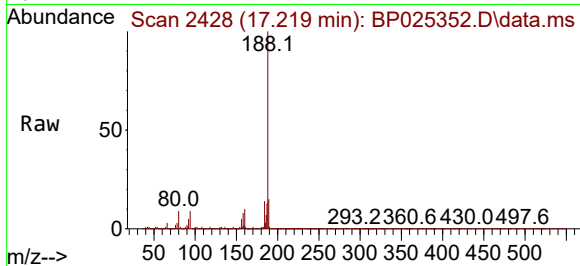




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

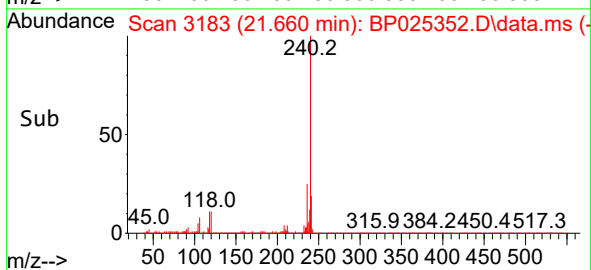
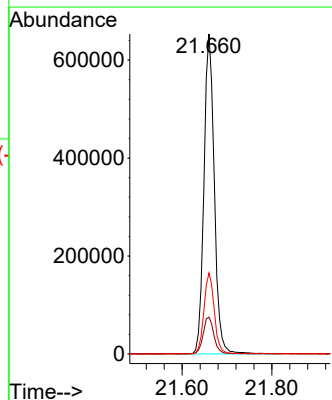
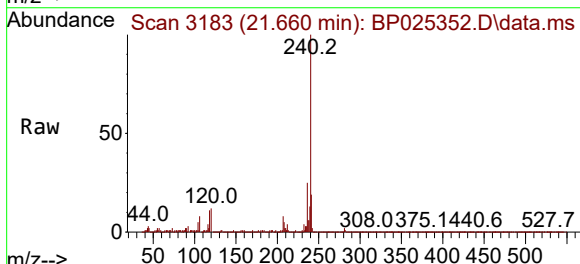
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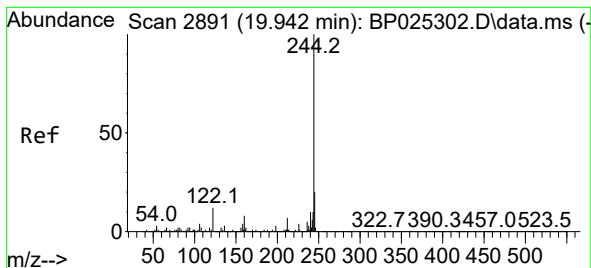
Tgt Ion:188 Resp: 1057595
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025352.D
Acq: 11 Aug 2025 17:29

Tgt Ion:240 Resp: 1046877
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 73.850 ng

RT: 19.948 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025352.D

Acq: 11 Aug 2025 17:29

Instrument :

BNA_P

ClientSampleId :

VNJ-222

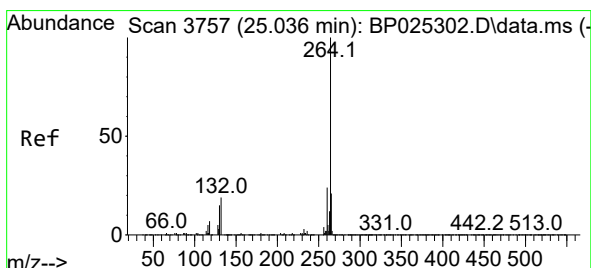
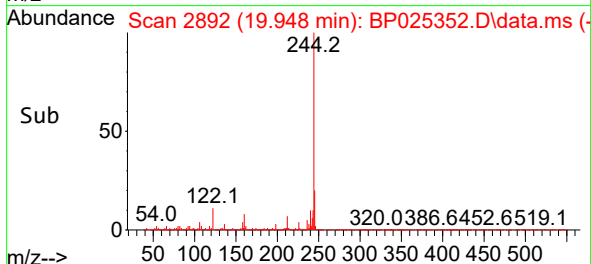
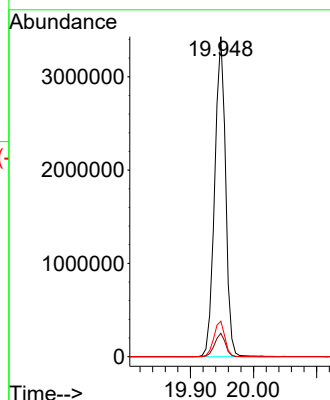
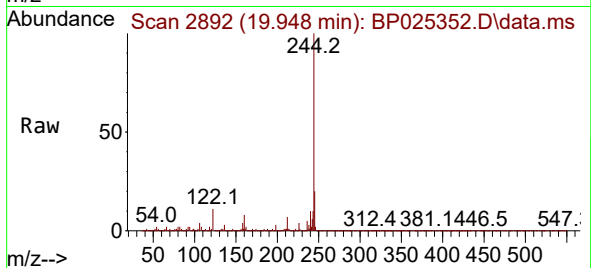
Tgt Ion:244 Resp: 4093232

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 3758

Delta R.T. 0.006 min

Lab File: BP025352.D

Acq: 11 Aug 2025 17:29

Tgt Ion:264 Resp: 1245908

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.5 17.1 25.7

