

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024455.D
 Acq On : 29 Apr 2025 11:55
 Operator : RC/JU
 Sample : Q1874-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-236

Quant Time: Apr 29 12:20:00 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)

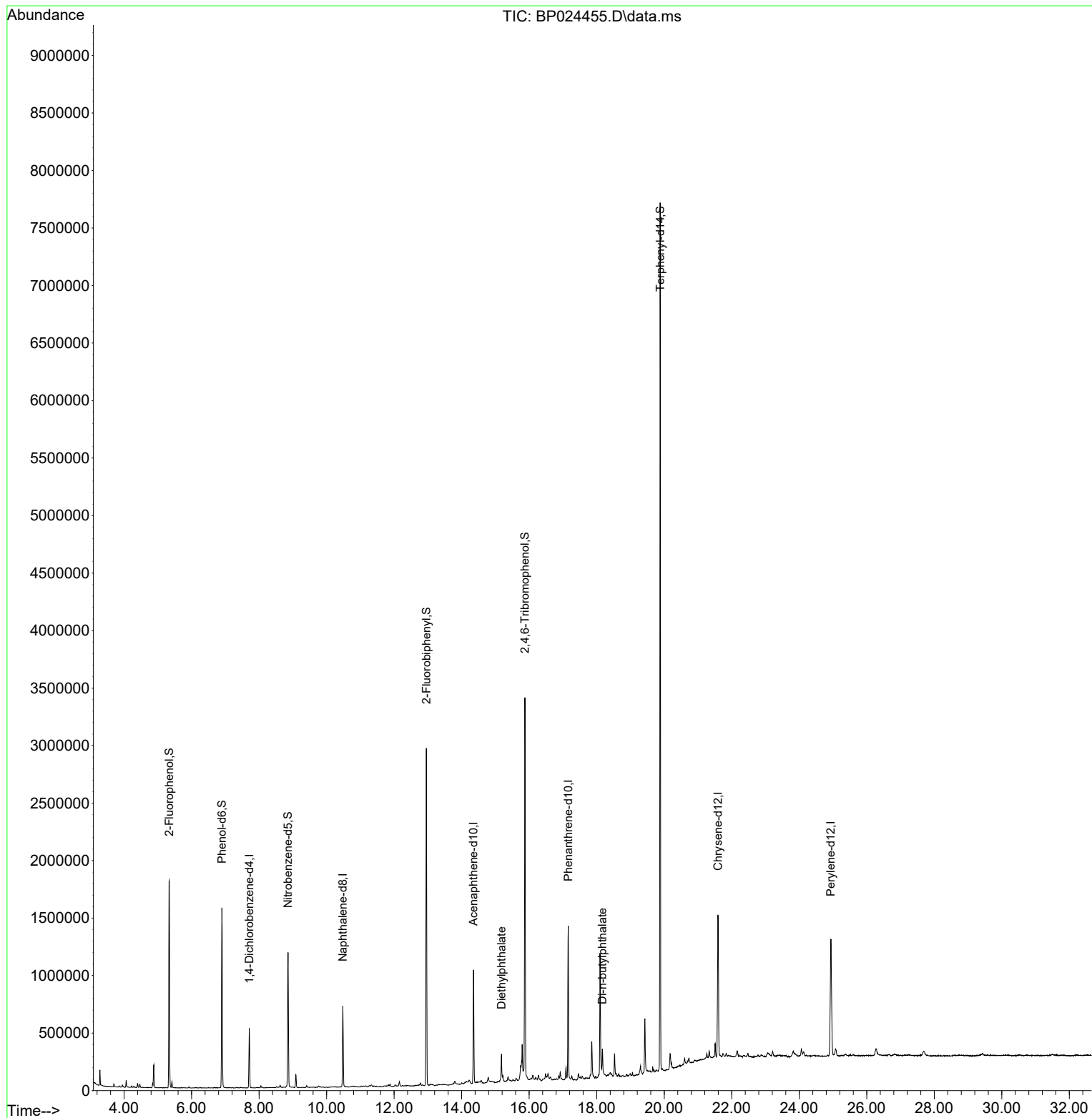
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	140725	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	546653	20.000	ng	#-0.02
39) Acenaphthene-d10	14.351	164	336539	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	734129	20.000	ng	0.01
76) Chrysene-d12	21.592	240	908379	20.000	ng	0.00
86) Perylene-d12	24.933	264	1051206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	798100	93.773	ng	0.00
7) Phenol-d6	6.899	99	890376	76.402	ng	-0.01
23) Nitrobenzene-d5	8.857	82	684127	71.361	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	700780	150.505	ng	0.01
45) 2-Fluorobiphenyl	12.957	172	1535284	69.849	ng	0.00
79) Terphenyl-d14	19.880	244	3467541	76.943	ng	0.00
Target Compounds						
60) Diethylphthalate	15.181	149	153444	6.084	ng	Qvalue 99
74) Di-n-butylphthalate	18.169	149	183050	3.896	ng	# 98

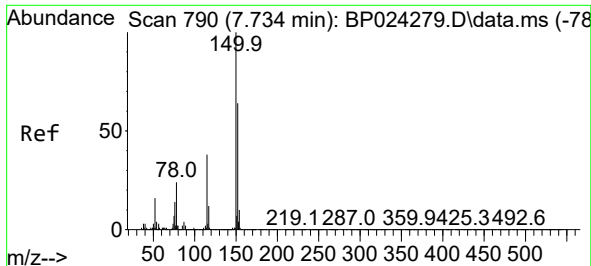
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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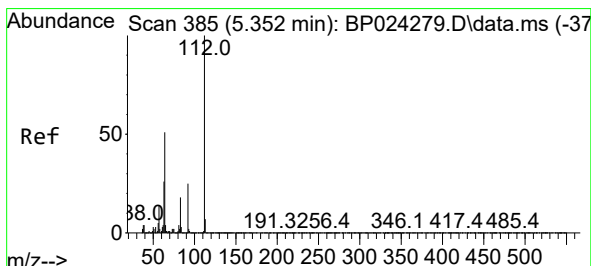
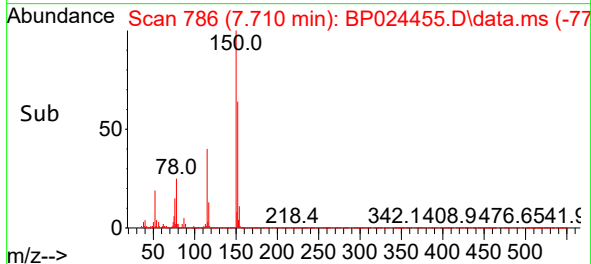
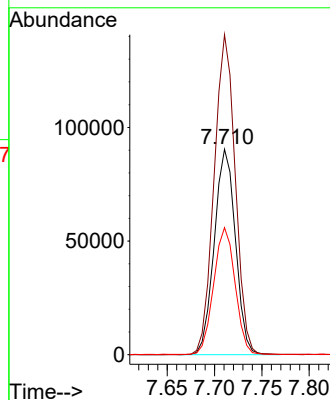
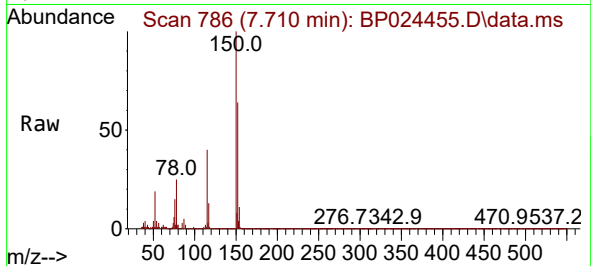




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

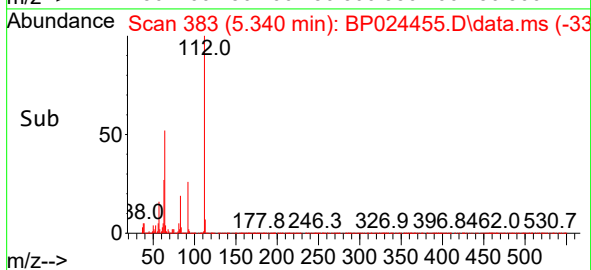
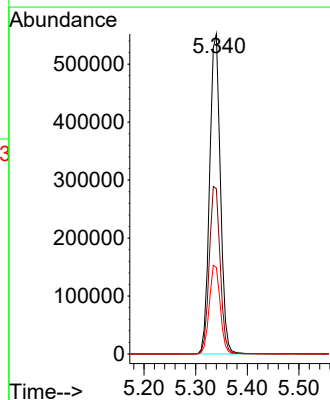
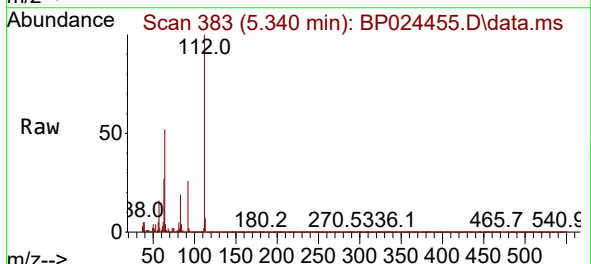
Instrument :
BNA_P
ClientSampleId :
VNJ-236

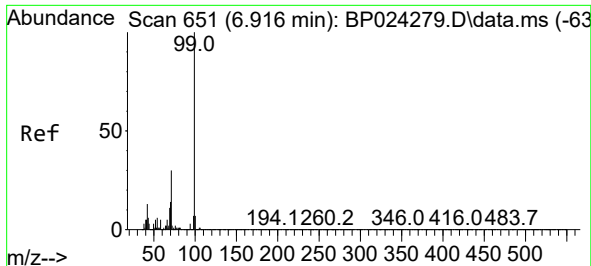
Tgt Ion:152 Resp: 140725
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 61.8 47.7 71.5



#5
2-Fluorophenol
Concen: 93.773 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

Tgt Ion:112 Resp: 798100
Ion Ratio Lower Upper
112 100
64 51.6 41.1 61.7
63 27.1 20.6 30.8

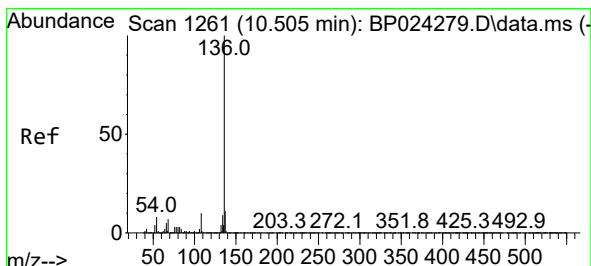
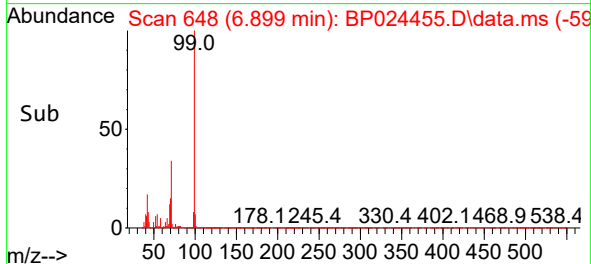
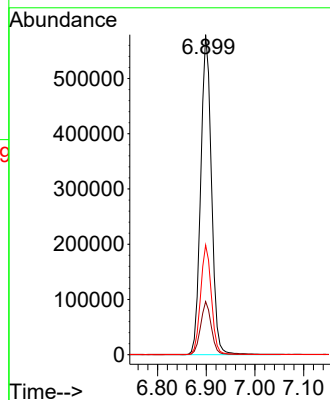
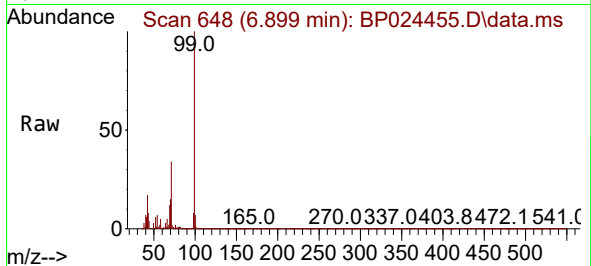




#7
Phenol-d6
Concen: 76.402 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

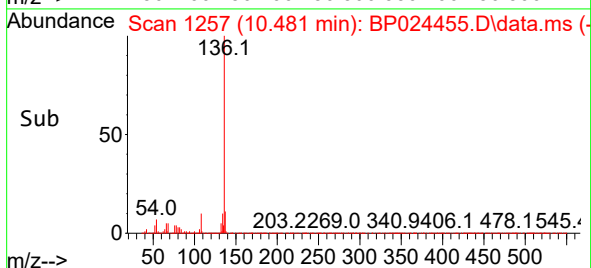
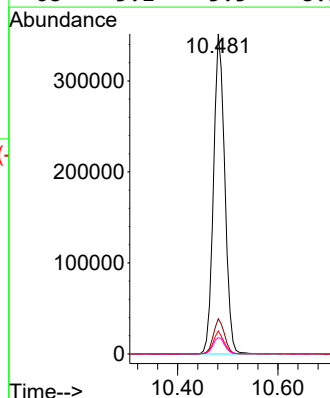
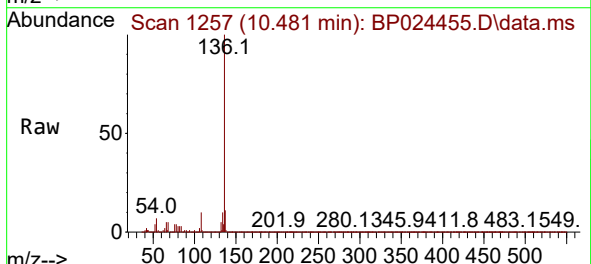
Instrument :
BNA_P
ClientSampleId :
VNJ-236

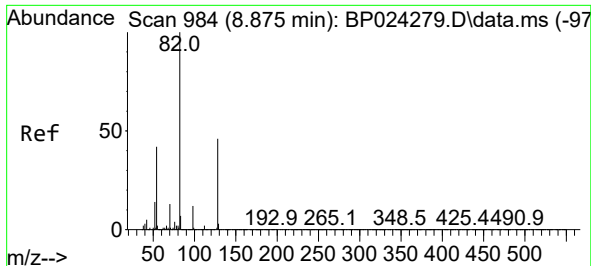
Tgt Ion: 99 Resp: 890376
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 34.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

Tgt Ion:136 Resp: 546653
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.2 6.0 9.0
68 5.1 5.5 8.3#

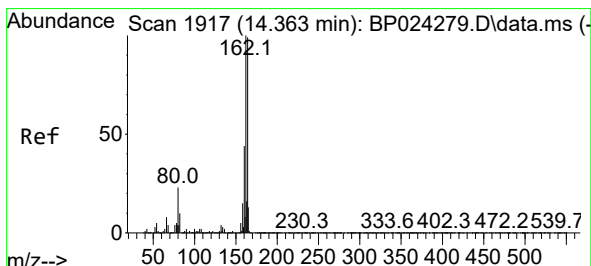
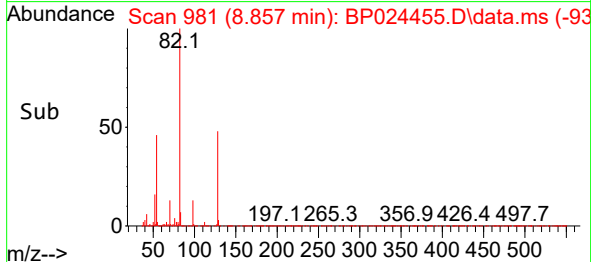
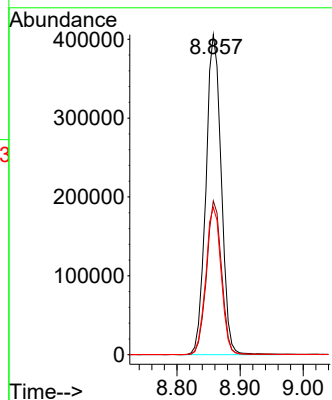
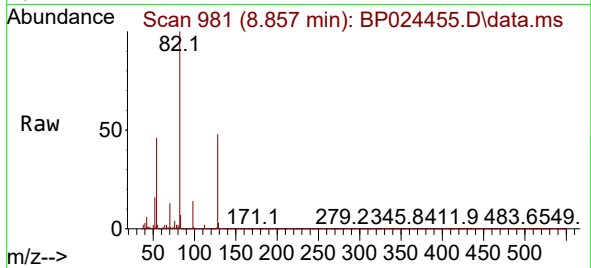




#23
Nitrobenzene-d5
Concen: 71.361 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

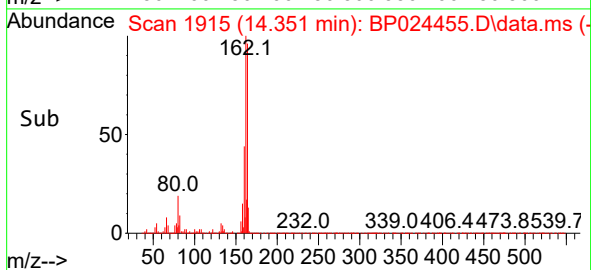
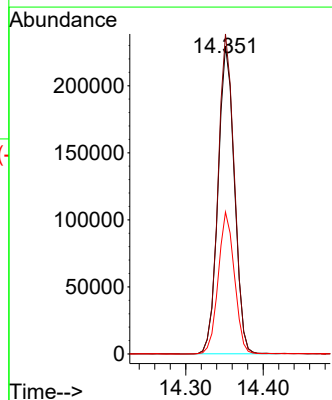
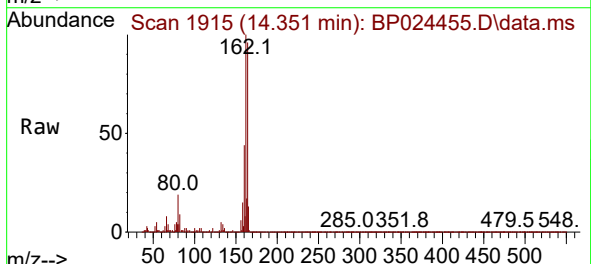
Instrument :
BNA_P
ClientSampleId :
VNJ-236

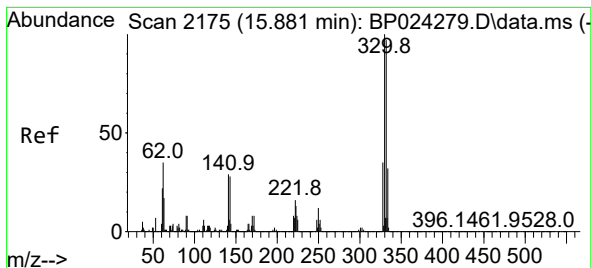
Tgt Ion: 82 Resp: 684127
Ion Ratio Lower Upper
82 100
128 48.0 36.5 54.7
54 46.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

Tgt Ion:164 Resp: 336539
Ion Ratio Lower Upper
164 100
162 103.9 80.6 120.8
160 46.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 150.505 ng

RT: 15.875 min Scan# 2174

Delta R.T. 0.012 min

Lab File: BP024455.D

Acq: 29 Apr 2025 11:55

Instrument :

BNA_P

ClientSampleId :

VNJ-236

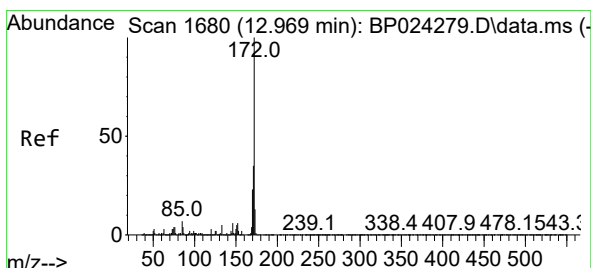
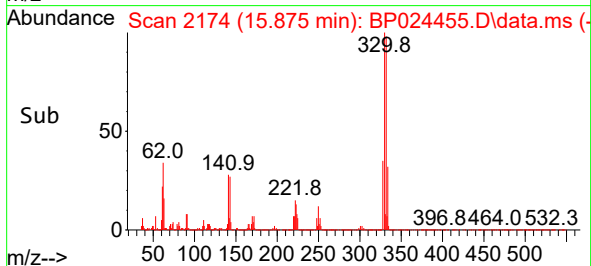
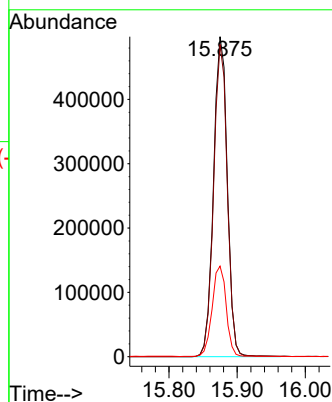
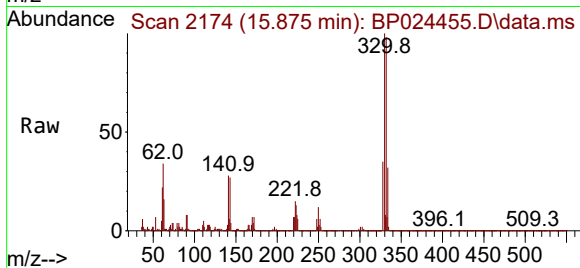
Tgt Ion:330 Resp: 700780

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 69.849 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024455.D

Acq: 29 Apr 2025 11:55

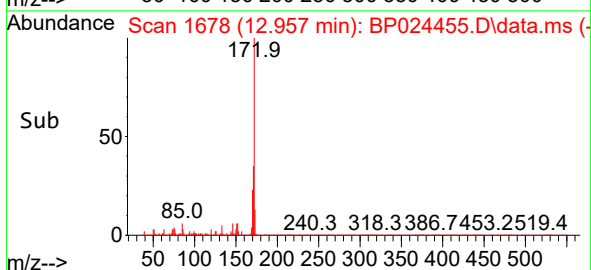
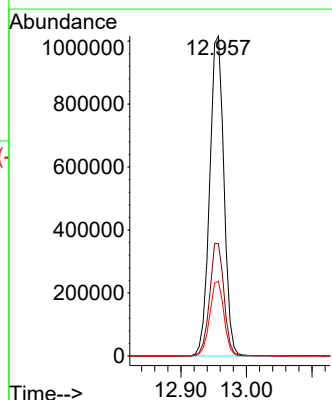
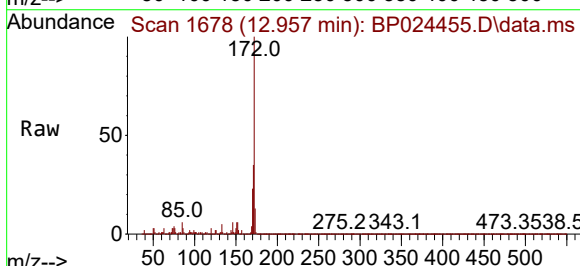
Tgt Ion:172 Resp: 1535284

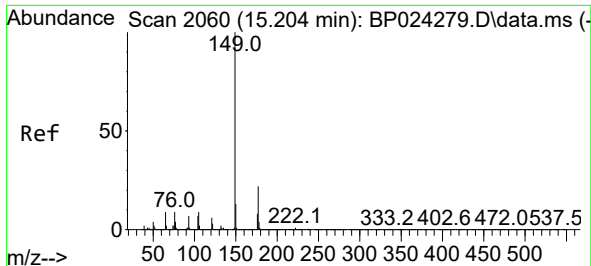
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.4 18.6 27.8

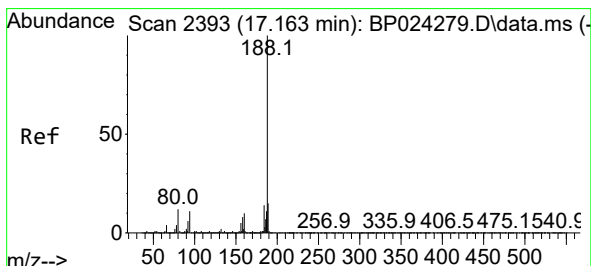
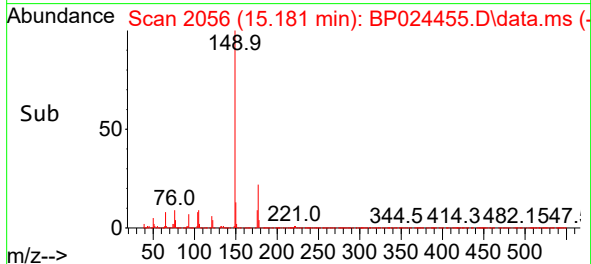
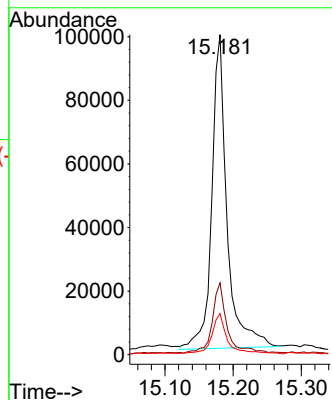
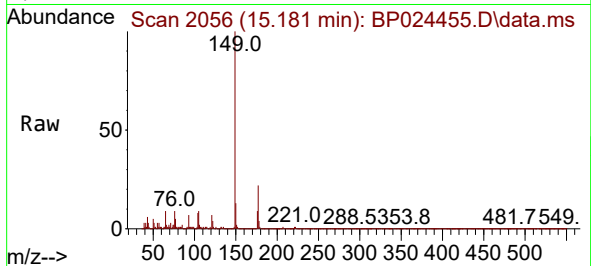




#60
Diethylphthalate
Concen: 6.084 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

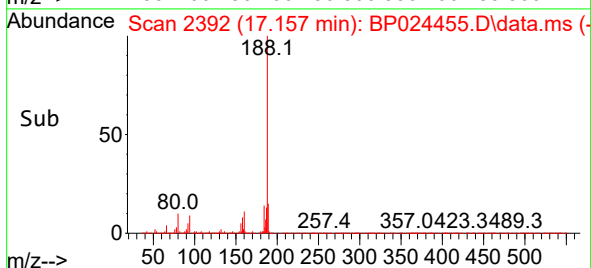
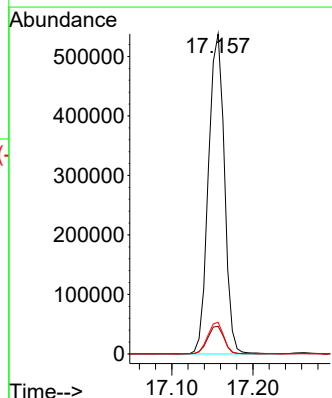
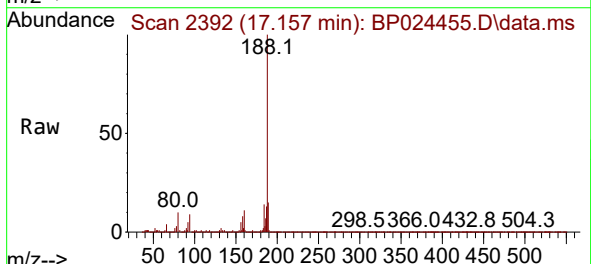
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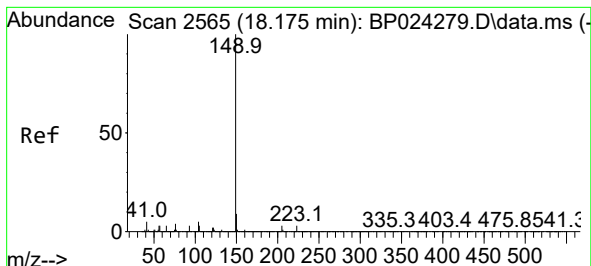
Tgt Ion:149 Resp: 153444
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.9 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024455.D
Acq: 29 Apr 2025 11:55

Tgt Ion:188 Resp: 734129
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 9.9 9.8 14.6





#74

Di-n-butylphthalate

Concen: 3.896 ng

RT: 18.169 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024455.D

Acq: 29 Apr 2025 11:55

Instrument :

BNA_P

ClientSampleId :

VNJ-236

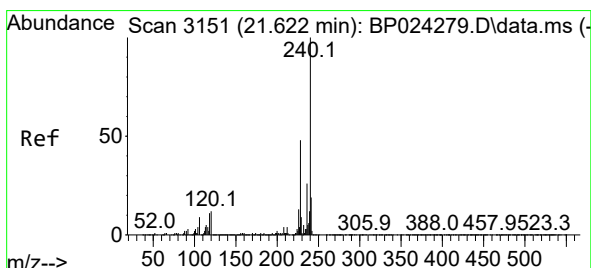
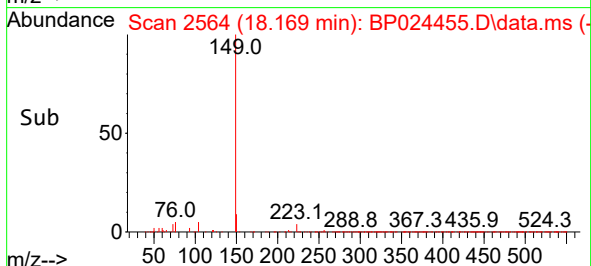
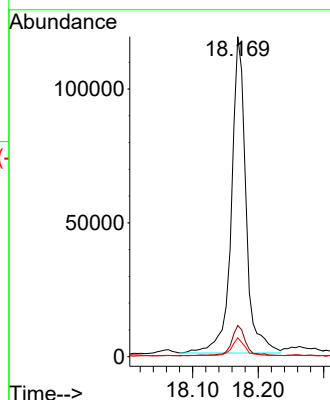
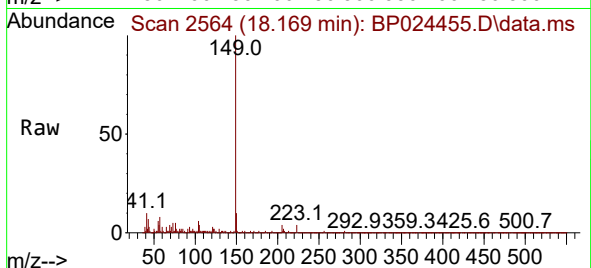
Tgt Ion:149 Resp: 183050

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

104 5.9 3.9 5.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP024455.D

Acq: 29 Apr 2025 11:55

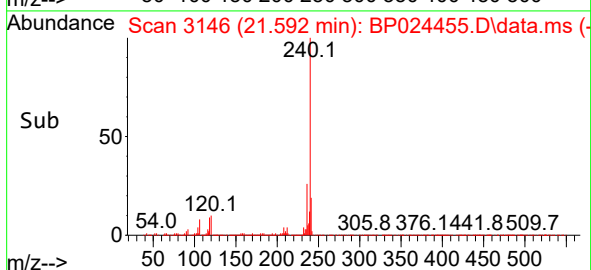
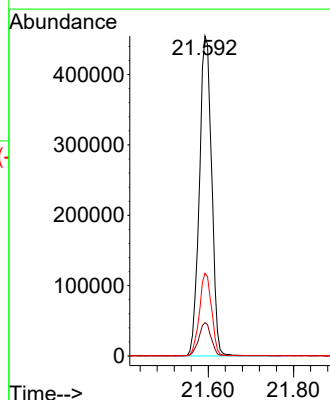
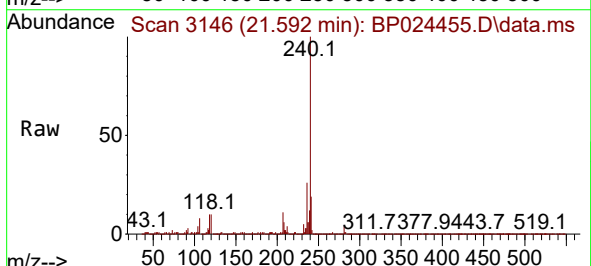
Tgt Ion:240 Resp: 908379

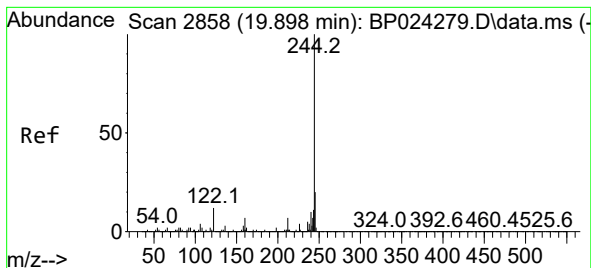
Ion Ratio Lower Upper

240 100

120 10.4 9.8 14.8

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 76.943 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024455.D

Acq: 29 Apr 2025 11:55

Instrument :

BNA_P

ClientSampleId :

VNJ-236

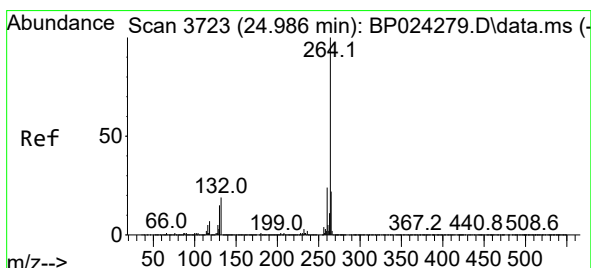
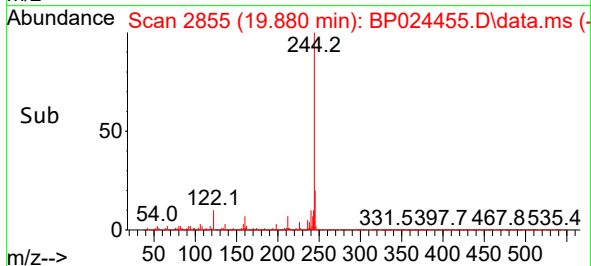
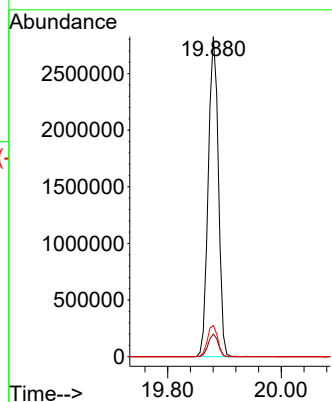
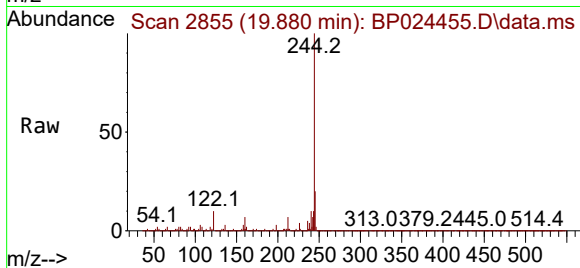
Tgt Ion:244 Resp: 3467541

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.8 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. 0.000 min

Lab File: BP024455.D

Acq: 29 Apr 2025 11:55

Tgt Ion:264 Resp: 1051206

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.5 17.8 26.6

