

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025850.D
 Acq On : 24 Sep 2025 18:09
 Operator : CG/JU
 Sample : Q3159-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-255

Quant Time: Sep 24 18:30:10 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	7.749	152	152611	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	567461	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	392701	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	923241	20.000	ng	0.00
76) Chrysene-d12	21.642	240	971619	20.000	ng	0.00
86) Perylene-d12	25.001	264	1009540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1153220	121.929	ng	0.00
7) Phenol-d6	6.949	99	1291915	102.765	ng	0.00
23) Nitrobenzene-d5	8.890	82	961150	74.714	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	734919	150.040	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	2223066	75.376	ng	-0.01
79) Terphenyl-d14	19.901	244	4471477	82.791	ng	-0.01

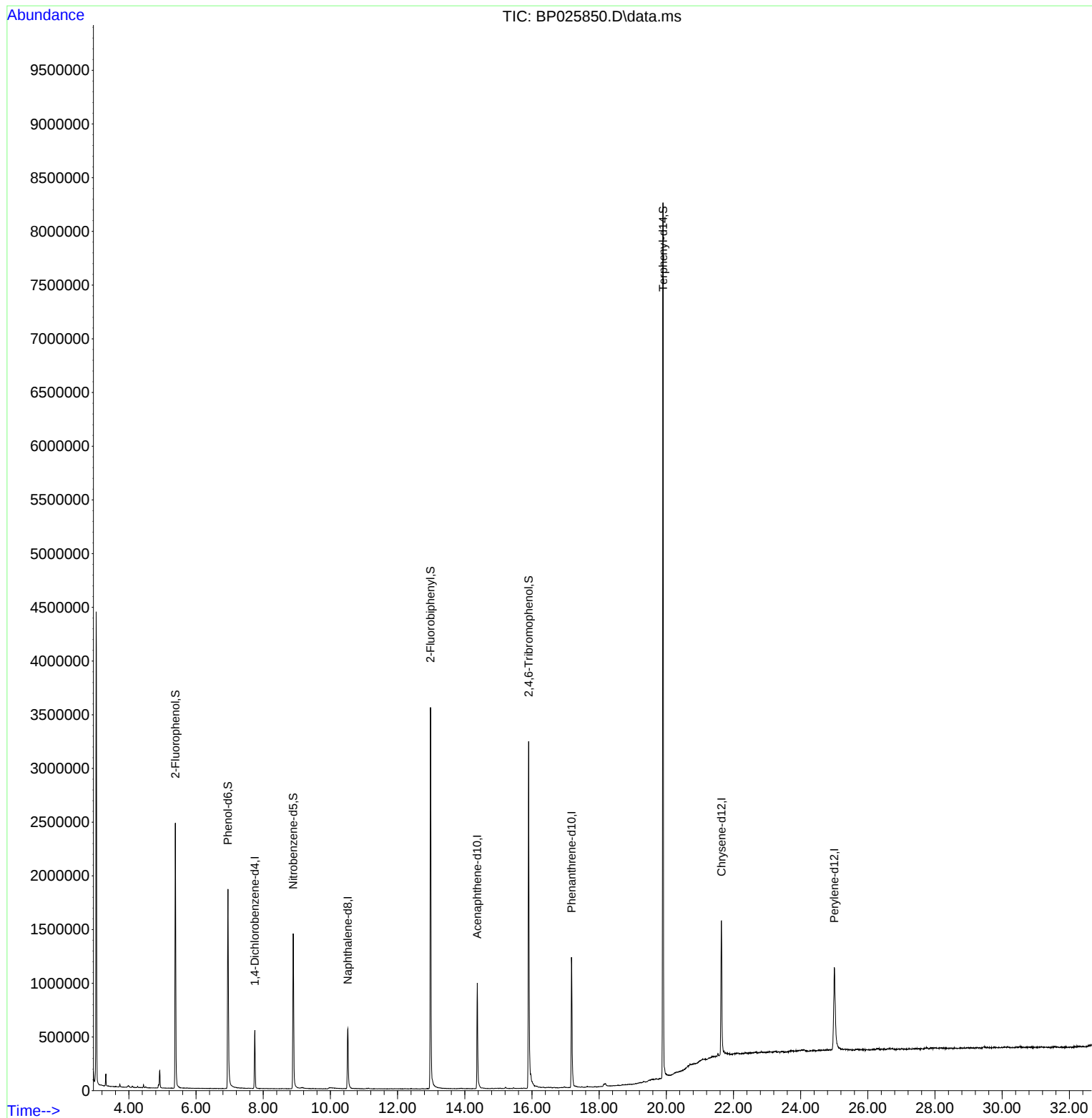
Target Compounds	Qvalue

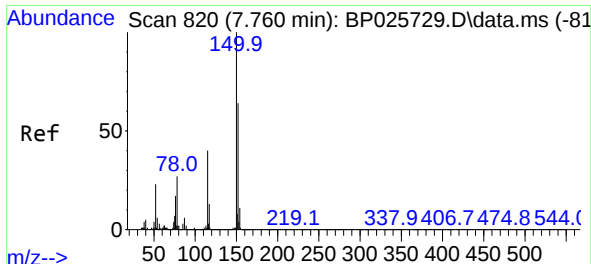
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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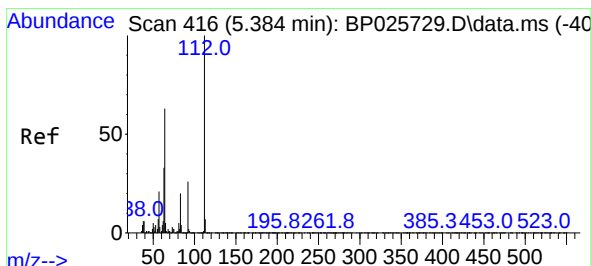
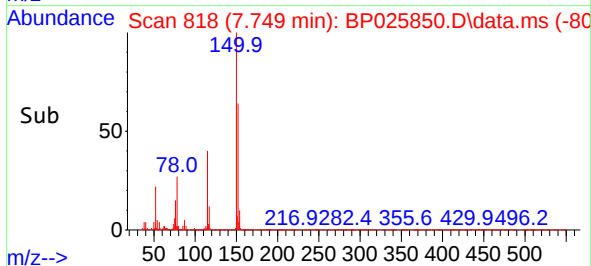
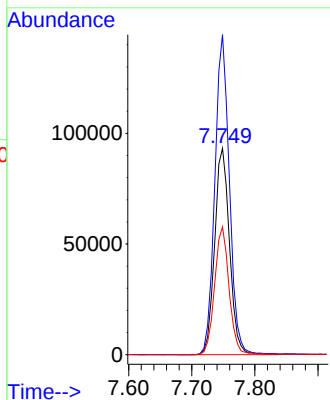
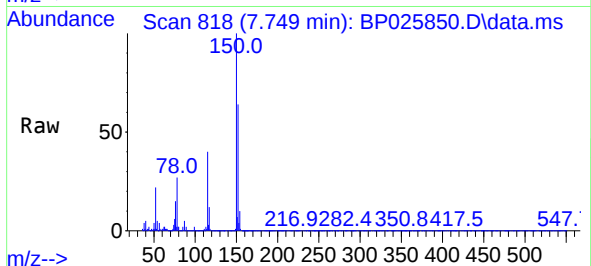




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

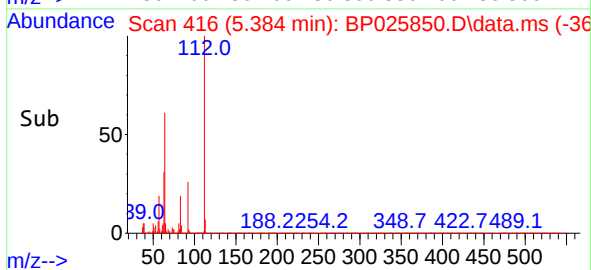
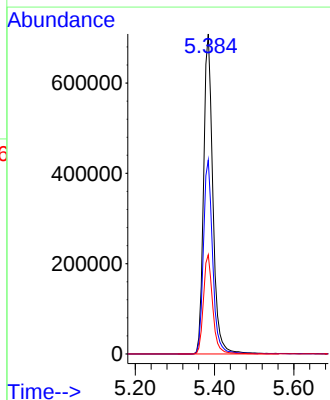
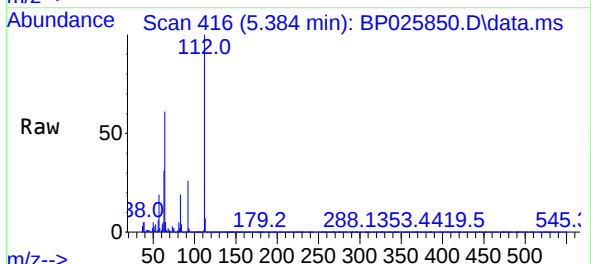
Instrument :
BNA_P
ClientSampleId :
VNJ-255

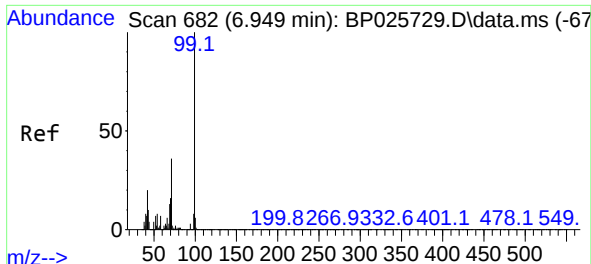
Tgt Ion:152 Resp: 152611
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 61.9 50.3 75.5



#5
2-Fluorophenol
Concen: 121.929 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:112 Resp: 1153220
Ion Ratio Lower Upper
112 100
64 60.6 50.2 75.4
63 31.0 26.7 40.1

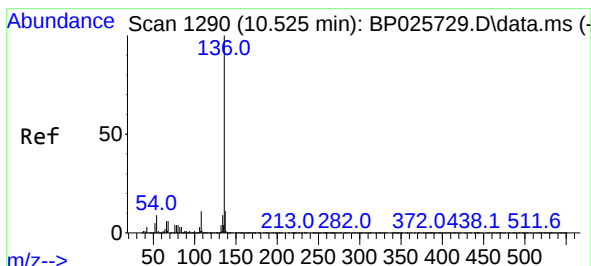
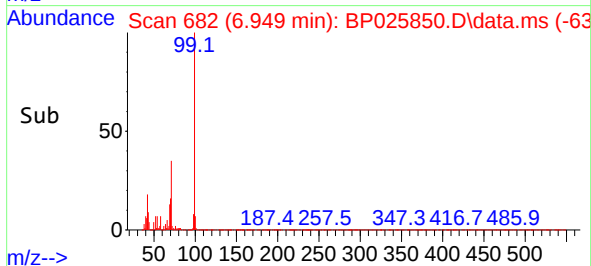
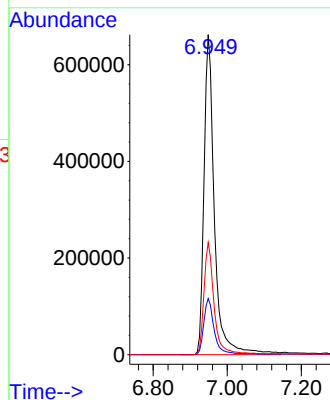
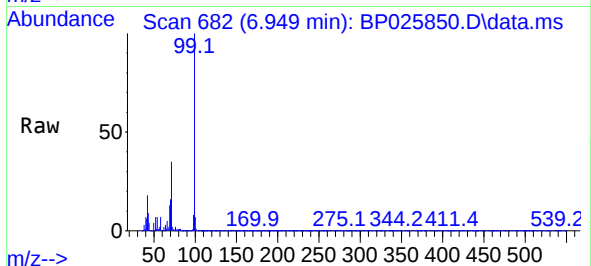




#7
Phenol-d6
Concen: 102.765 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

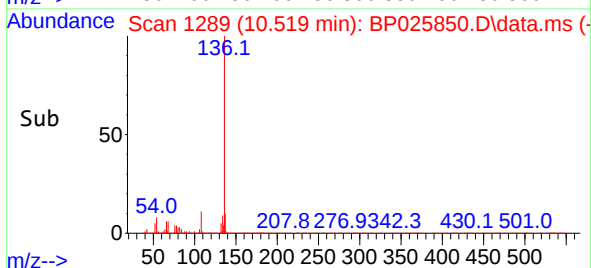
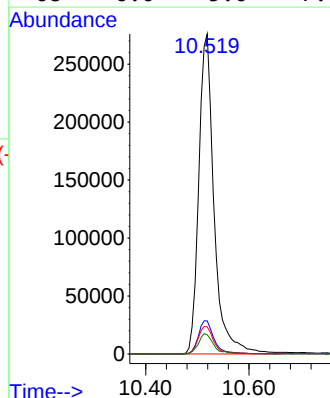
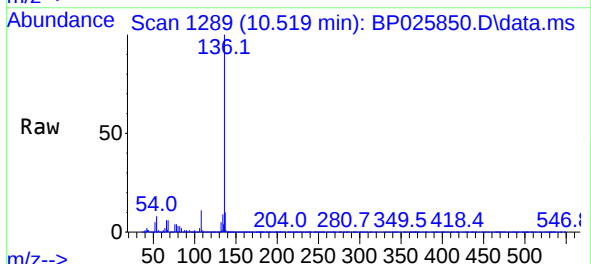
Instrument :
BNA_P
ClientSampleId :
VNJ-255

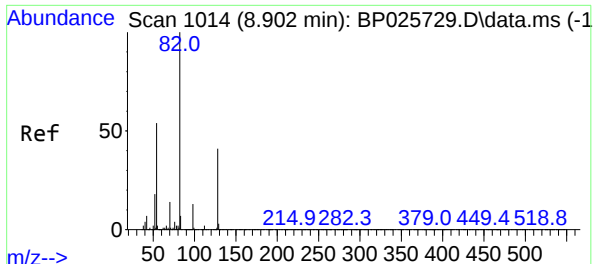
Tgt Ion: 99 Resp: 1291915
Ion Ratio Lower Upper
99 100
42 17.5 15.6 23.4
71 35.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:136 Resp: 567461
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 8.5 7.5 11.3
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 74.714 ng

RT: 8.890 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BP025850.D

Acq: 24 Sep 2025 18:09

Instrument :

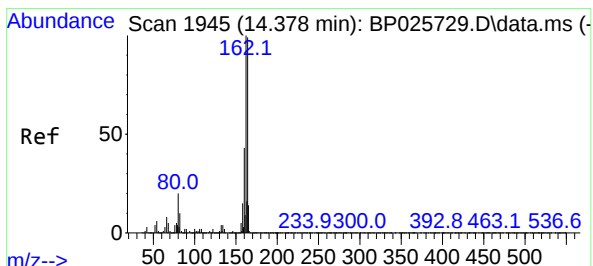
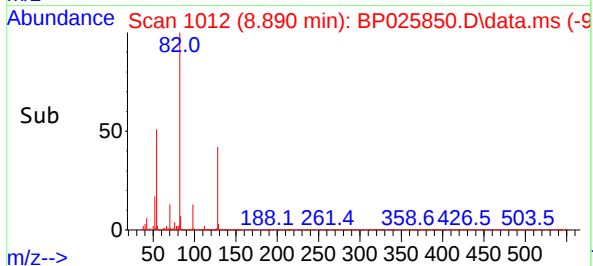
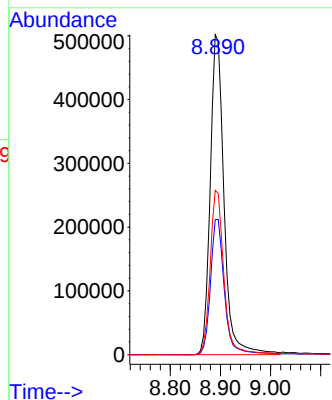
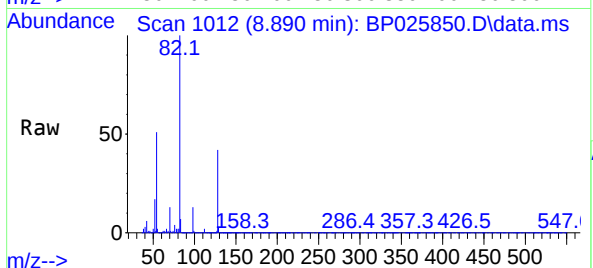
BNA_P

ClientSampleId :

VNJ-255

Tgt Ion: 82 Resp: 961150

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.9	49.3
54	51.3	43.4	65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1944

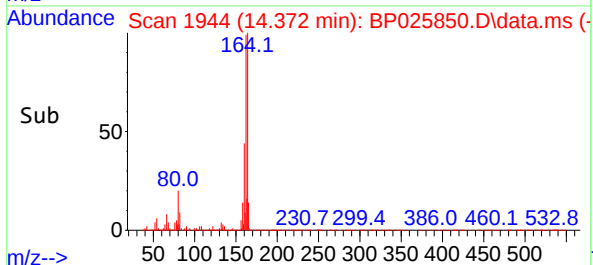
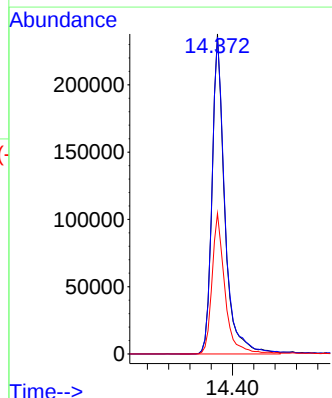
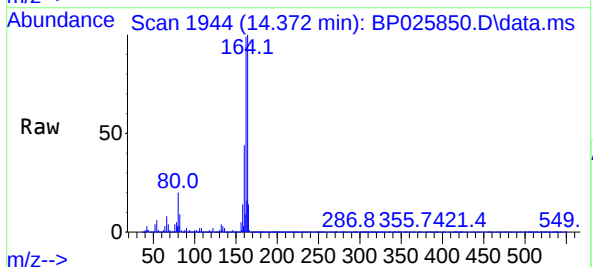
Delta R.T. -0.006 min

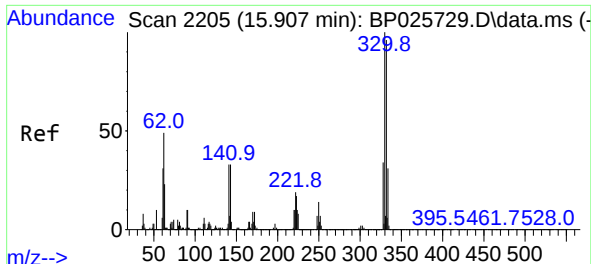
Lab File: BP025850.D

Acq: 24 Sep 2025 18:09

Tgt Ion:164 Resp: 392701

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.6	120.8
160	43.9	35.0	52.6

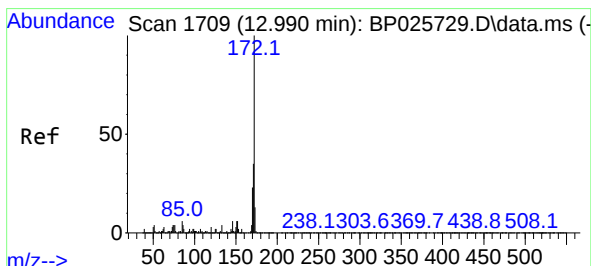
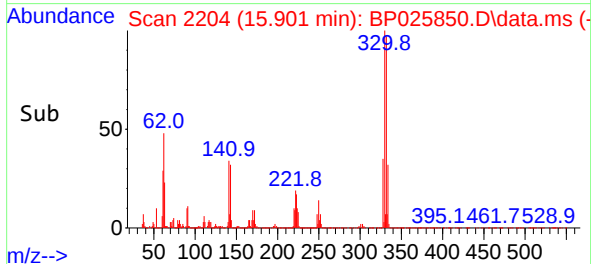
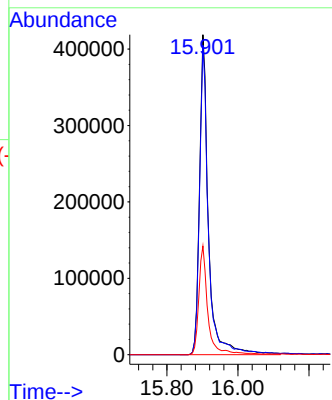
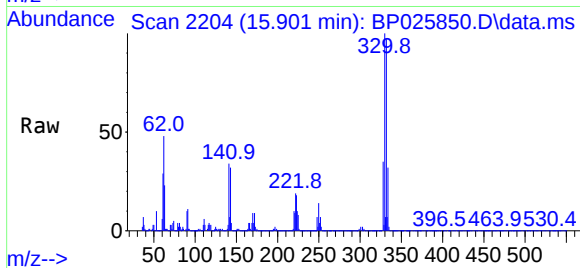




#42
2,4,6-Tribromophenol
Concen: 150.040 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

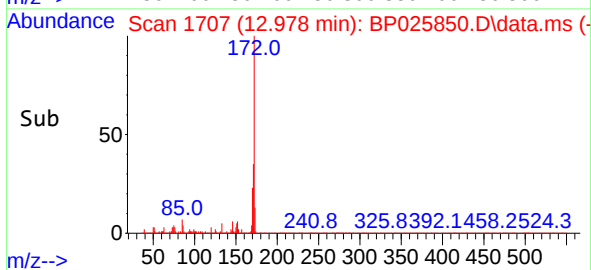
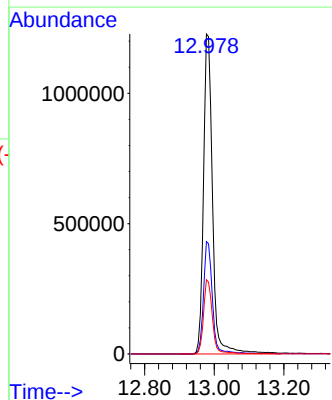
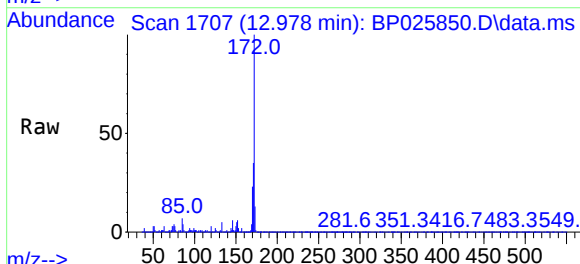
Instrument :
BNA_P
ClientSampleId :
VNJ-255

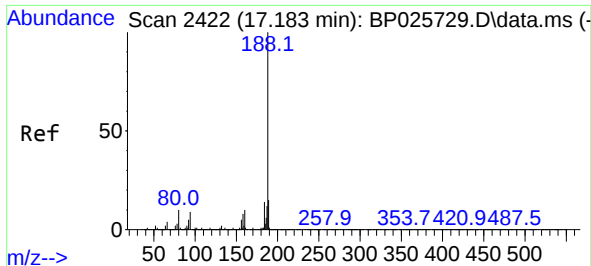
Tgt Ion:330 Resp: 734919
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 34.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 75.376 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:172 Resp: 2223066
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.2 18.6 27.8

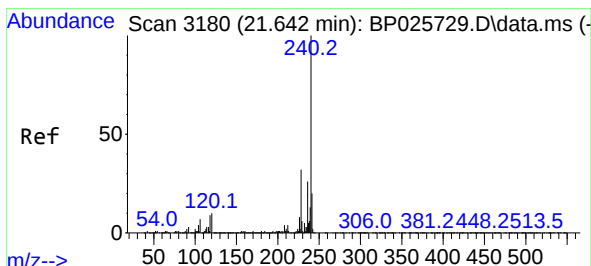
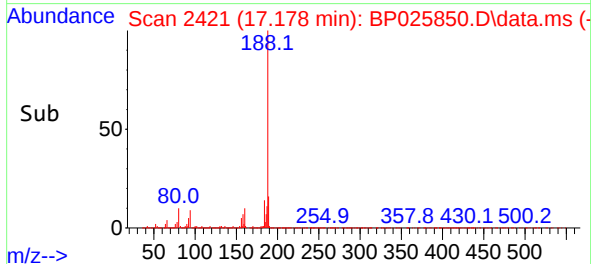
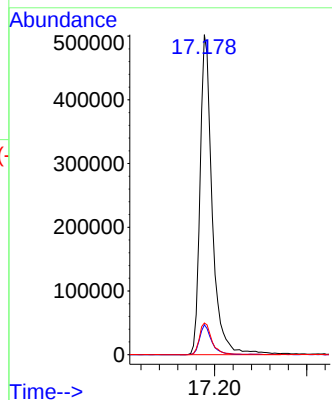
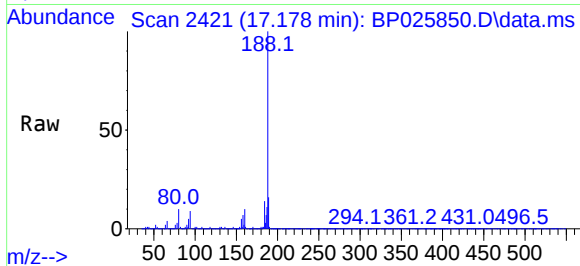




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

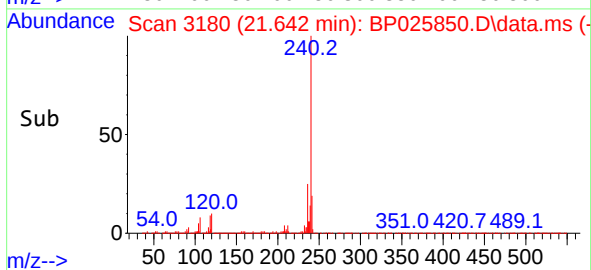
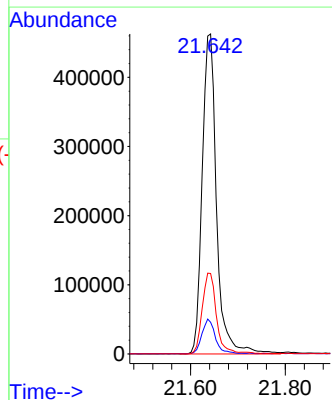
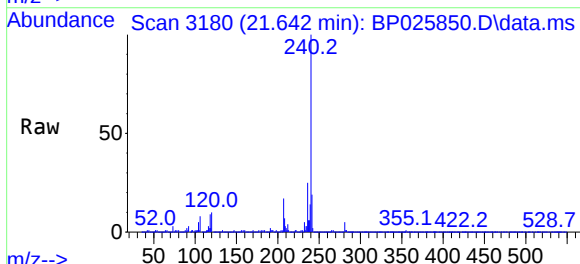
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VNJ-255

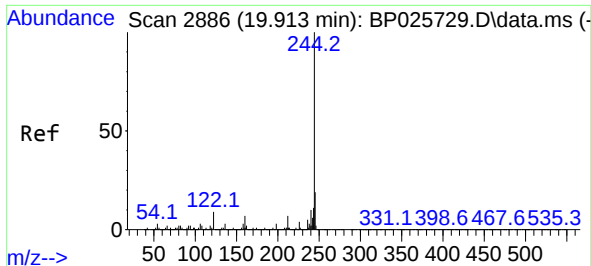
Tgt Ion:188 Resp: 923241
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:240 Resp: 971619
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.2 20.7 31.1

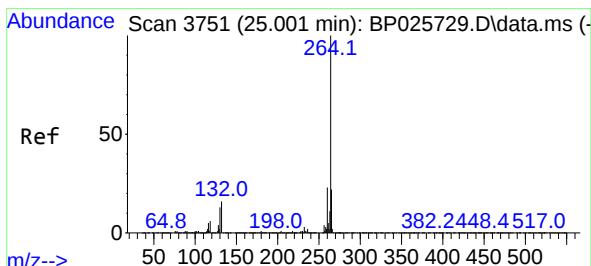
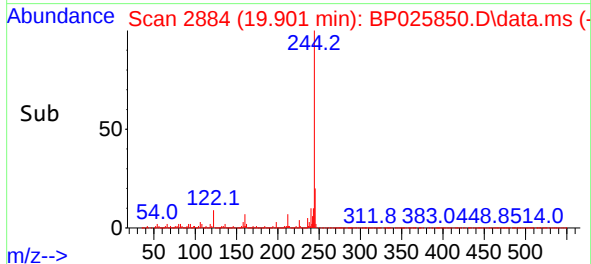
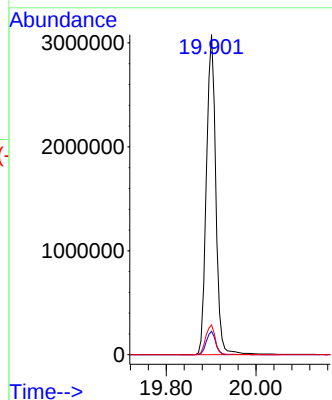
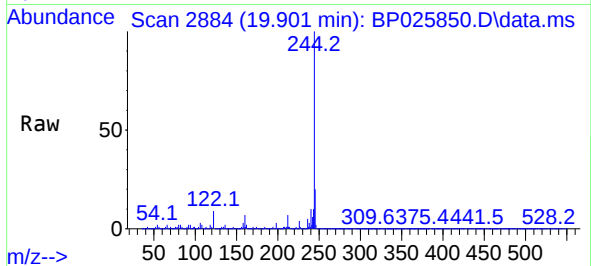




#79
Terphenyl-d14
Concen: 82.791 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Instrument :
BNA_P
ClientSampleId :
VNJ-255

Tgt Ion:244 Resp: 4471477
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.3 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.000 min
Lab File: BP025850.D
Acq: 24 Sep 2025 18:09

Tgt Ion:264 Resp: 1009540
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.9 17.3 25.9

