

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024835.D
 Acq On : 29 May 2025 19:08
 Operator : RC/JU
 Sample : Q2141-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-215

Quant Time: May 30 01:06:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

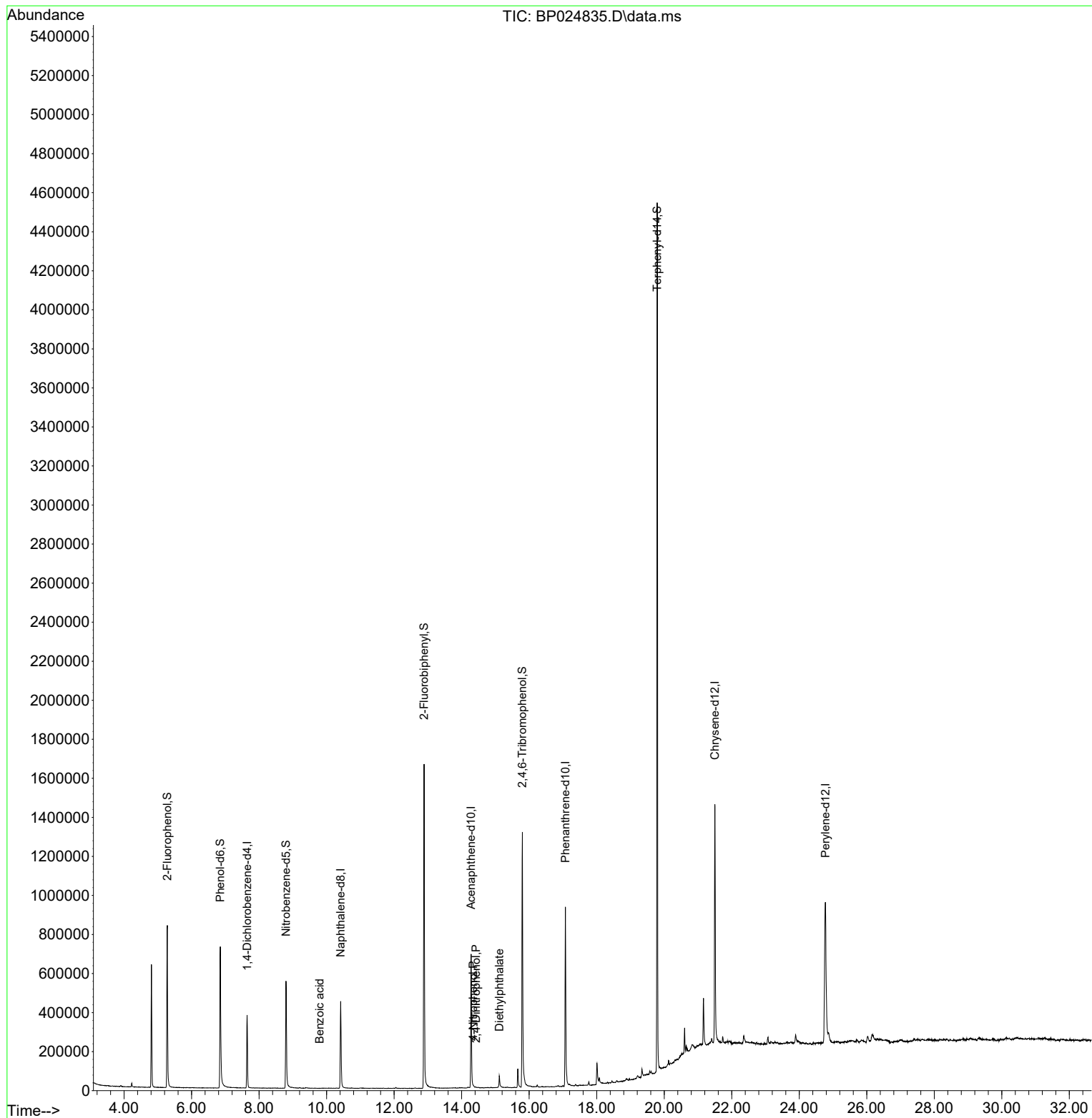
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	102893	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	411884	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	270386	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	602617	20.000	ng	0.01
76) Chrysene-d12	21.498	240	819069	20.000	ng	0.00
86) Perylene-d12	24.774	264	969752	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	409542	68.077	ng	0.00
7) Phenol-d6	6.852	99	525619	68.459	ng	0.00
23) Nitrobenzene-d5	8.799	82	350006	42.936	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	372550	81.275	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	948494	45.958	ng	0.00
79) Terphenyl-d14	19.792	244	2260053	47.313	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.793	122	18	7.472	ng	# 1
54) 2,4-Dinitrophenol	14.428	184	44	6.416	ng	# 1
56) 4-Nitrophenol	14.340	139	88	4.256	ng	90
60) Diethylphthalate	15.116	149	45004	2.161	ng	99

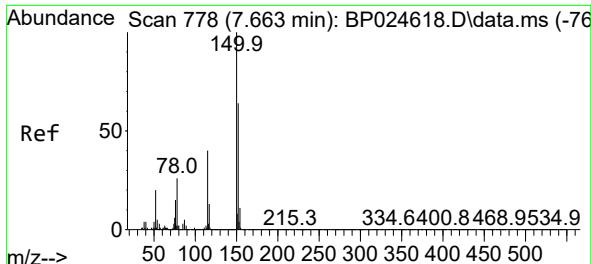
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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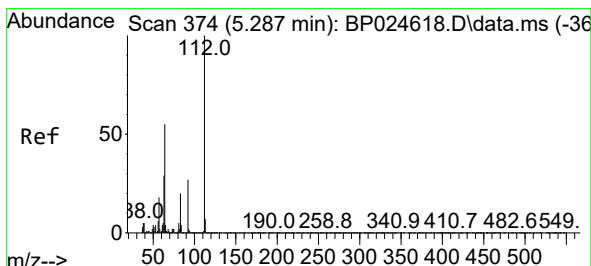
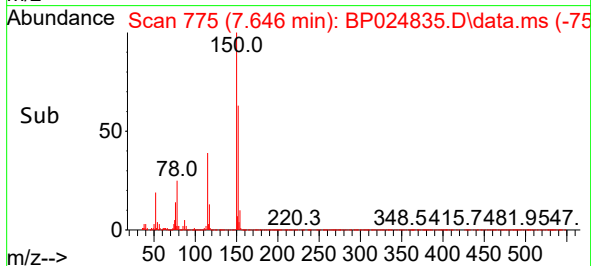
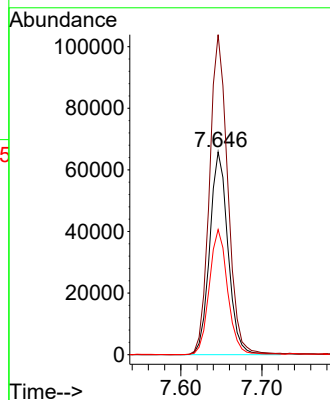
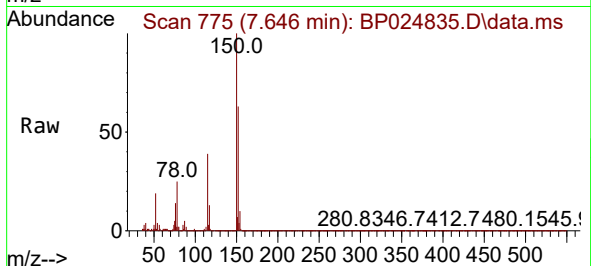




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

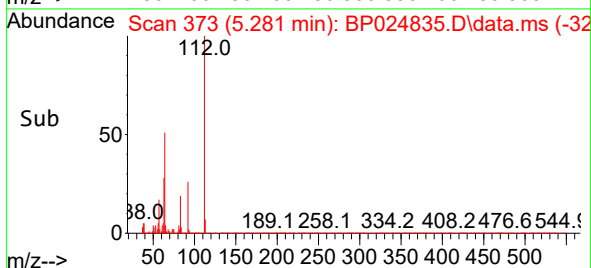
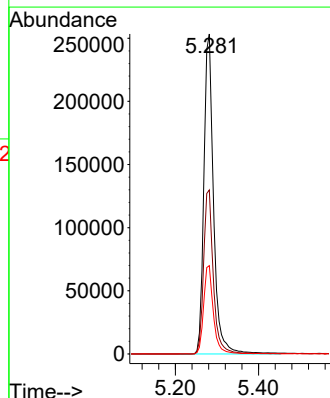
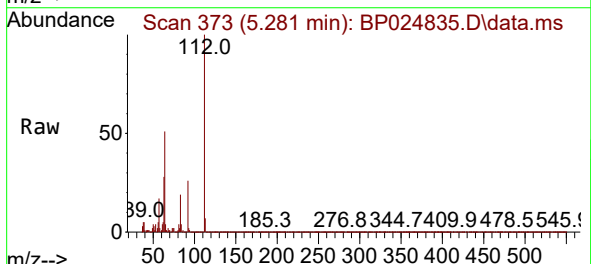
Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tgt Ion:152 Resp: 102893
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 61.8 50.1 75.1



#5
2-Fluorophenol
Concen: 68.077 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

Tgt Ion:112 Resp: 409542
Ion Ratio Lower Upper
112 100
64 51.2 44.1 66.1
63 27.6 23.5 35.3

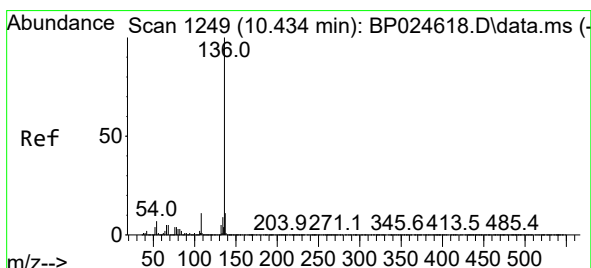
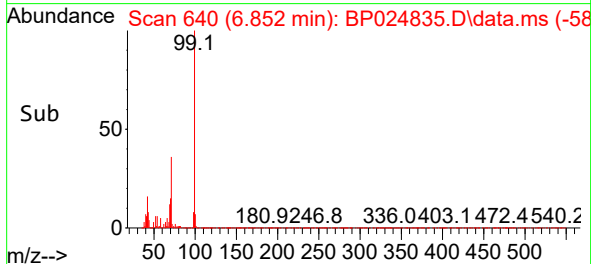
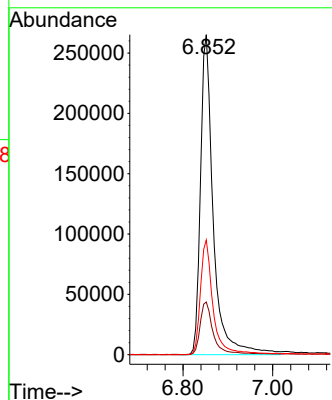
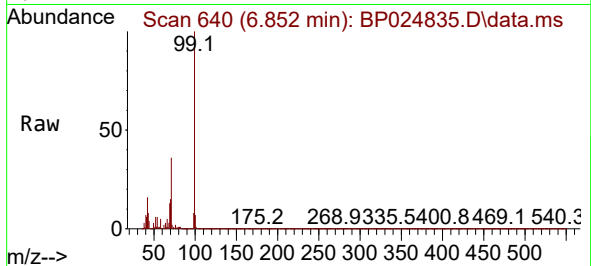




#7
Phenol-d6
Concen: 68.459 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

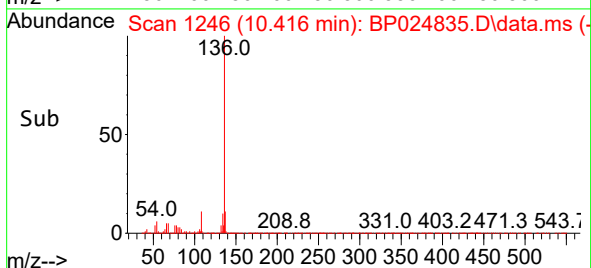
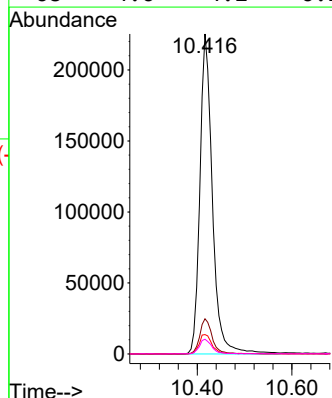
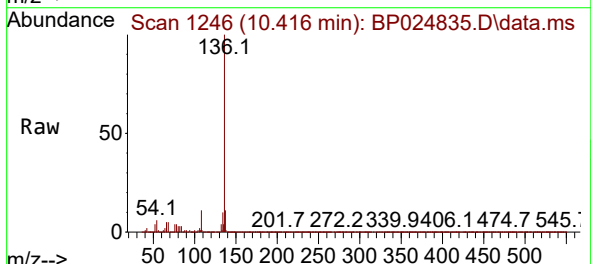
Instrument :
BNA_P
ClientSampleId :
VNJ-215

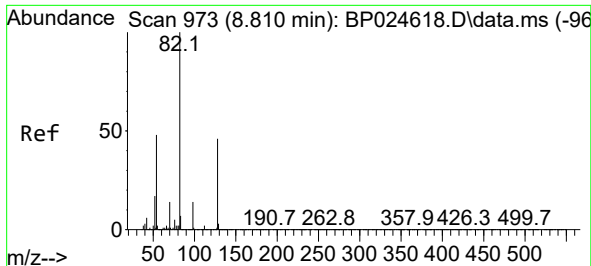
Tgt Ion: 99 Resp: 525619
Ion Ratio Lower Upper
99 100
42 16.5 14.4 21.6
71 35.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

Tgt Ion: 136 Resp: 411884
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.1 5.5 8.3
68 4.6 4.2 6.2

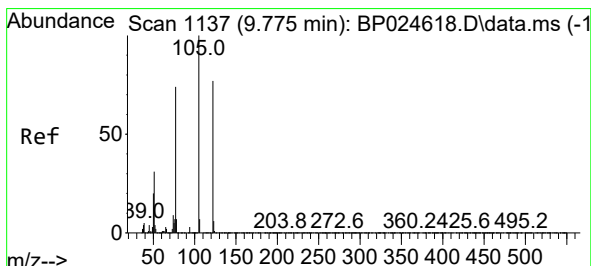
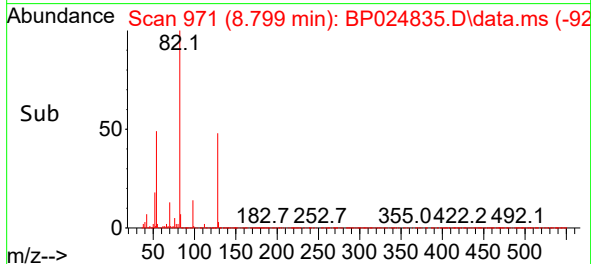
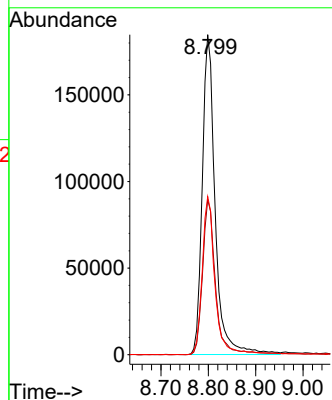
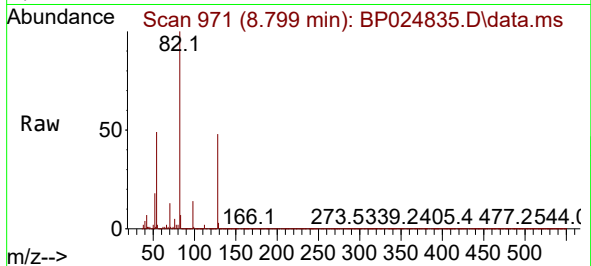




#23
Nitrobenzene-d5
Concen: 42.936 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

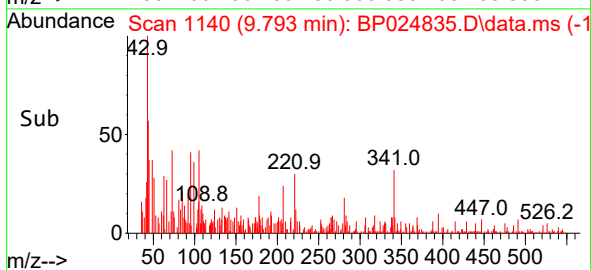
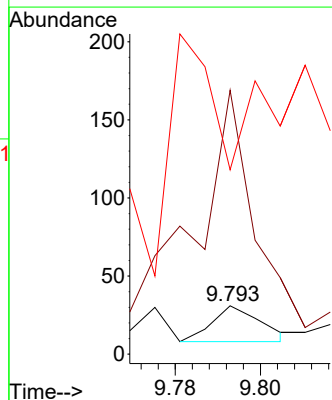
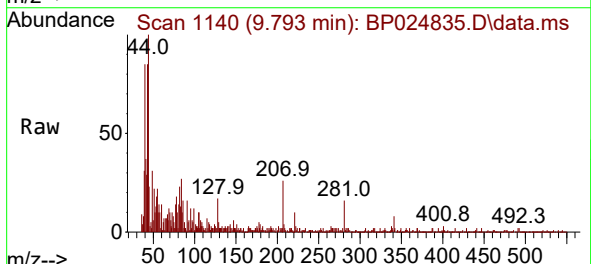
Instrument :
BNA_P
ClientSampleId :
VNJ-215

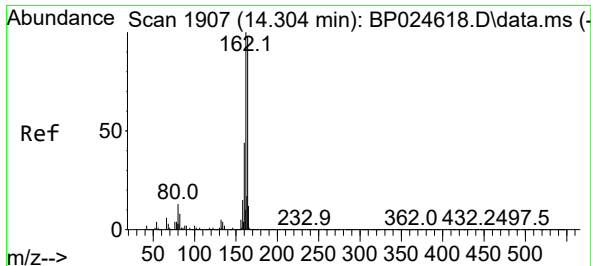
Tgt Ion: 82 Resp: 350006
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 49.4 38.7 58.1



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

Tgt Ion:122 Resp: 18
Ion Ratio Lower Upper
122 100
105 545.2 106.9 146.9#
77 380.6 75.1 115.1#

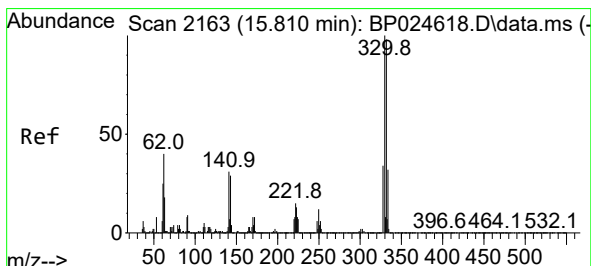
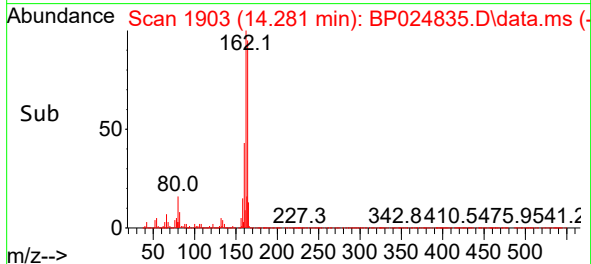
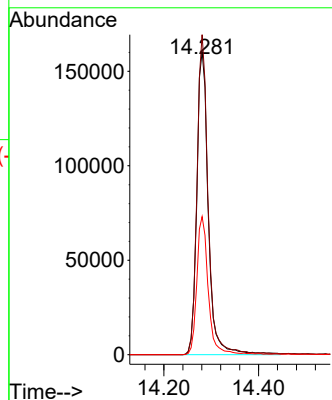
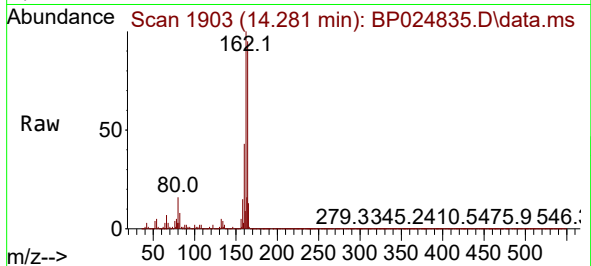




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

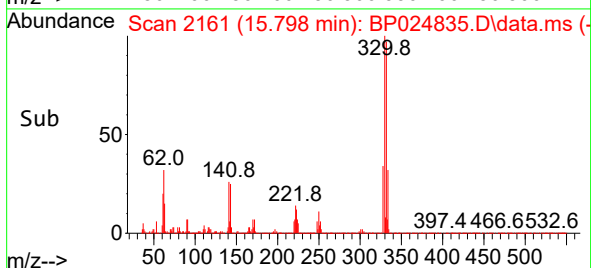
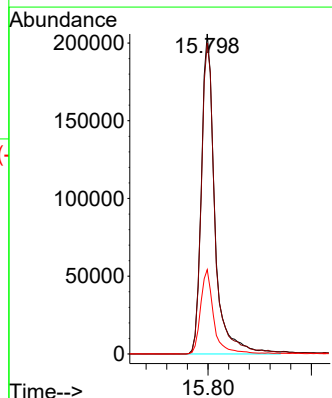
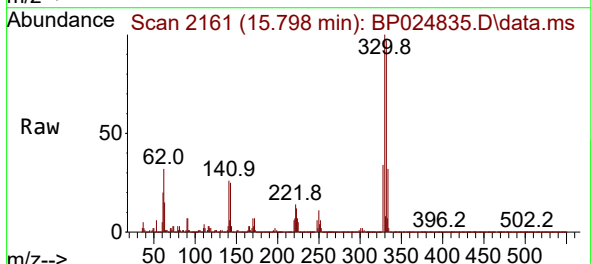
Instrument :
BNA_P
ClientSampleId :
VNJ-215

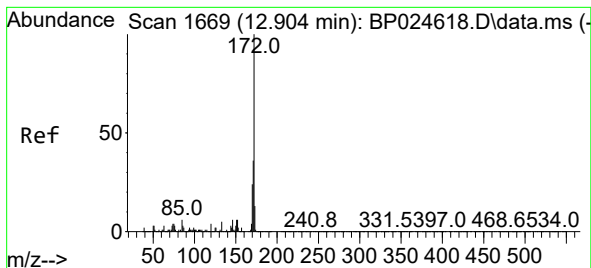
Tgt Ion:164 Resp: 270386
Ion Ratio Lower Upper
164 100
162 105.5 81.8 122.6
160 45.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 81.275 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

Tgt Ion:330 Resp: 372550
Ion Ratio Lower Upper
330 100
332 98.7 78.2 117.4
141 25.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 45.958 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024835.D

Acq: 29 May 2025 19:08

Instrument :

BNA_P

ClientSampleId :

VNJ-215

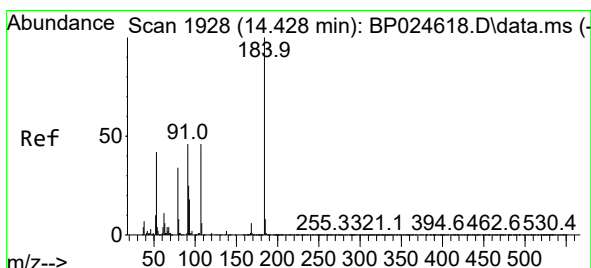
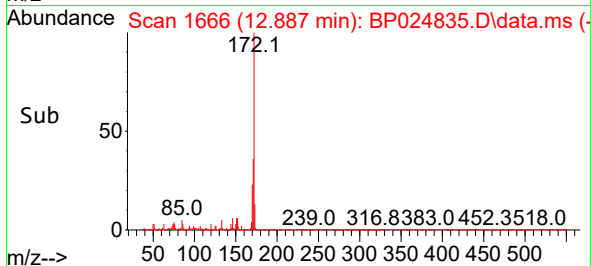
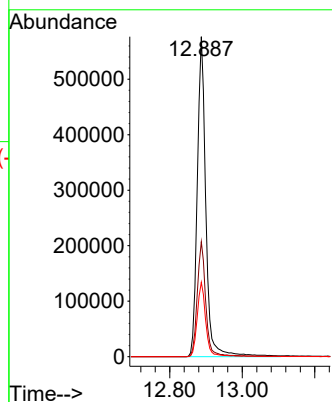
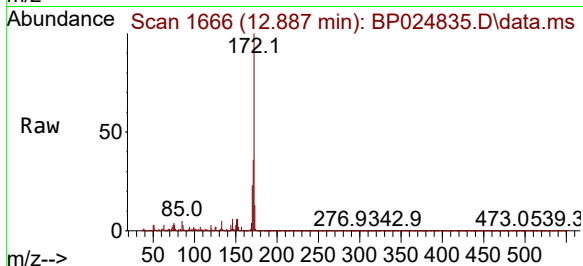
Tgt Ion:172 Resp: 948494

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.3 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.416 ng

RT: 14.428 min Scan# 1928

Delta R.T. 0.012 min

Lab File: BP024835.D

Acq: 29 May 2025 19:08

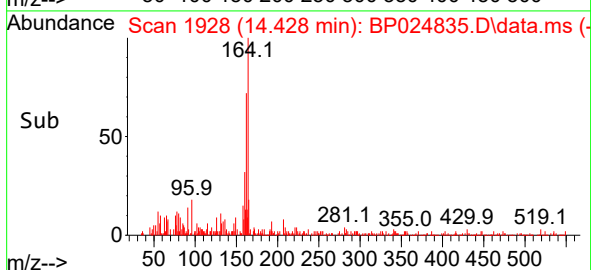
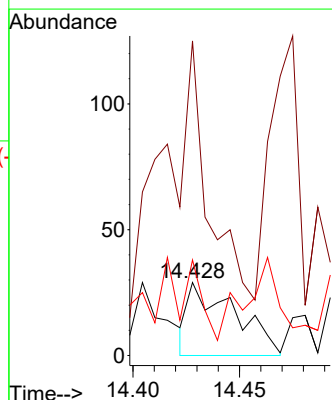
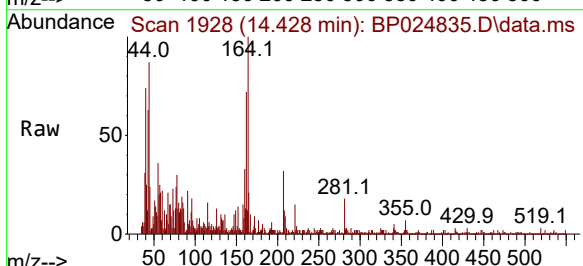
Tgt Ion:184 Resp: 44

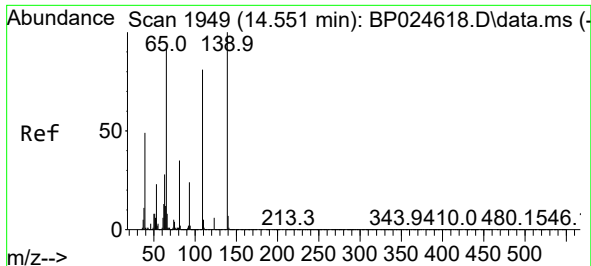
Ion Ratio Lower Upper

184 100

63 431.0 51.3 76.9#

154 131.0 53.5 80.3#

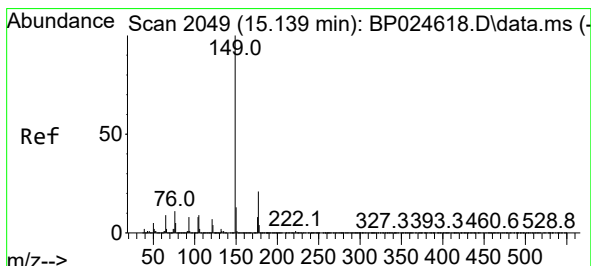
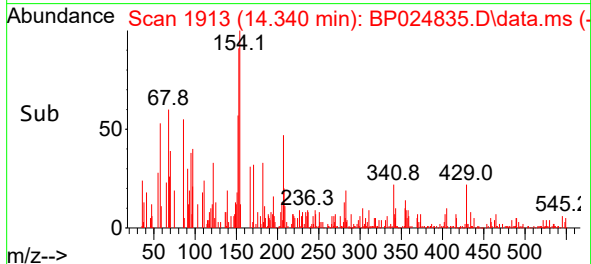
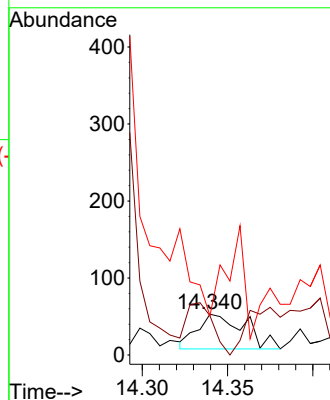
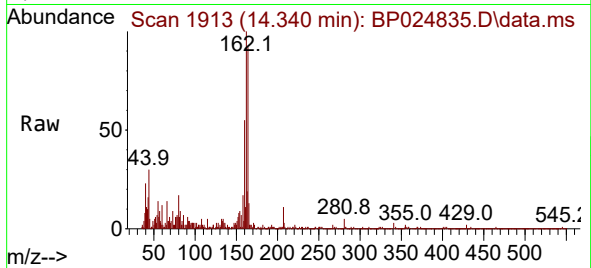




#56
4-Nitrophenol
Concen: 4.256 ng
RT: 14.340 min Scan# 1949
Delta R.T. -0.217 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

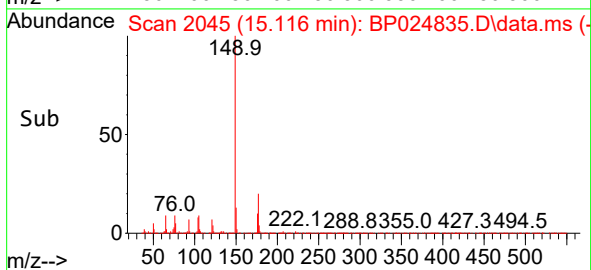
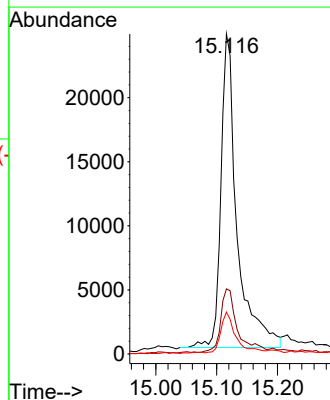
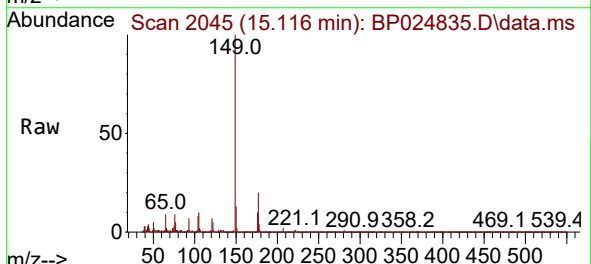
Instrument :
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VNJ-215

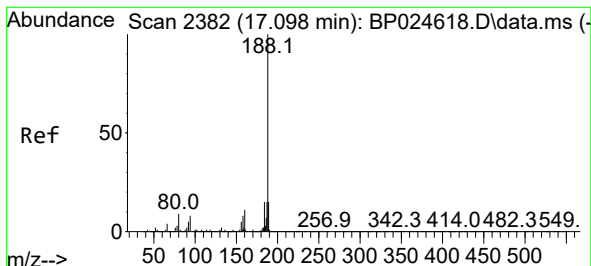
Tgt Ion:139 Resp: 88
Ion Ratio Lower Upper
139 100
109 96.2 61.4 101.4
65 96.2 72.2 112.2



#60
Diethylphthalate
Concen: 2.161 ng
RT: 15.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

Tgt Ion:149 Resp: 45004
Ion Ratio Lower Upper
149 100
177 20.3 16.7 25.1
150 13.1 10.2 15.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.075 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024835.D

Acq: 29 May 2025 19:08

Instrument :

BNA_P

ClientSampleId :

VNJ-215

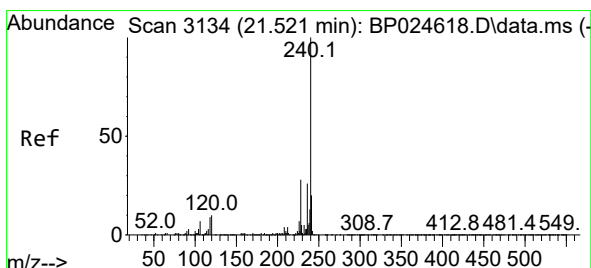
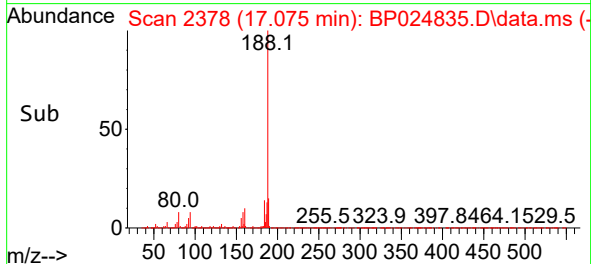
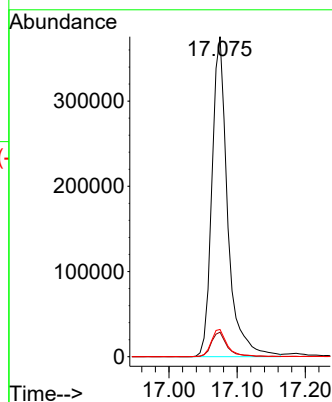
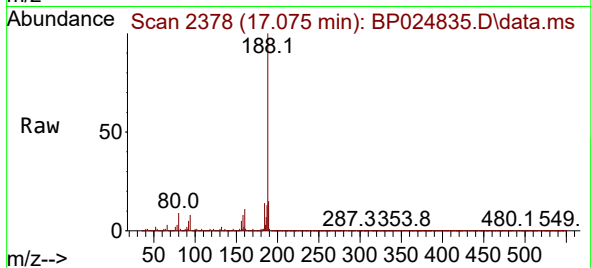
Tgt Ion:188 Resp: 602617

Ion Ratio Lower Upper

188 100

94 7.7 6.5 9.7

80 8.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP024835.D

Acq: 29 May 2025 19:08

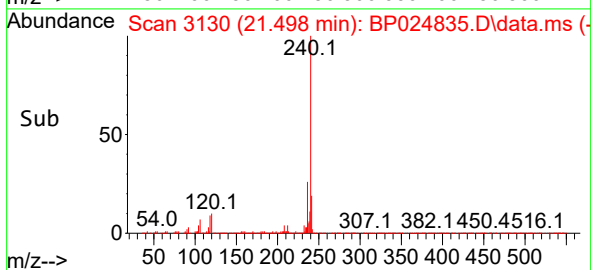
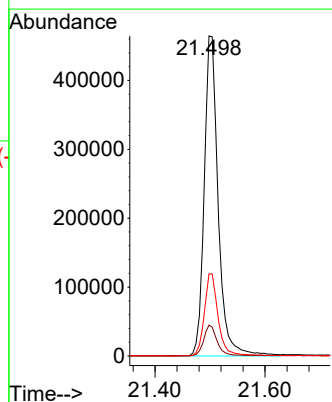
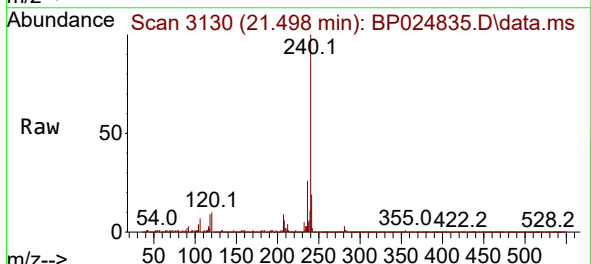
Tgt Ion:240 Resp: 819069

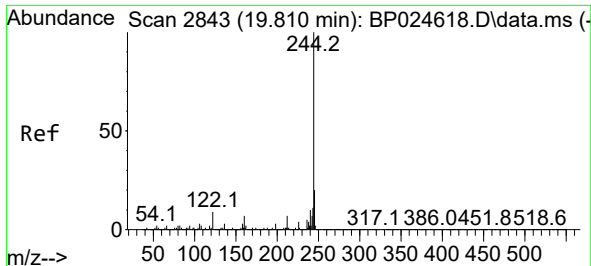
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.7 20.6 31.0

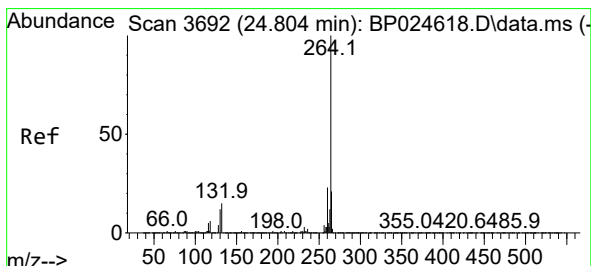
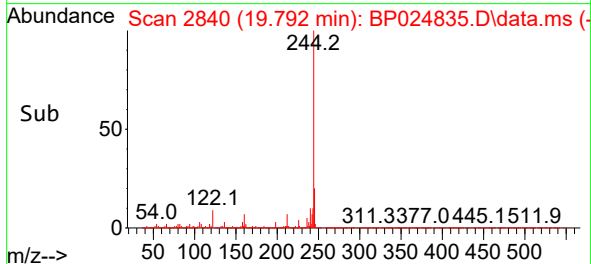
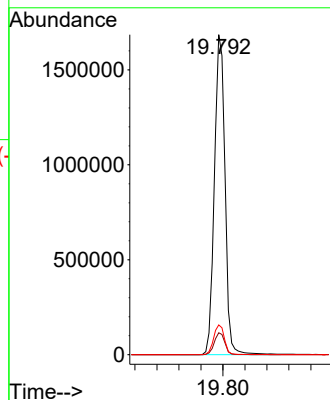
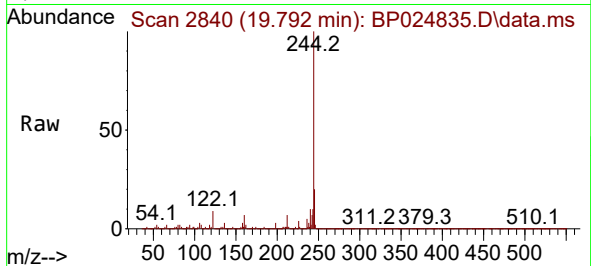




#79
Terphenyl-d14
Concen: 47.313 ng
RT: 19.792 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

Instrument :
BNA_P
ClientSampleId :
VNJ-215

Tgt Ion:244 Resp: 2260053
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.3 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.774 min Scan# 3687
Delta R.T. 0.030 min
Lab File: BP024835.D
Acq: 29 May 2025 19:08

Tgt Ion:264 Resp: 969752
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.0 17.0 25.6

