

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024481.D
 Acq On : 30 Apr 2025 20:11
 Operator : RC/JU
 Sample : Q1904-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-210

Quant Time: May 01 01:07:15 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)

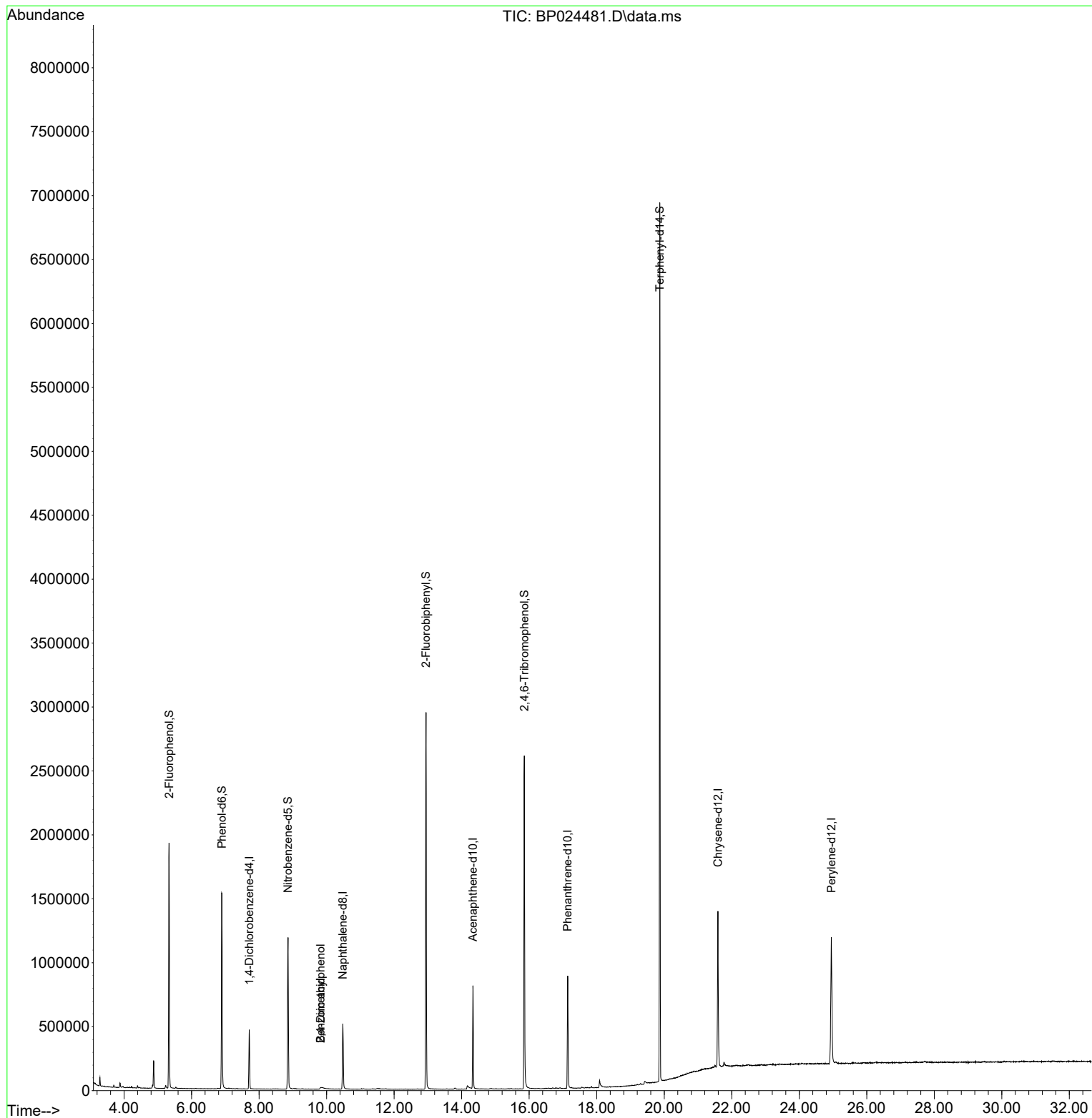
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	124206	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	464378	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	269861	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	552630	20.000	ng	0.00
76) Chrysene-d12	21.592	240	730495	20.000	ng	# 0.00
86) Perylene-d12	24.951	264	901131	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	837466	111.485	ng	-0.01
7) Phenol-d6	6.899	99	920976	89.538	ng	-0.01
23) Nitrobenzene-d5	8.857	82	709736	87.149	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	554424	148.493	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1503350	85.296	ng	-0.02
79) Terphenyl-d14	19.869	244	3146501	86.821	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.822	122	14486	2.926	ng	# 4
32) Benzoic acid	9.822	122	14486	2.511	ng	91

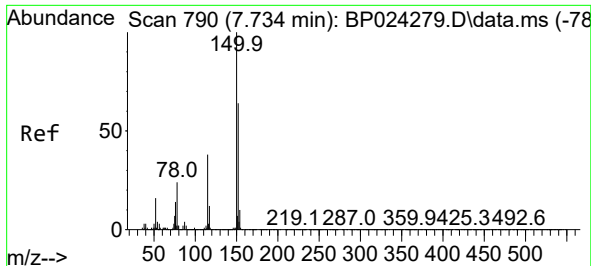
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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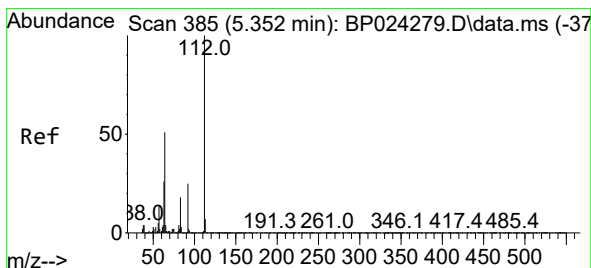
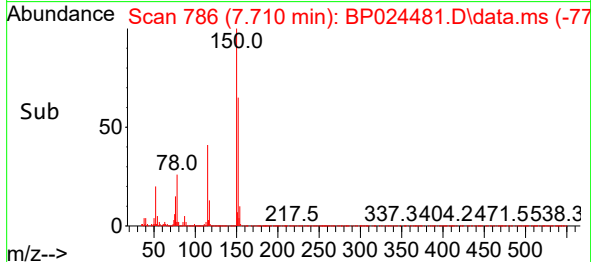
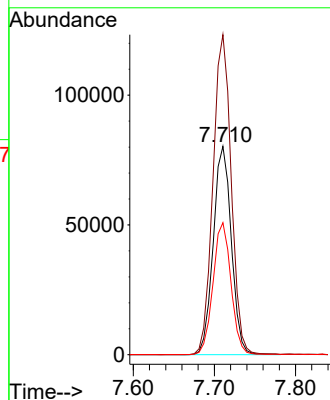
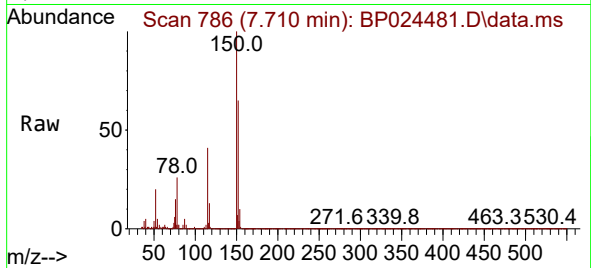




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

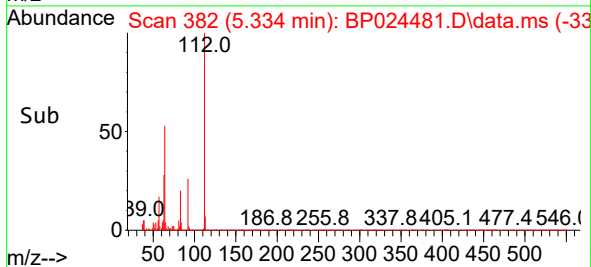
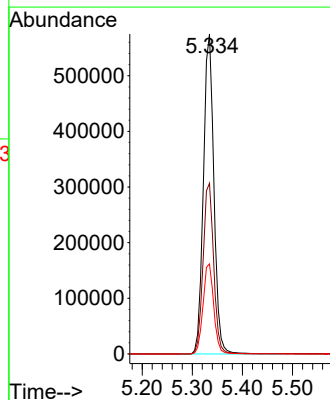
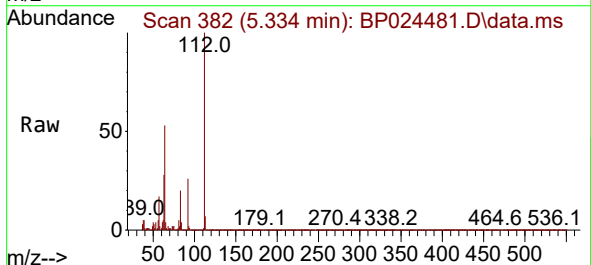
Instrument :
BNA_P
ClientSampleId :
VNJ-210

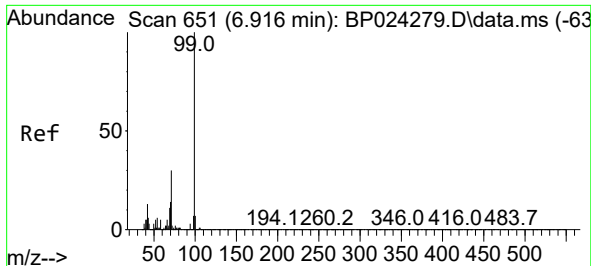
Tgt Ion:152 Resp: 124206
Ion Ratio Lower Upper
152 100
150 153.6 124.9 187.3
115 63.4 47.7 71.5



#5
2-Fluorophenol
Concen: 111.485 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

Tgt Ion:112 Resp: 837466
Ion Ratio Lower Upper
112 100
64 53.3 41.1 61.7
63 28.2 20.6 30.8

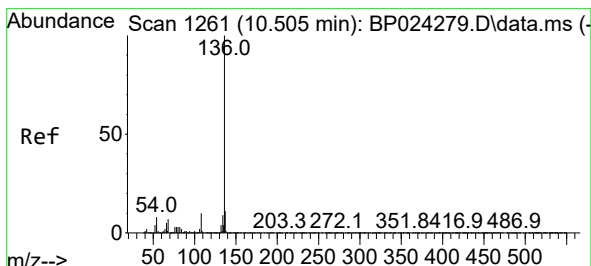
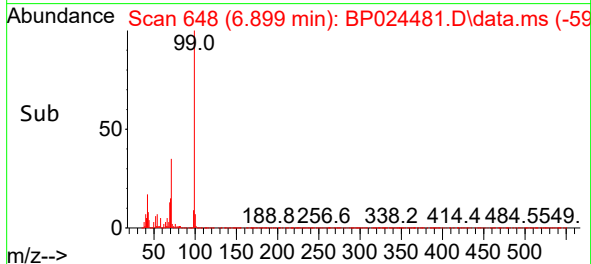
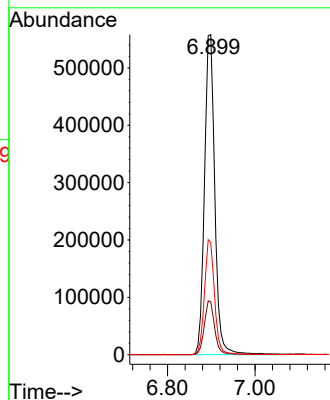
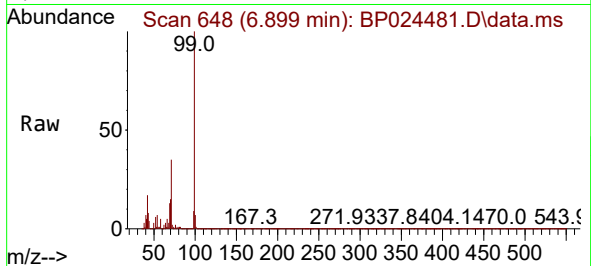




#7
Phenol-d6
Concen: 89.538 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

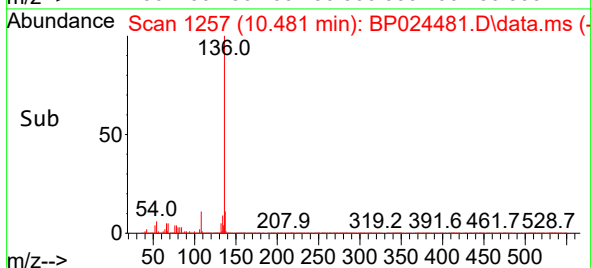
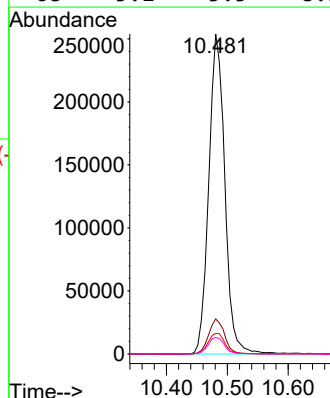
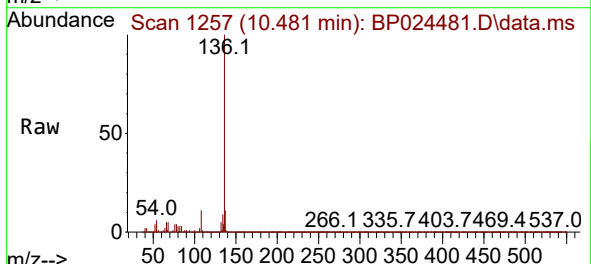
Instrument :
BNA_P
ClientSampleId :
VNJ-210

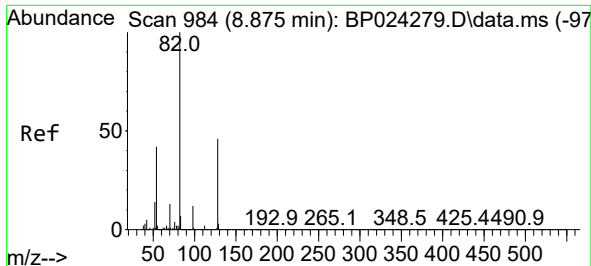
Tgt Ion: 99 Resp: 920976
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

Tgt Ion: 136 Resp: 464378
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.4 6.0 9.0
68 5.1 5.5 8.3#

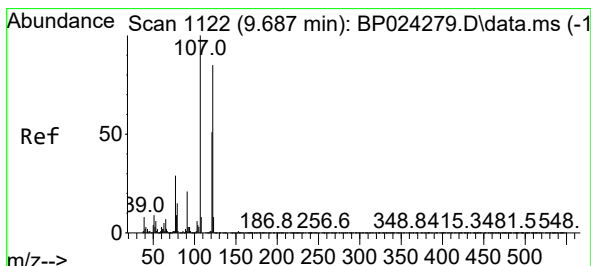
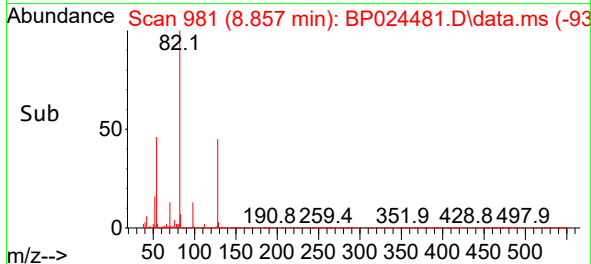
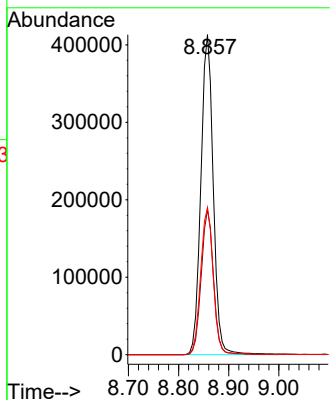
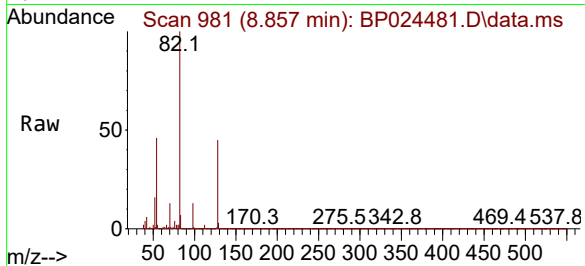




#23
Nitrobenzene-d5
Concen: 87.149 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

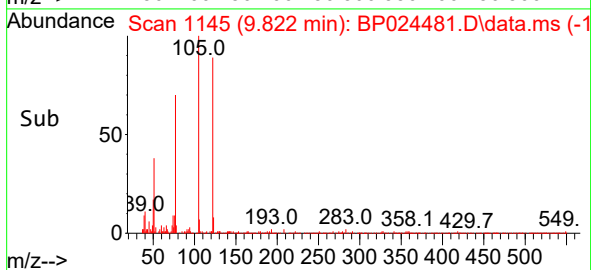
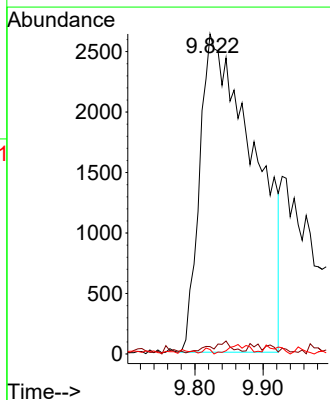
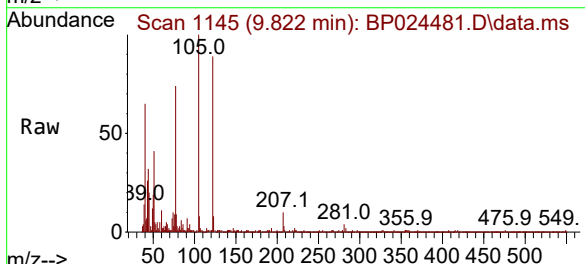
Instrument :
BNA_P
ClientSampleId :
VNJ-210

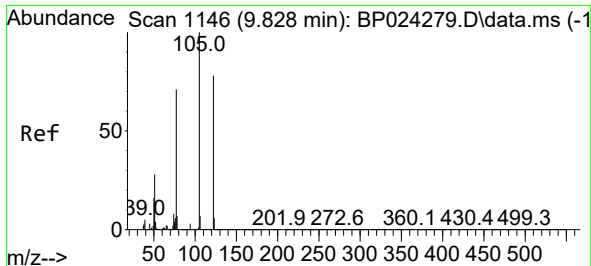
Tgt Ion: 82 Resp: 709736
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 46.0 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 2.926 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.141 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

Tgt Ion:122 Resp: 14486
Ion Ratio Lower Upper
122 100
107 2.3 93.7 140.5#
121 1.4 48.2 72.2#

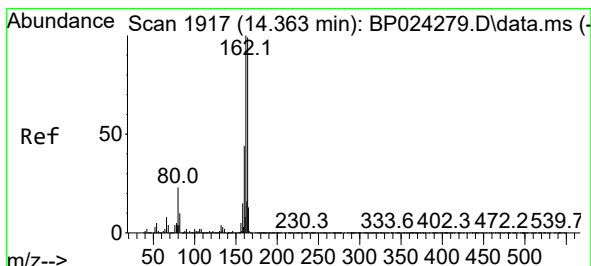
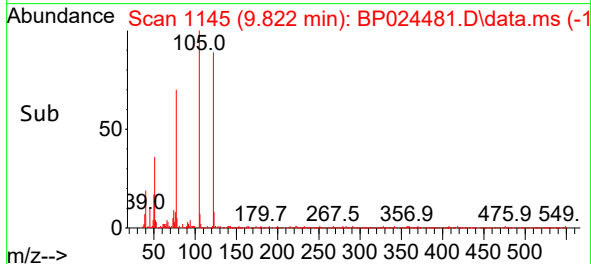
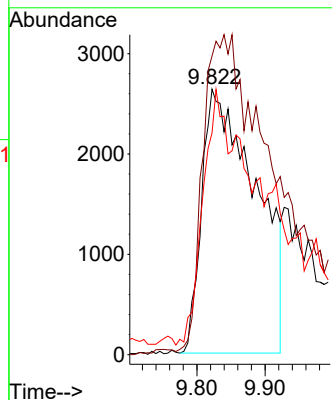
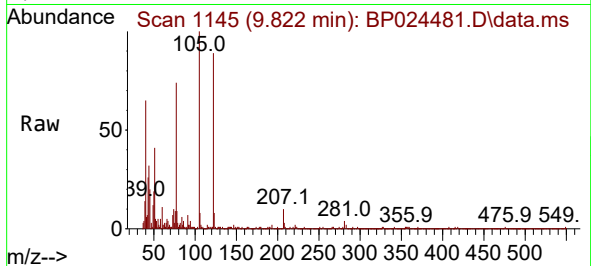




#32
Benzoic acid
Concen: 2.511 ng
RT: 9.822 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

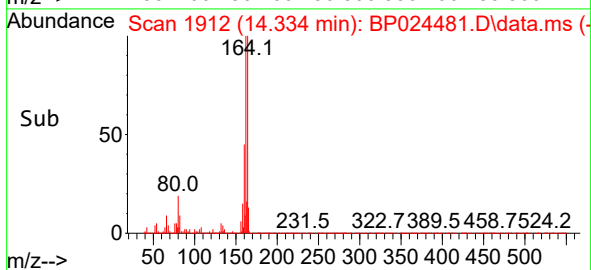
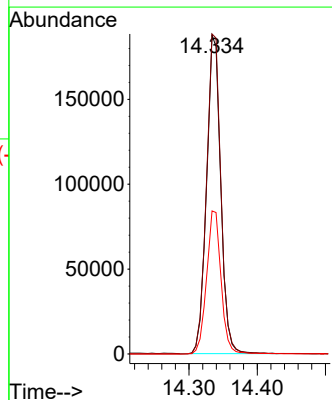
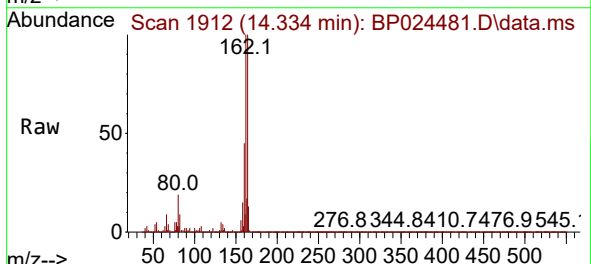
Instrument :
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ClientSampleId :
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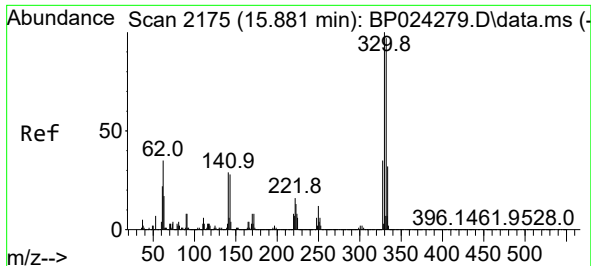
Tgt Ion:122 Resp: 14486
Ion Ratio Lower Upper
122 100
105 112.5 104.8 144.8
77 83.5 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

Tgt Ion:164 Resp: 269861
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 44.9 35.3 52.9

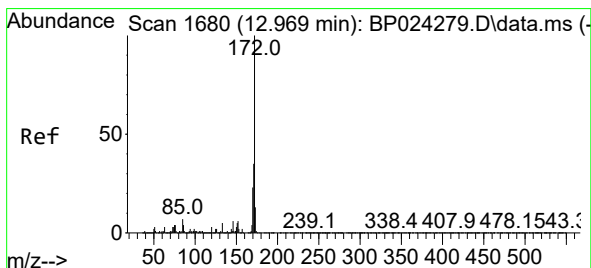
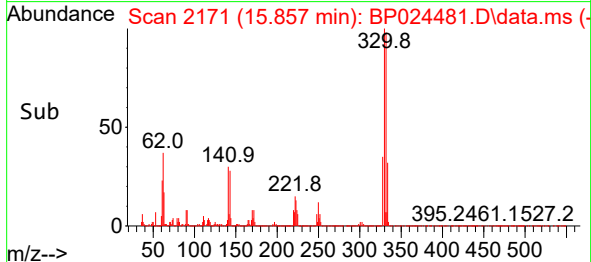
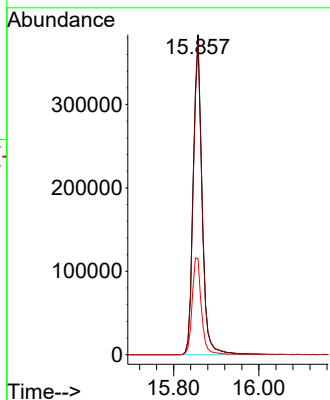
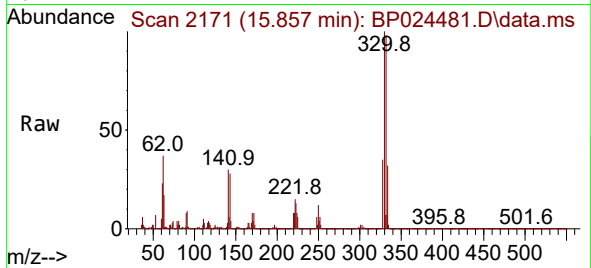




#42
2,4,6-Tribromophenol
Concen: 148.493 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

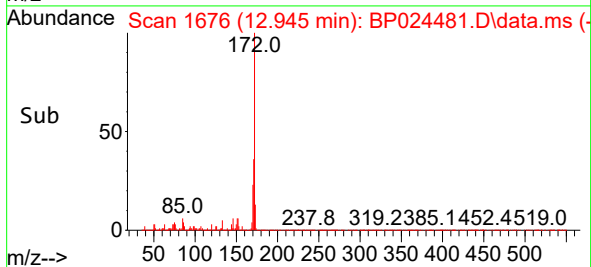
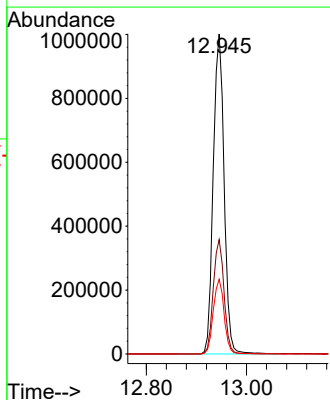
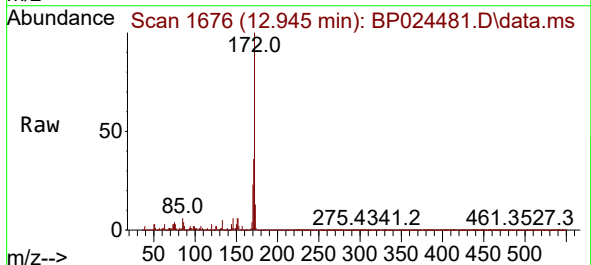
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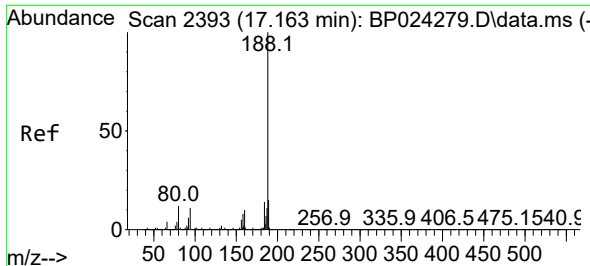
Tgt Ion: 330 Resp: 554424
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 31.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 85.296 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

Tgt Ion: 172 Resp: 1503350
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.4 18.6 27.8

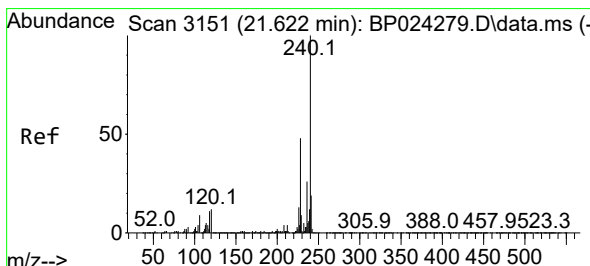
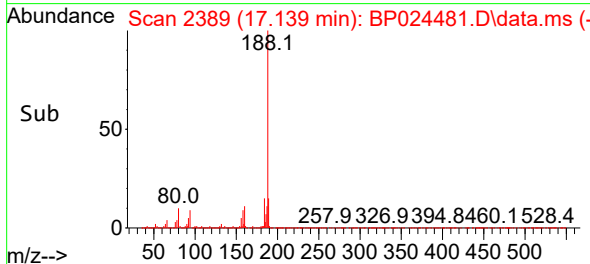
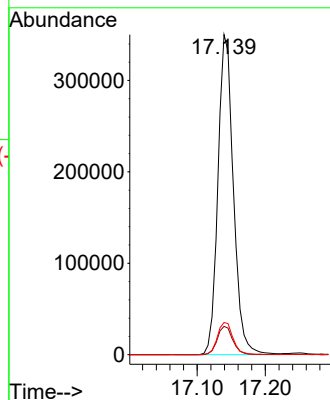
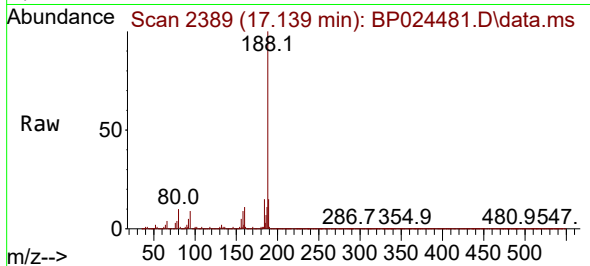




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

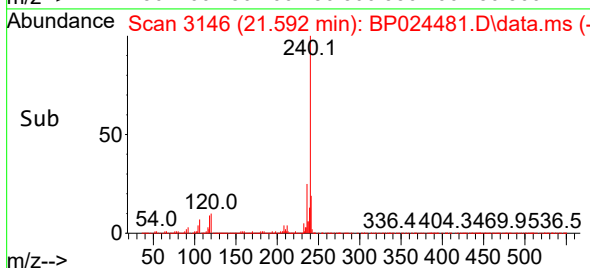
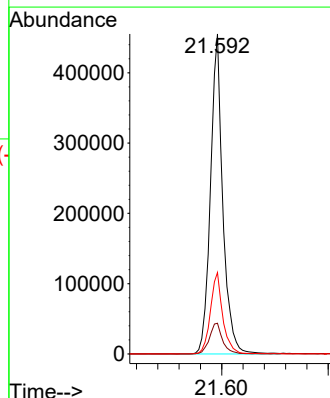
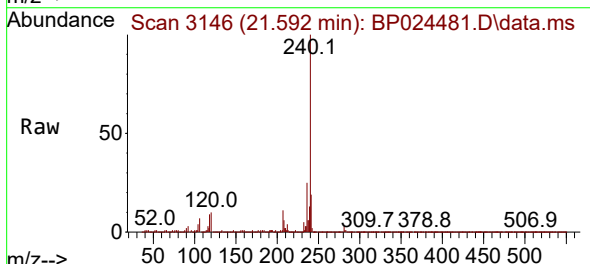
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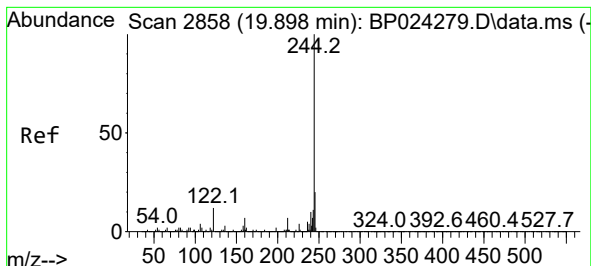
Tgt Ion:188 Resp: 552630
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 10.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024481.D
Acq: 30 Apr 2025 20:11

Tgt Ion:240 Resp: 730495
Ion Ratio Lower Upper
240 100
120 9.6 9.8 14.8#
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 86.821 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024481.D

Acq: 30 Apr 2025 20:11

Instrument :

BNA_P

ClientSampleId :

VNJ-210

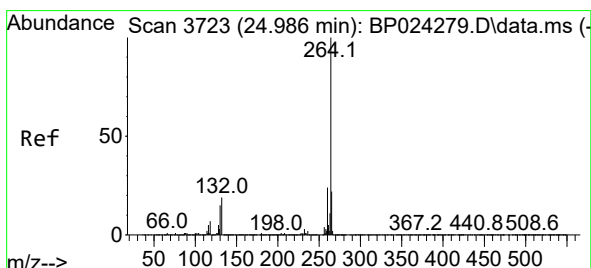
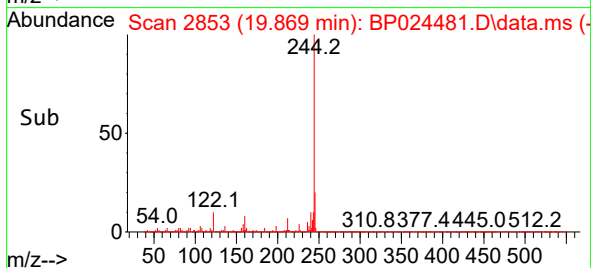
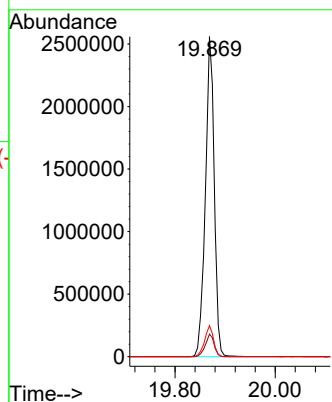
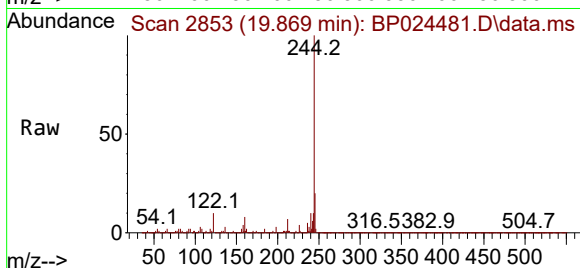
Tgt Ion:244 Resp: 3146501

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.7 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024481.D

Acq: 30 Apr 2025 20:11

Tgt Ion:264 Resp: 901131

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.3 17.8 26.6

