

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024438.D
 Acq On : 28 Apr 2025 15:41
 Operator : RC/JU
 Sample : Q1874-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-236

Quant Time: Apr 28 16:18:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

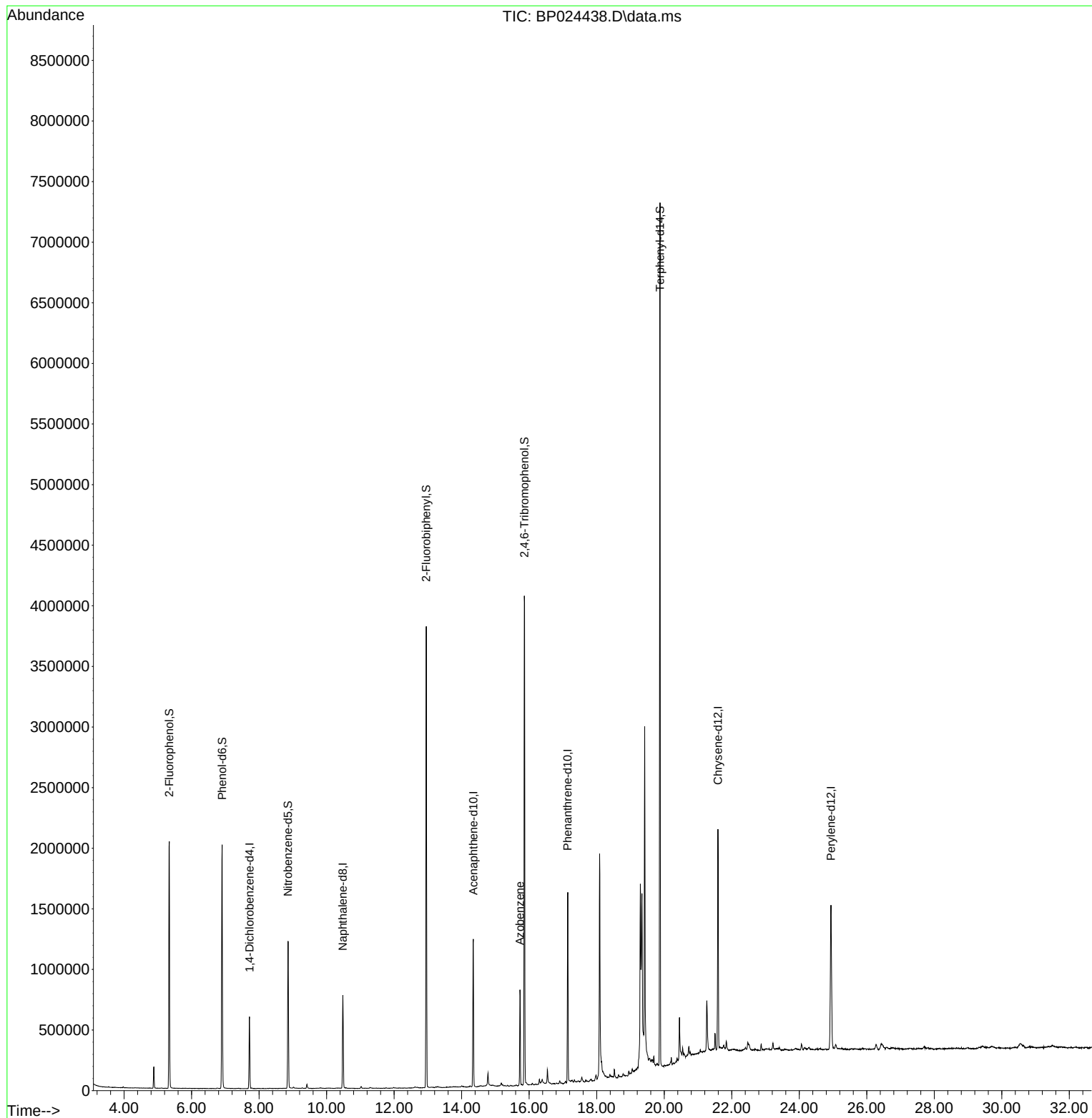
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	163631	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	658950	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	436543	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	904908	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	1003690	20.000	ng	0.00
86) Perylene-d12	24.939	264	1149985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	919639	92.927	ng	0.00
7) Phenol-d6	6.905	99	1197266	88.354	ng	0.00
23) Nitrobenzene-d5	8.857	82	724378	62.683	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	872296	144.425	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1851942	64.954	ng	-0.01
79) Terphenyl-d14	19.874	244	3441471	69.113	ng	0.00
Target Compounds						
63) Azobenzene	15.728	77	203647	6.773	ng	Qvalue # 1

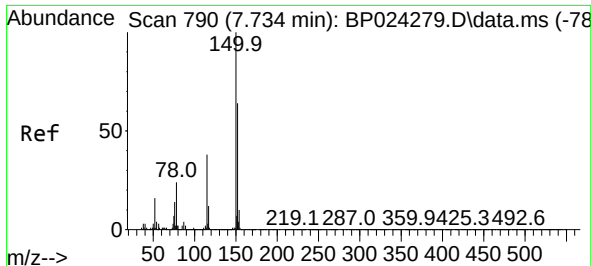
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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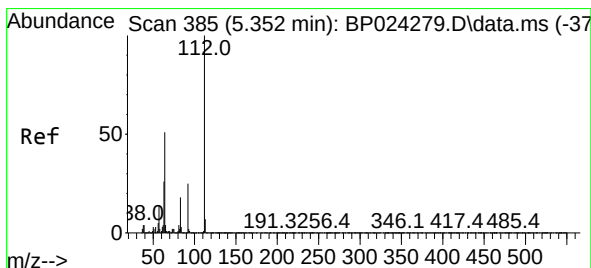
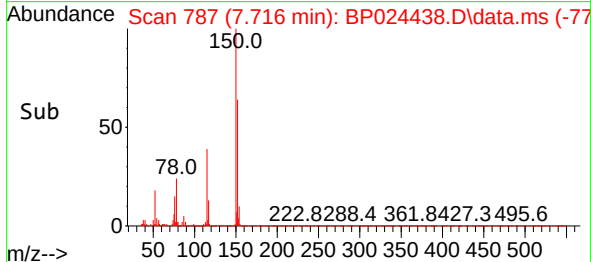
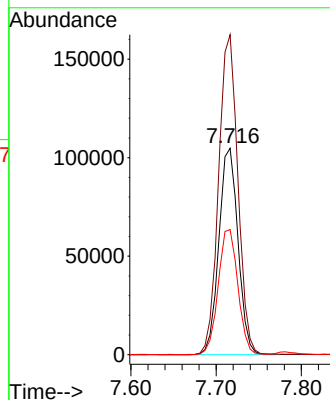
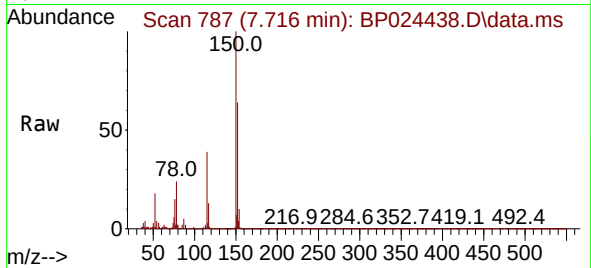




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

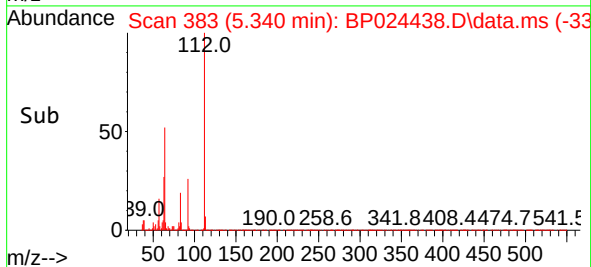
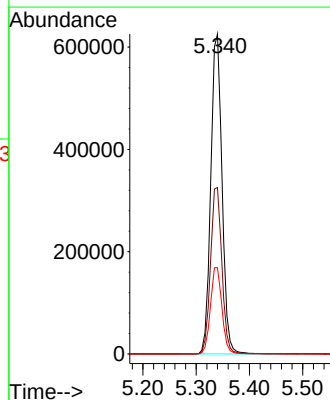
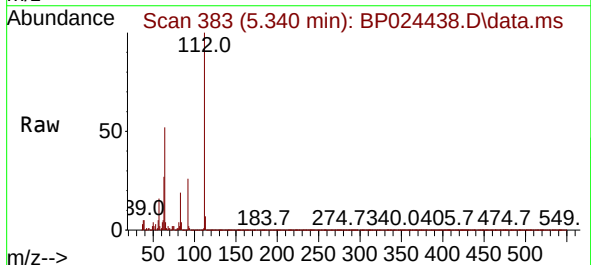
Instrument :
BNA_P
ClientSampleId :
VNJ-236

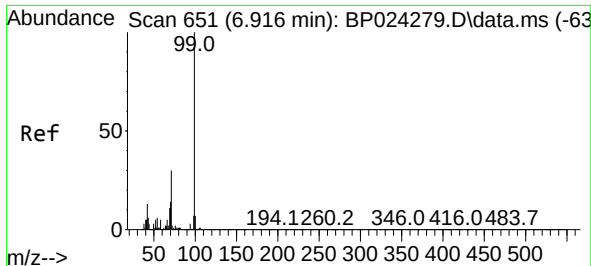
Tgt Ion:152 Resp: 163631
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 60.6 47.7 71.5



#5
2-Fluorophenol
Concen: 92.927 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

Tgt Ion:112 Resp: 919639
Ion Ratio Lower Upper
112 100
64 52.0 41.1 61.7
63 27.0 20.6 30.8



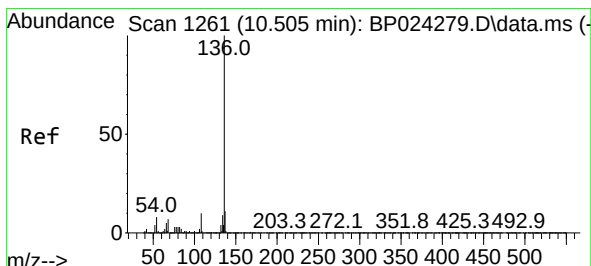
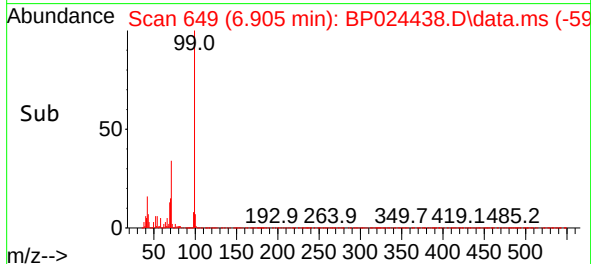
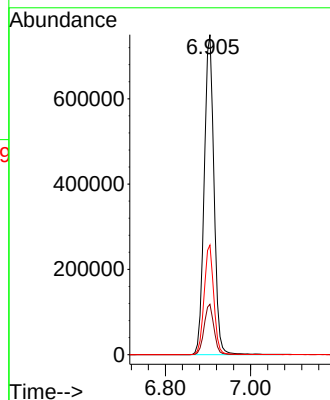
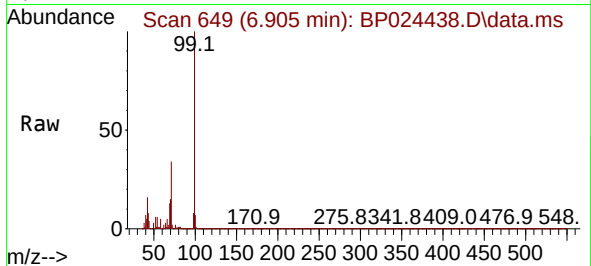


#7
Phenol-d6
Concen: 88.354 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

Instrument :
BNA_P
ClientSampleId :
VNJ-236

Tgt Ion: 99 Resp: 1197266

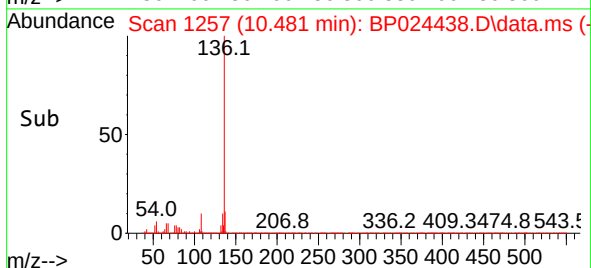
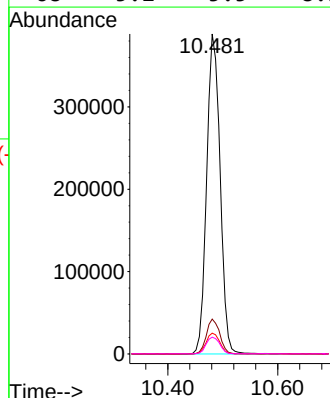
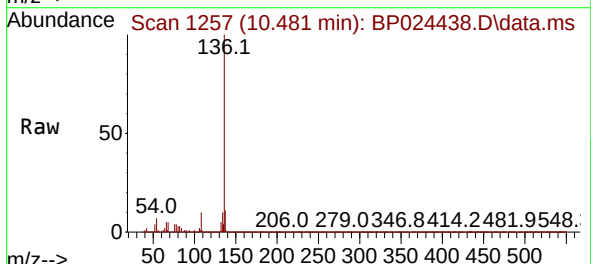
Ion	Ratio	Lower	Upper
99	100		
42	15.8	10.6	16.0
71	34.2	23.7	35.5

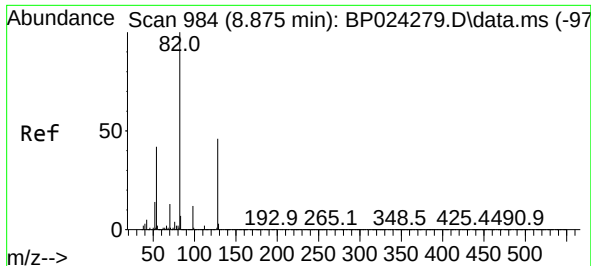


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

Tgt Ion: 136 Resp: 658950

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.5	6.0	9.0
68	5.2	5.5	8.3

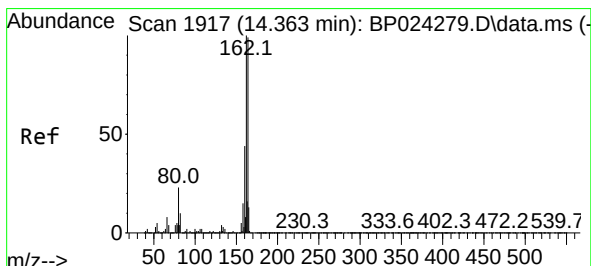
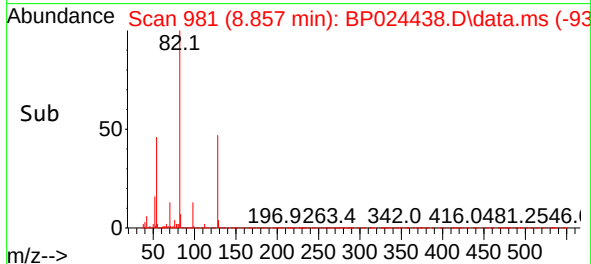
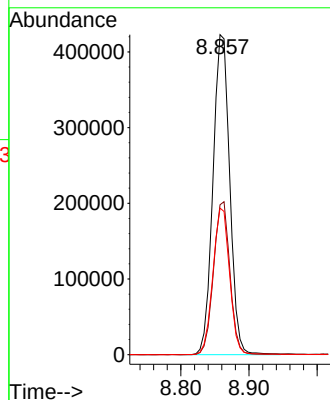
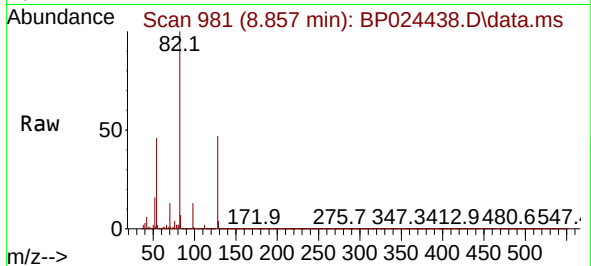




#23
Nitrobenzene-d5
Concen: 62.683 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

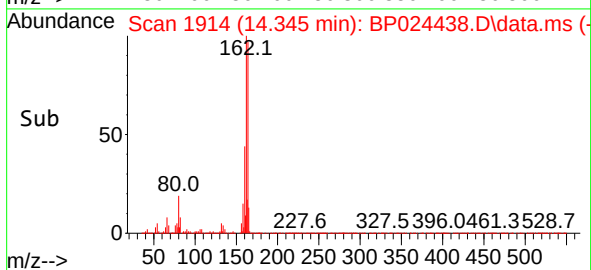
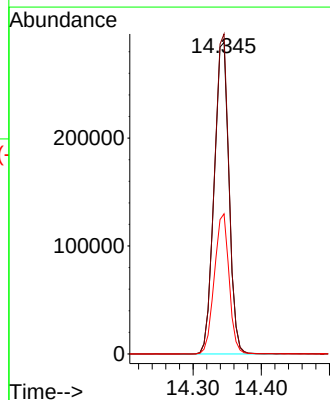
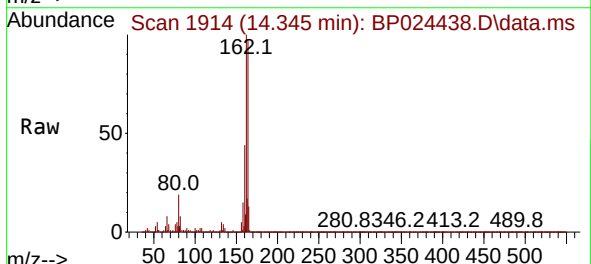
Instrument :
BNA_P
ClientSampleId :
VNJ-236

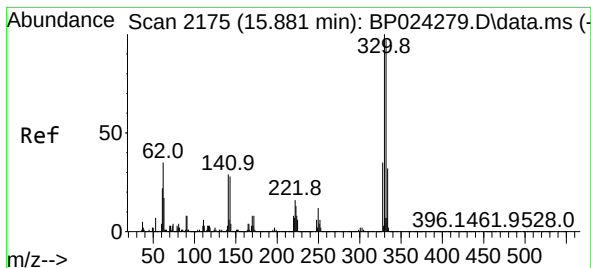
Tgt Ion: 82 Resp: 724378
Ion Ratio Lower Upper
82 100
128 46.9 36.5 54.7
54 45.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

Tgt Ion:164 Resp: 436543
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 144.425 ng

RT: 15.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024438.D

Acq: 28 Apr 2025 15:41

Instrument :

BNA_P

ClientSampleId :

VNJ-236

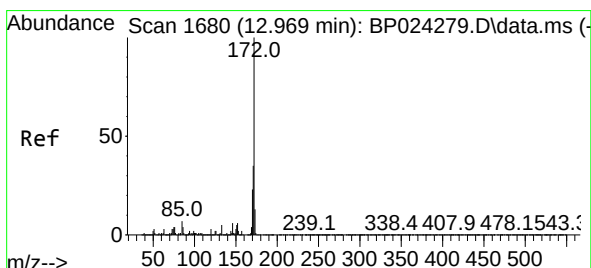
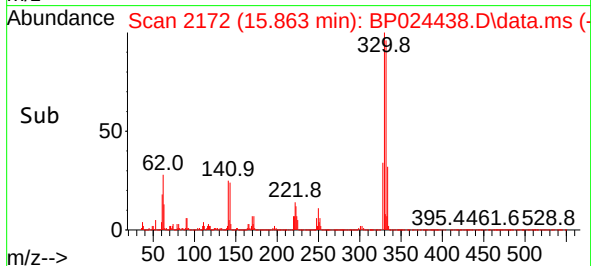
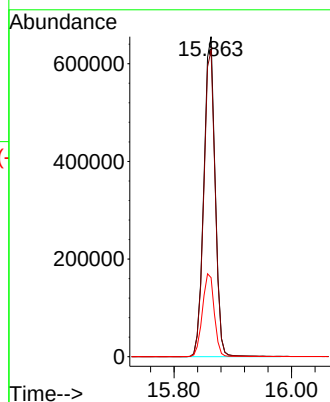
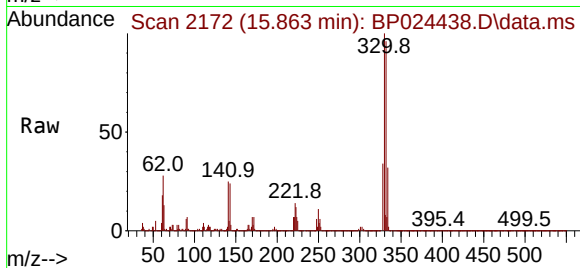
Tgt Ion:330 Resp: 872296

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 27.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 64.954 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024438.D

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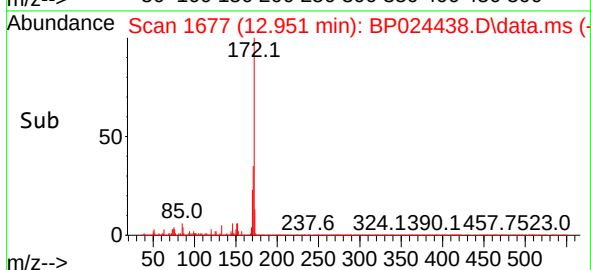
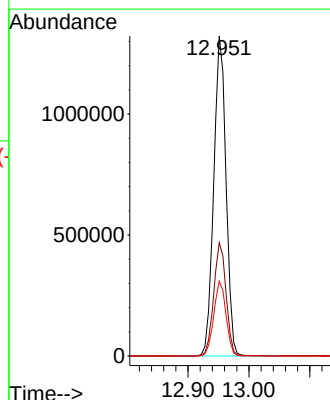
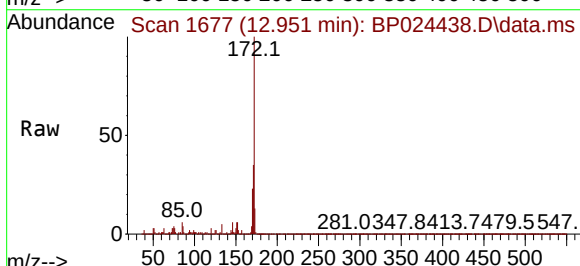
Tgt Ion:172 Resp: 1851942

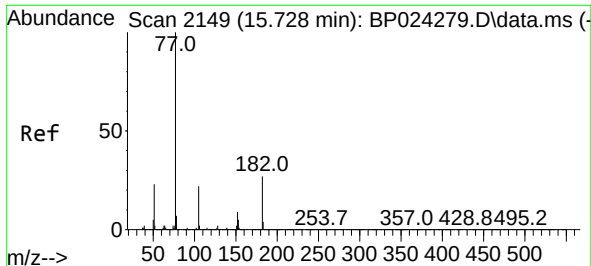
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.6 27.8

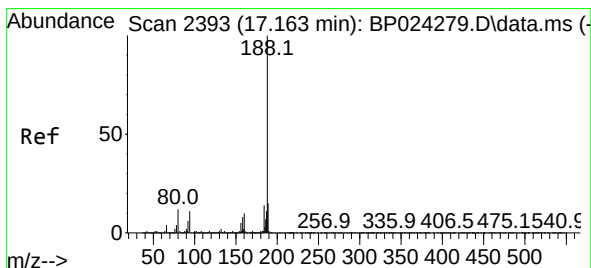
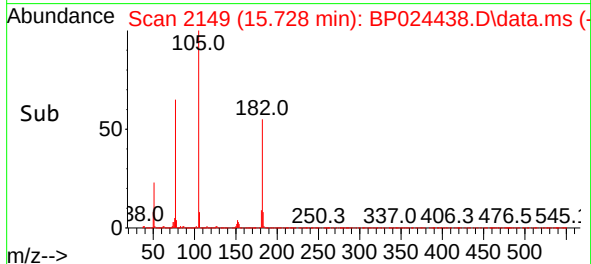
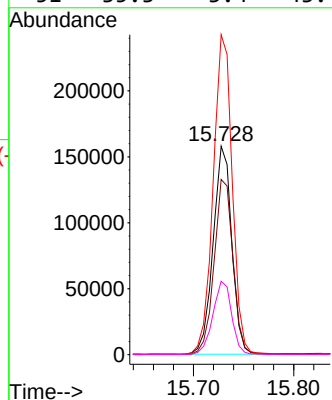
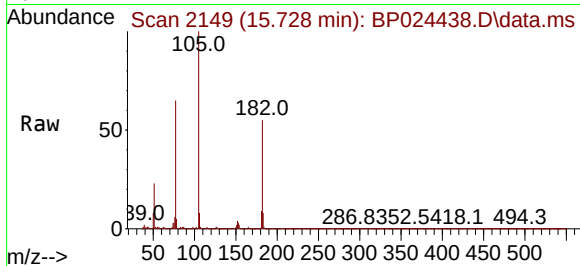




#63
Azobenzene
Concen: 6.773 ng
RT: 15.728 min Scan# 2149
Delta R.T. 0.018 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

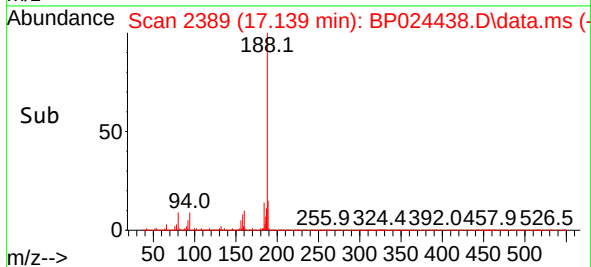
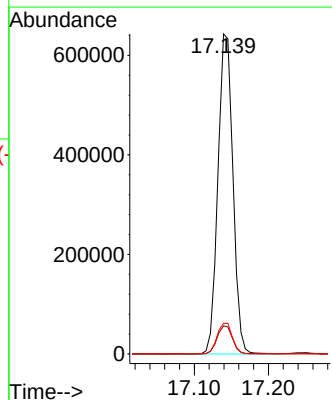
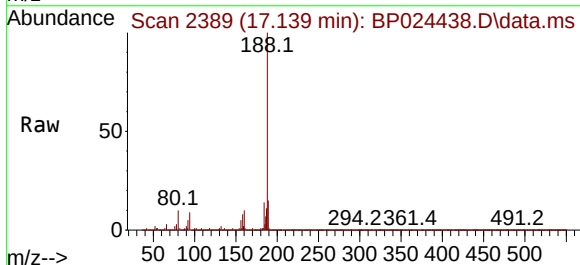
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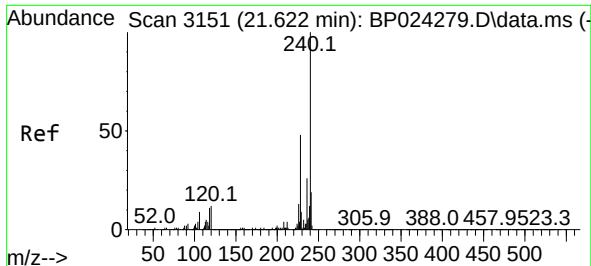
Tgt Ion: 77	Resp: 203647
Ion Ratio	Lower Upper
77 100	
182 84.0	7.3 47.3#
105 153.5	2.3 42.3#
51 35.3	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

Tgt Ion:188	Resp: 904908
Ion Ratio	Lower Upper
188 100	
94 8.8	8.6 13.0
80 9.5	9.8 14.6#

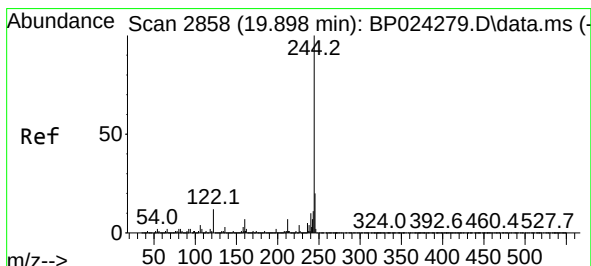
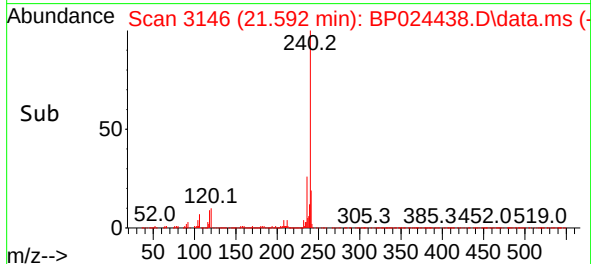
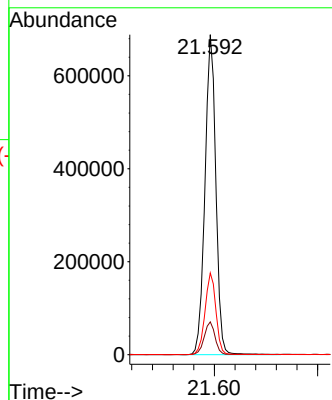
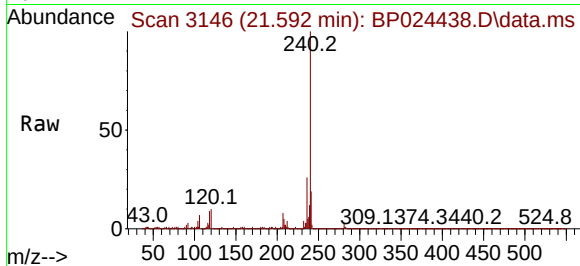




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

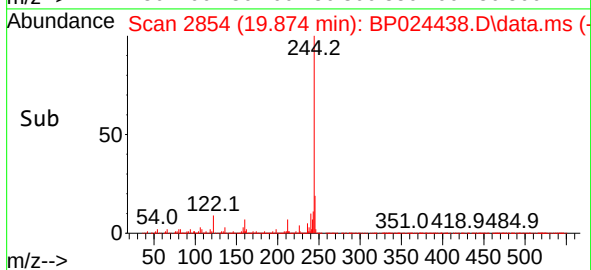
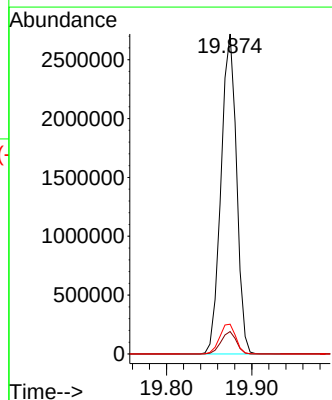
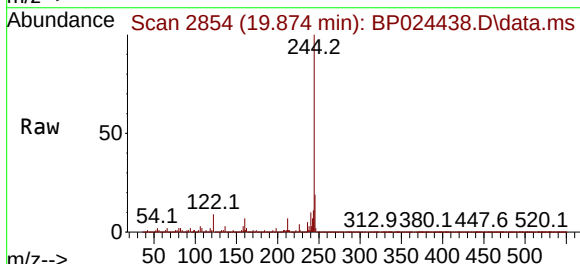
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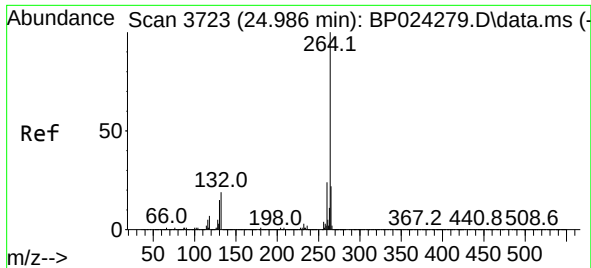
Tgt Ion:240 Resp: 1003690
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 69.113 ng
RT: 19.874 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

Tgt Ion:244 Resp: 3441471
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.3 9.4 14.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.939 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024438.D
Acq: 28 Apr 2025 15:41

Instrument :
BNA_P
ClientSampleId :
VNJ-236

Tgt Ion:264 Resp: 1149985

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.6	17.8	26.6

