

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026104.D
 Acq On : 12 Nov 2025 00:25
 Operator : RC/JU
 Sample : Q3581-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-240

Quant Time: Nov 12 01:50:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

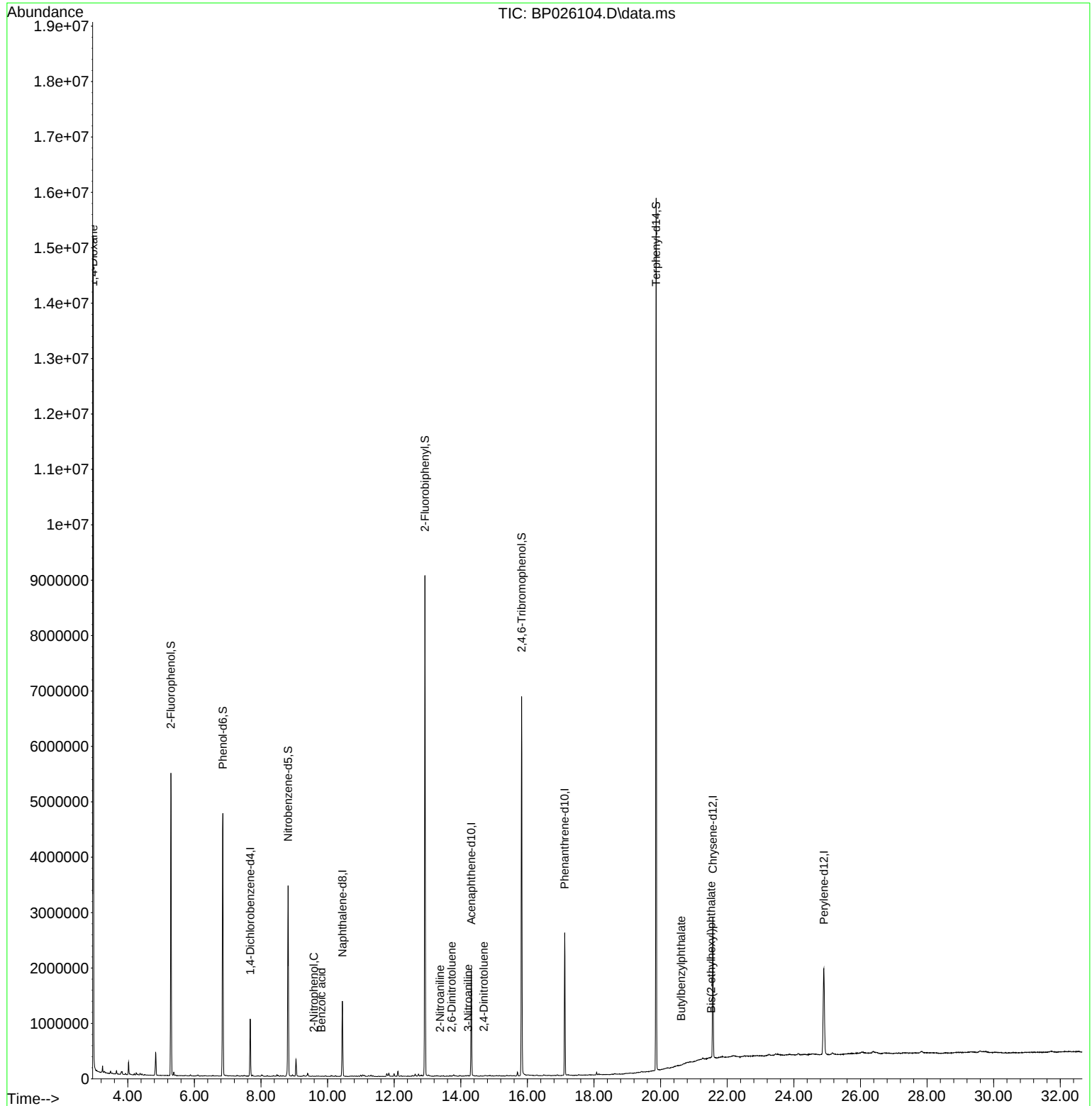
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	292438	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1125208	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	710042	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1447525	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1582218	20.000	ng	0.00
86) Perylene-d12	24.901	264	1614753	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2439113	137.628	ng	0.00
7) Phenol-d6	6.855	99	2807233	124.449	ng	0.00
23) Nitrobenzene-d5	8.813	82	1861724	103.145	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	1342898	174.942	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4518242	91.436	ng	0.00
79) Terphenyl-d14	19.866	244	7329945	94.122	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.961	88	91922	12.303	ng	# 1
26) 2-Nitrophenol	9.584	139	99	2.691	ng	# 1
32) Benzoic acid	9.813	122	96	3.128	ng	# 1
48) 2-Nitroaniline	13.372	65	90	2.917	ng	# 31
51) 2,6-Dinitrotoluene	13.725	165	161	3.006	ng	93
53) 3-Nitroaniline	14.219	138	230	2.656	ng	# 63
57) 2,4-Dinitrotoluene	14.690	165	141	3.096	ng	# 64
80) Butylbenzylphthalate	20.619	149	1118	3.423	ng	88
84) Bis(2-ethylhexyl)phtha...	21.519	149	7516	2.709	ng	# 91

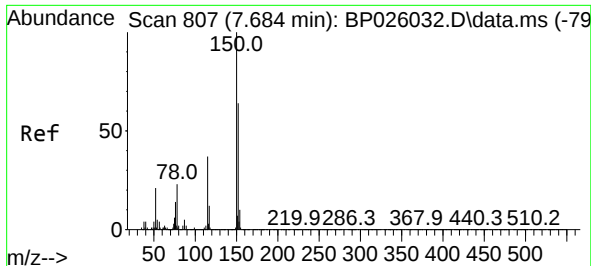
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026104.D
Acq On : 12 Nov 2025 00:25
Operator : RC/JU
Sample : Q3581-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Quant Time: Nov 12 01:50:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

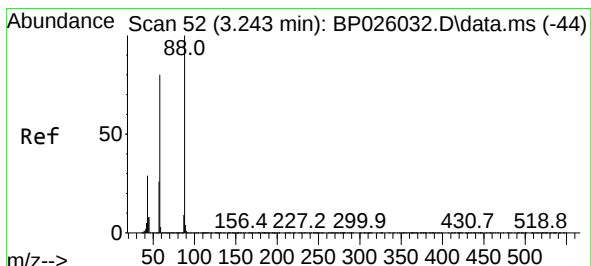
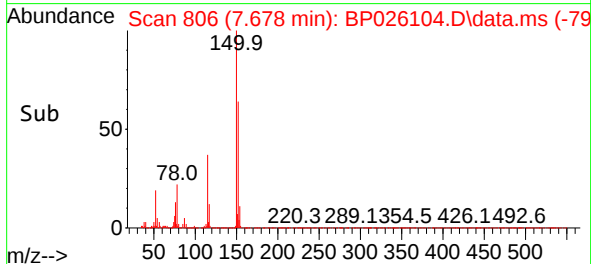
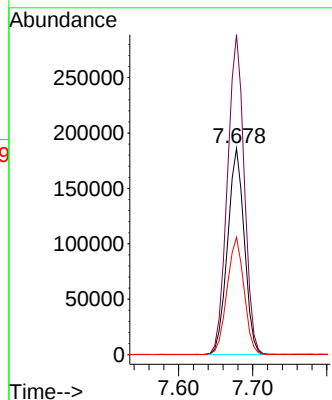
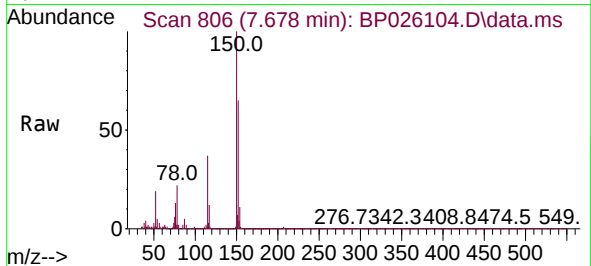




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026104.D
 Acq: 12 Nov 2025 00:25

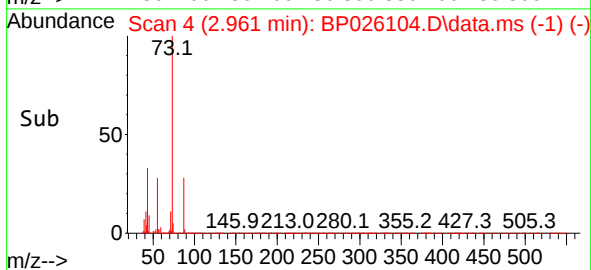
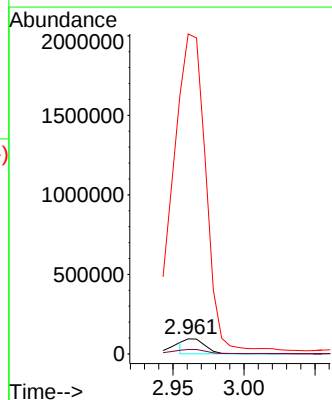
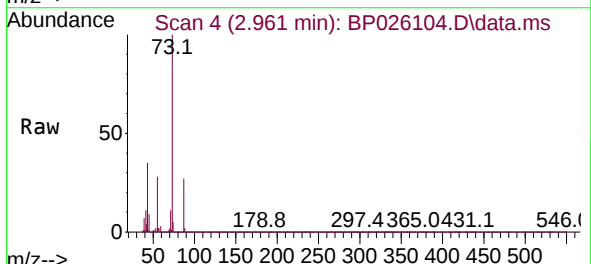
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-240

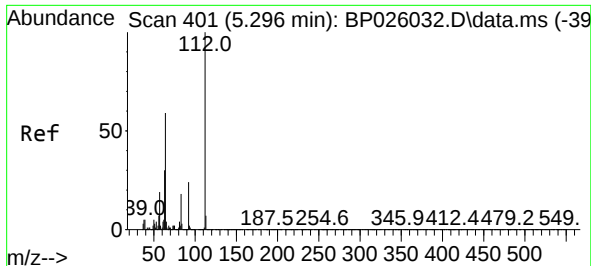
Tgt Ion:152 Resp: 292438
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.7 188.5
 115 56.9 46.4 69.6



#2
 1,4-Dioxane
 Concen: 12.303 ng
 RT: 2.961 min Scan# 4
 Delta R.T. -0.276 min
 Lab File: BP026104.D
 Acq: 12 Nov 2025 00:25

Tgt Ion: 88 Resp: 91922
 Ion Ratio Lower Upper
 88 100
 58 27.8 65.4 98.0#
 43 2215.7 23.1 34.7#

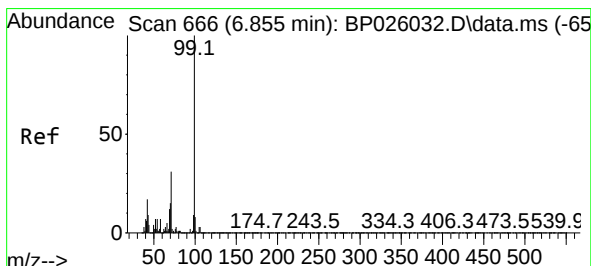
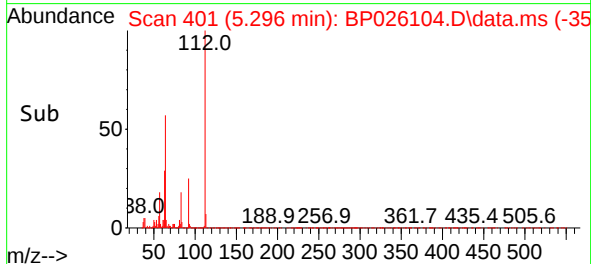
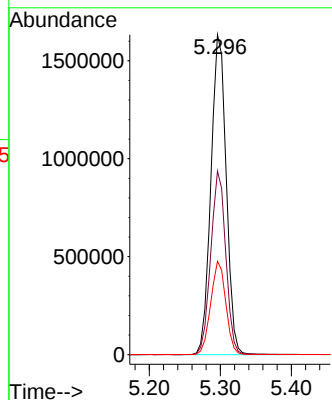
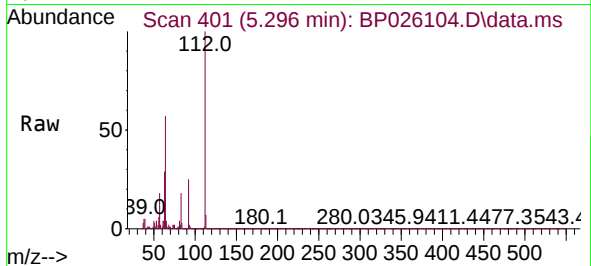




#5
2-Fluorophenol
Concen: 137.628 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

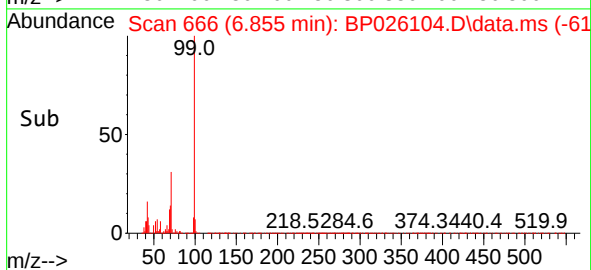
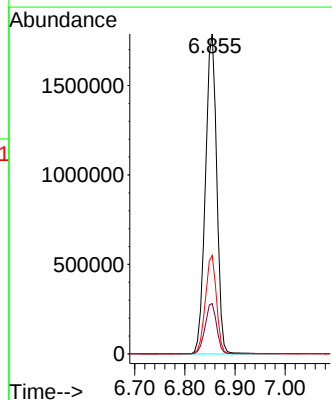
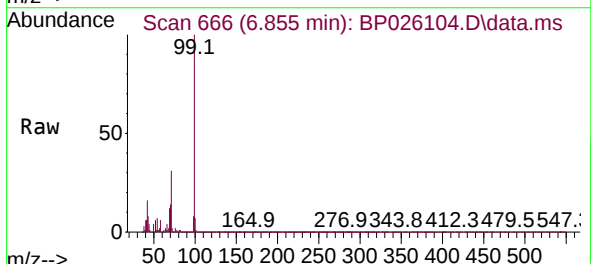
Instrument :
BNA_P
ClientSampleId :
VNJ-240

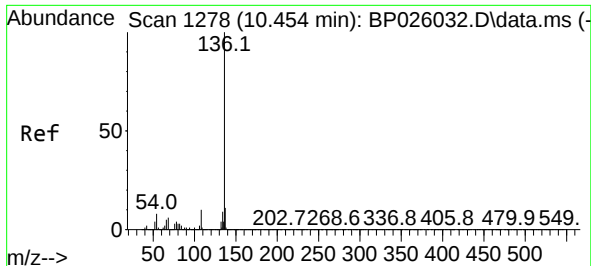
Tgt Ion:112 Resp: 2439113
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 29.2 24.2 36.4



#7
Phenol-d6
Concen: 124.449 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Tgt Ion: 99 Resp: 2807233
Ion Ratio Lower Upper
99 100
42 15.7 13.7 20.5
71 30.8 24.4 36.6



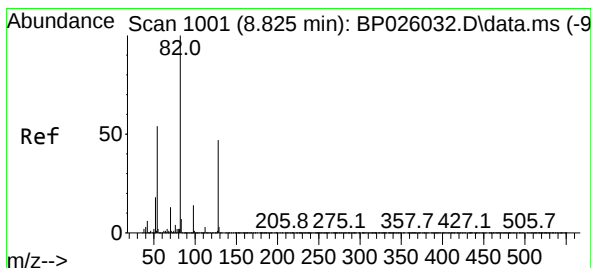
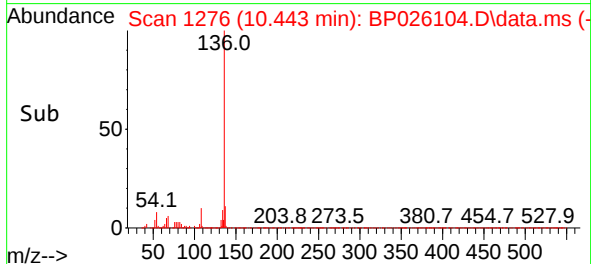
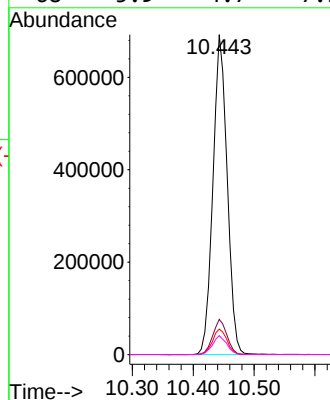
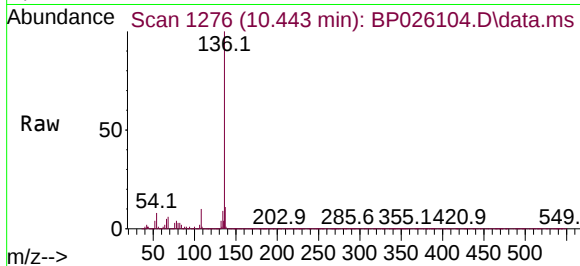


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:136 Resp: 1125208

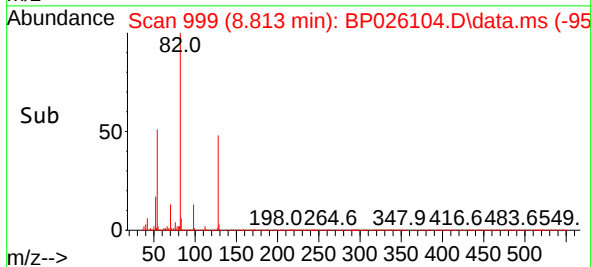
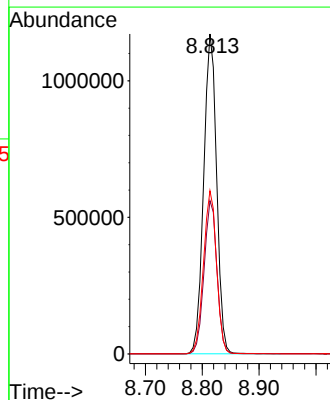
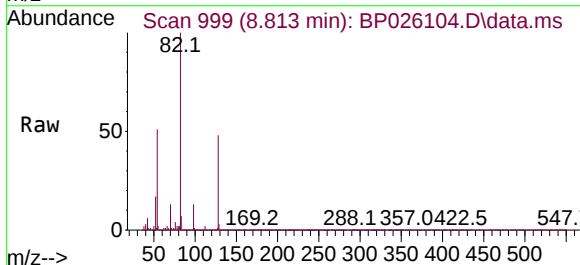
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	6.6	10.0
68	5.9	4.7	7.1

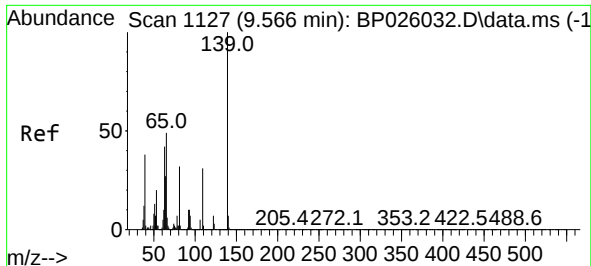


#23
Nitrobenzene-d5
Concen: 103.145 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Tgt Ion: 82 Resp: 1861724

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.0
54	51.0	42.7	64.1

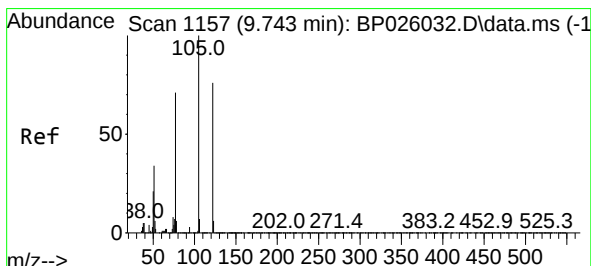
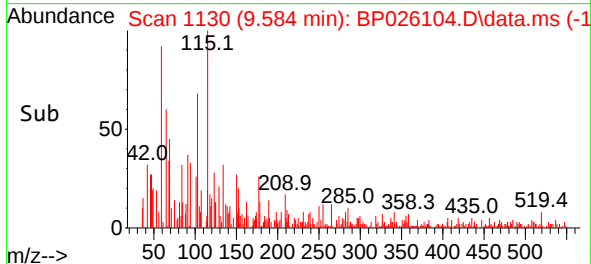
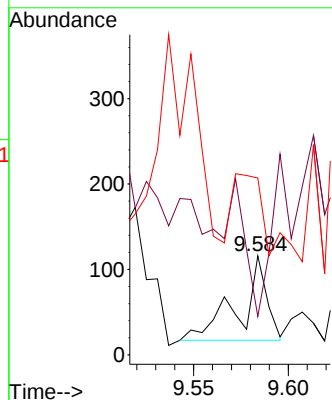
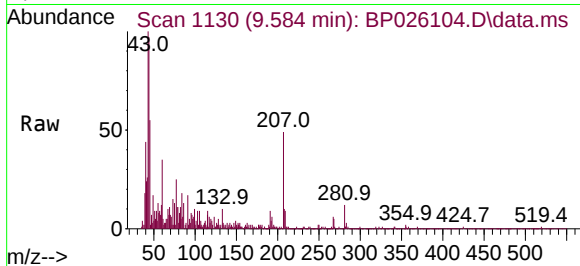




#26
2-Nitrophenol
Concen: 2.691 ng
RT: 9.584 min Scan# 1127
Delta R.T. 0.018 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

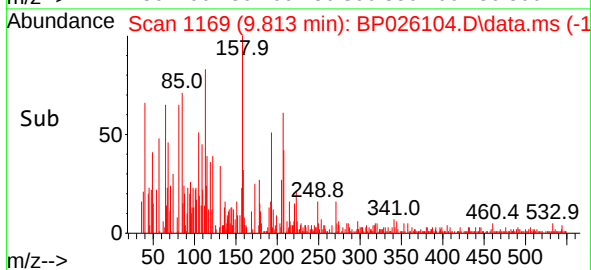
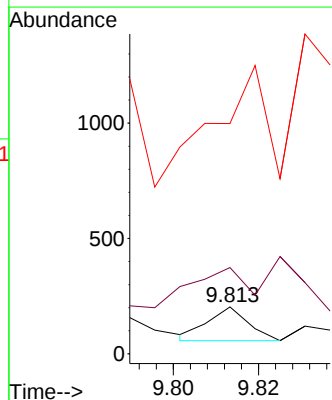
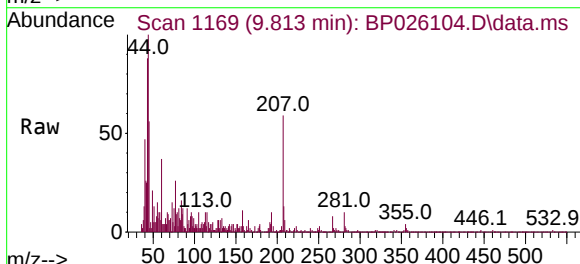
Instrument :
BNA_P
ClientSampleId :
VNJ-240

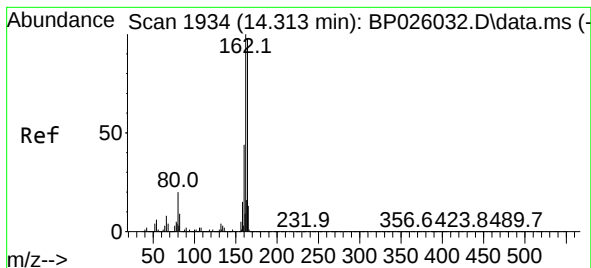
Tgt Ion:139 Resp: 99
Ion Ratio Lower Upper
139 100
109 38.8 24.8 37.2#
65 178.4 39.0 58.4#



#32
Benzoic acid
Concen: 3.128 ng
RT: 9.813 min Scan# 1169
Delta R.T. 0.035 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Tgt Ion:122 Resp: 96
Ion Ratio Lower Upper
122 100
105 184.2 104.8 144.8#
77 491.6 70.9 110.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026104.D

Acq: 12 Nov 2025 00:25

Instrument :

BNA_P

ClientSampleId :

VNJ-240

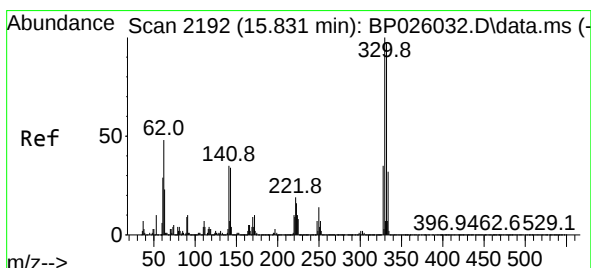
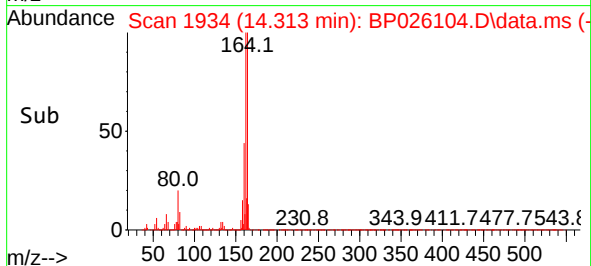
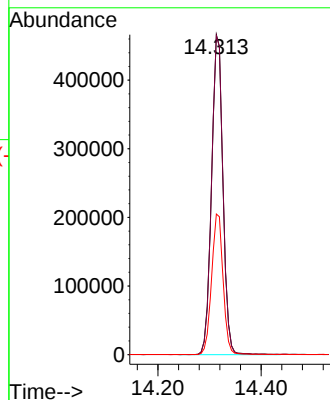
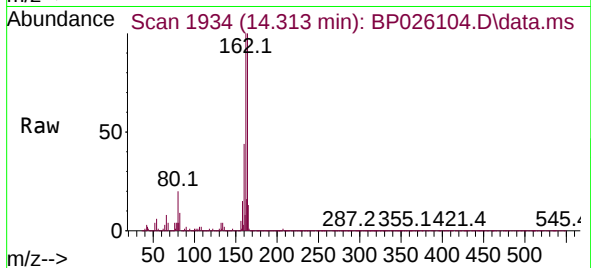
Tgt Ion:164 Resp: 710042

Ion Ratio Lower Upper

164 100

162 99.8 81.5 122.3

160 43.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 174.942 ng

RT: 15.825 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BP026104.D

Acq: 12 Nov 2025 00:25

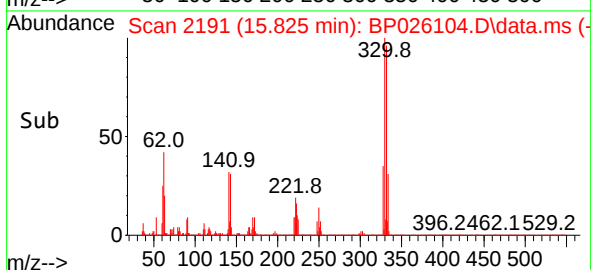
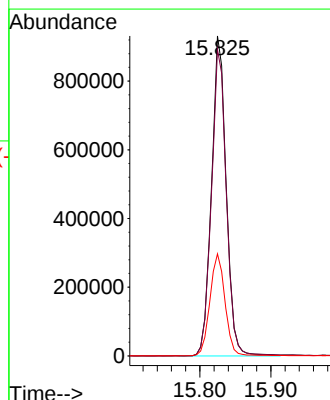
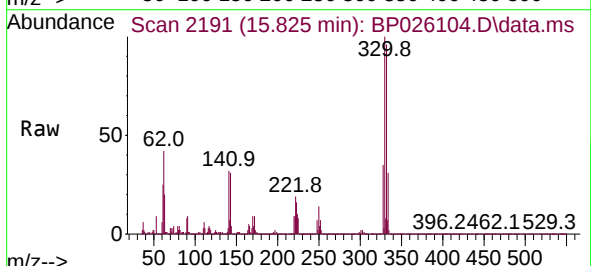
Tgt Ion:330 Resp: 1342898

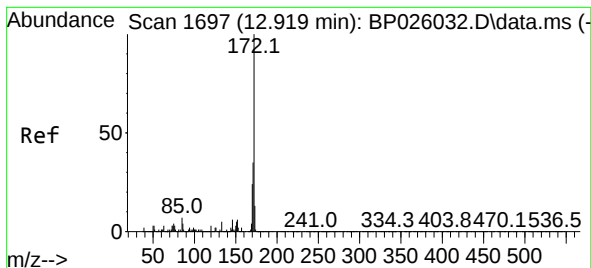
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 32.9 28.6 42.8





#45

2-Fluorobiphenyl

Concen: 91.436 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026104.D

Acq: 12 Nov 2025 00:25

Instrument :

BNA_P

ClientSampleId :

VNJ-240

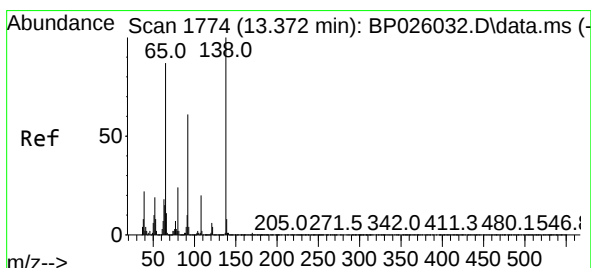
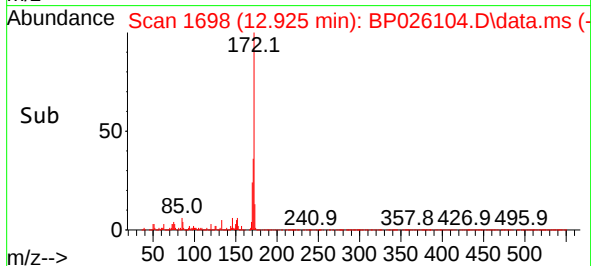
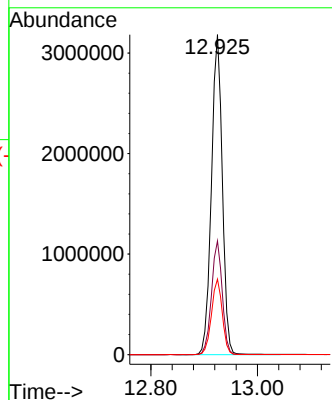
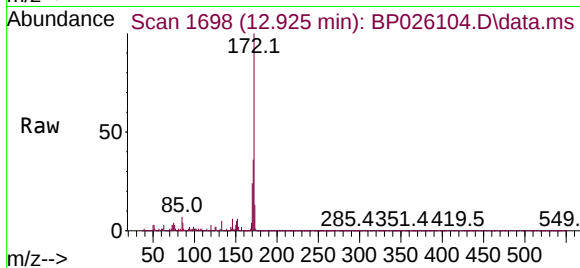
Tgt Ion:172 Resp: 4518242

Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.6 19.0 28.4



#48

2-Nitroaniline

Concen: 2.917 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026104.D

Acq: 12 Nov 2025 00:25

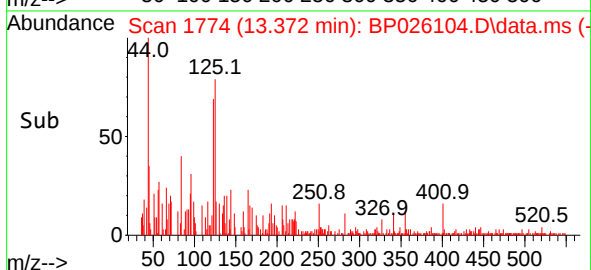
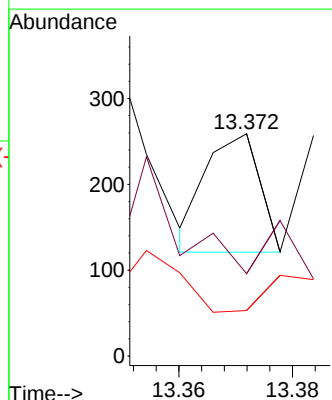
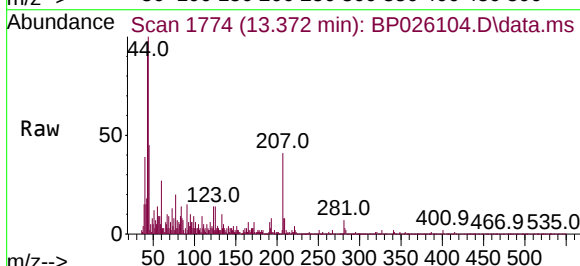
Tgt Ion: 65 Resp: 90

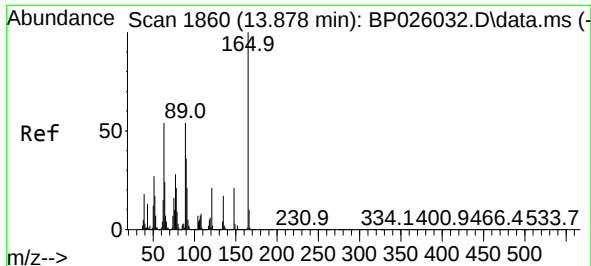
Ion Ratio Lower Upper

65 100

92 37.1 55.5 83.3#

138 20.5 91.7 137.5#

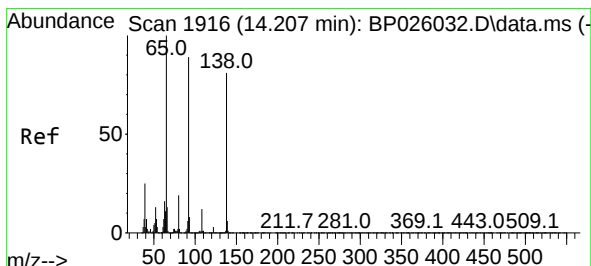
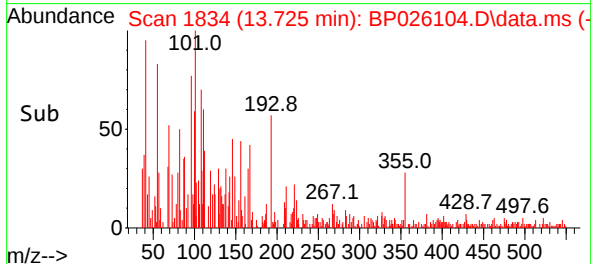
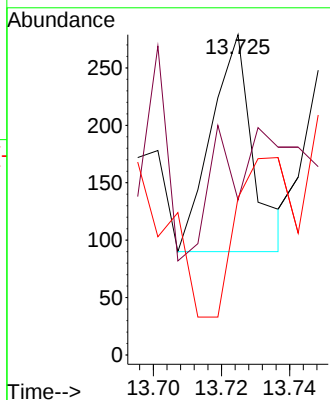
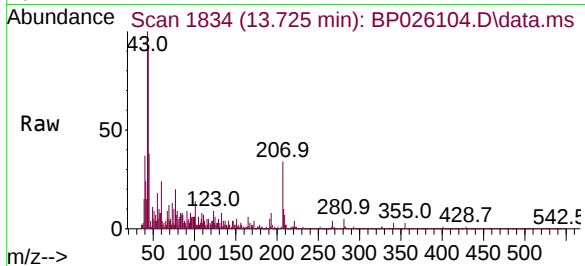




#51
2,6-Dinitrotoluene
Concen: 3.006 ng
RT: 13.725 min Scan# 1860
Delta R.T. -0.153 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

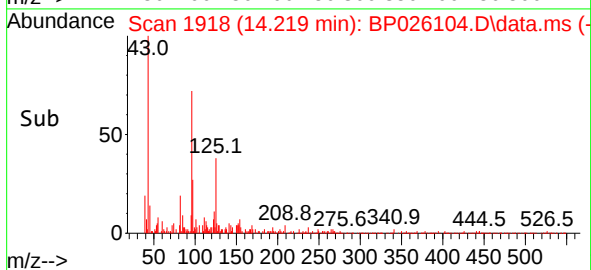
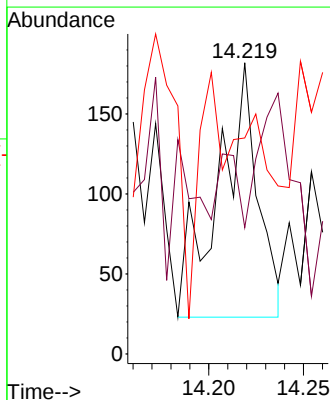
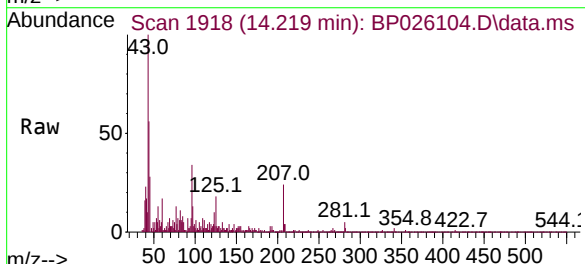
Instrument :
BNA_P
ClientSampleId :
VNJ-240

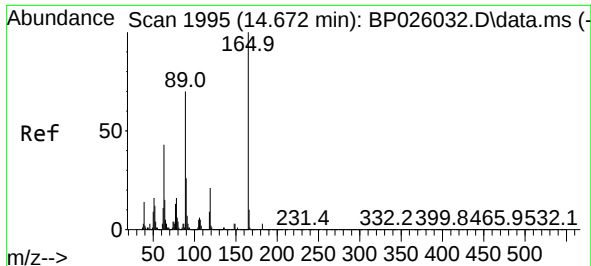
Tgt Ion:165 Resp: 161
Ion Ratio Lower Upper
165 100
63 48.4 43.0 64.4
89 49.1 43.0 64.4



#53
3-Nitroaniline
Concen: 2.656 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.012 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Tgt Ion:138 Resp: 230
Ion Ratio Lower Upper
138 100
108 43.4 11.4 17.0#
92 74.2 87.1 130.7#

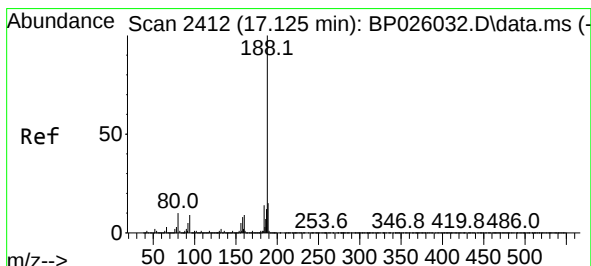
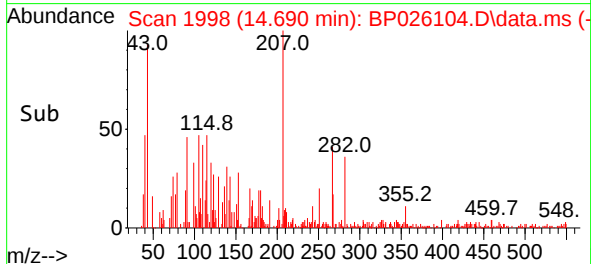
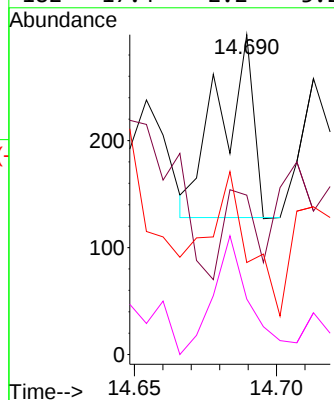
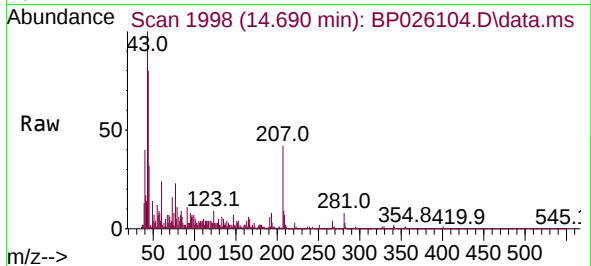




#57
2,4-Dinitrotoluene
Concen: 3.096 ng
RT: 14.690 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

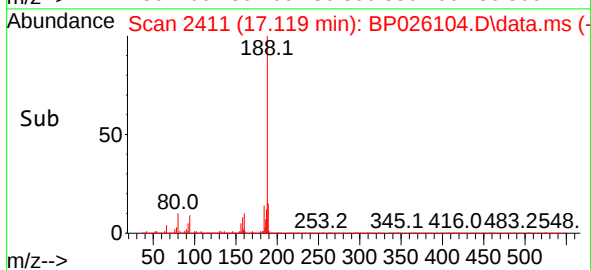
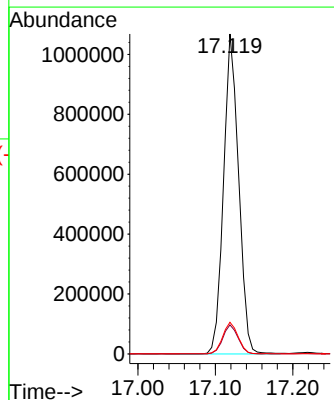
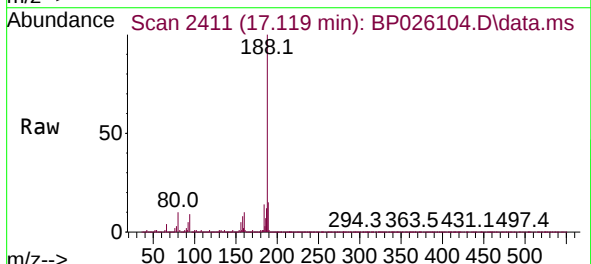
Instrument :
BNA_P
ClientSampleId :
VNJ-240

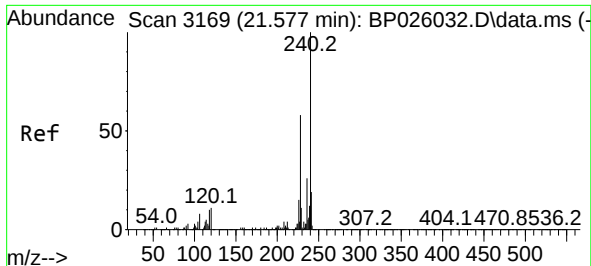
Tgt Ion:165 Resp: 141
Ion Ratio Lower Upper
165 100
63 49.8 34.2 51.2
89 28.8 56.0 84.0#
182 17.4 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Tgt Ion:188 Resp: 1447525
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.9 7.9 11.9

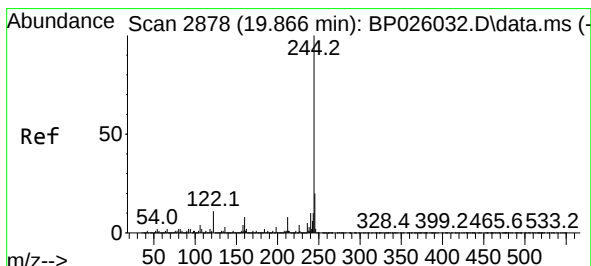
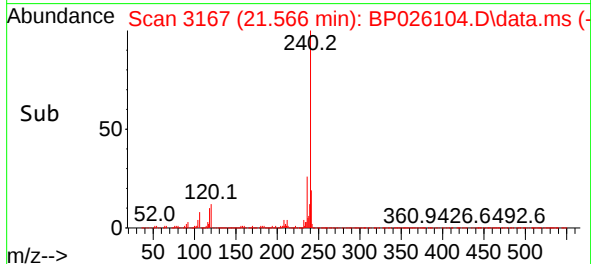
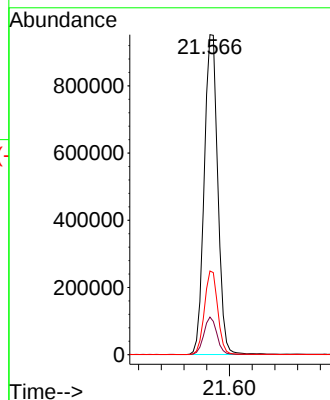
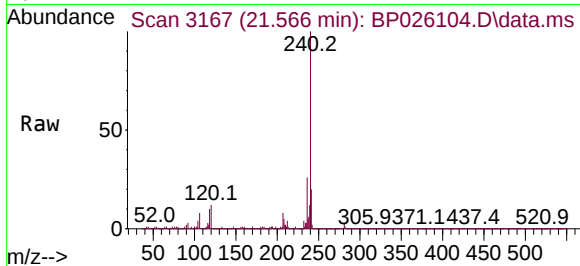




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

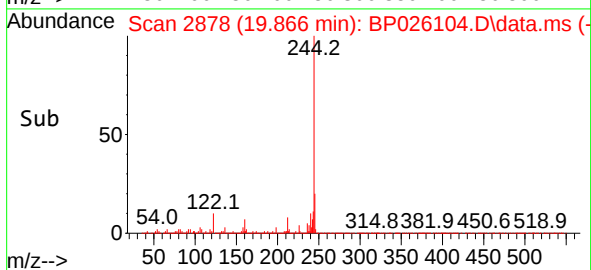
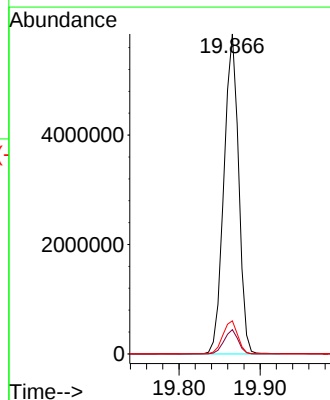
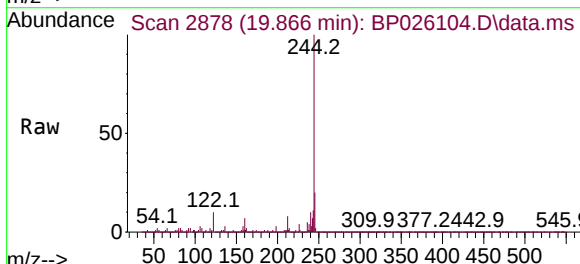
Instrument :
BNA_P
ClientSampleId :
VNJ-240

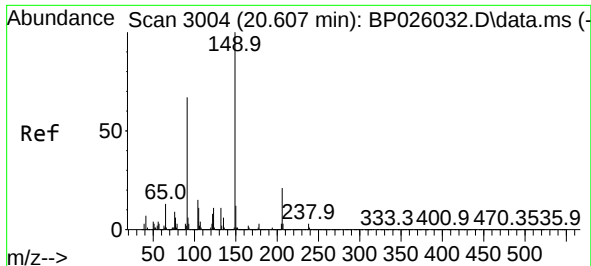
Tgt Ion:240 Resp: 1582218
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.1 20.6 31.0



#79
Terphenyl-d14
Concen: 94.122 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Tgt Ion:244 Resp: 7329945
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.3 9.0 13.6

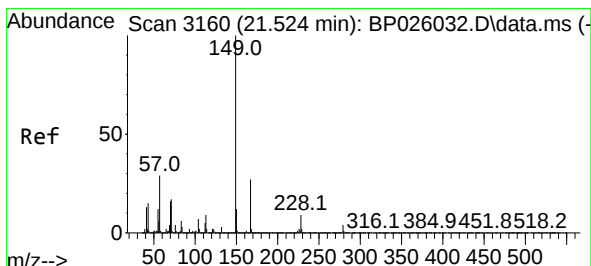
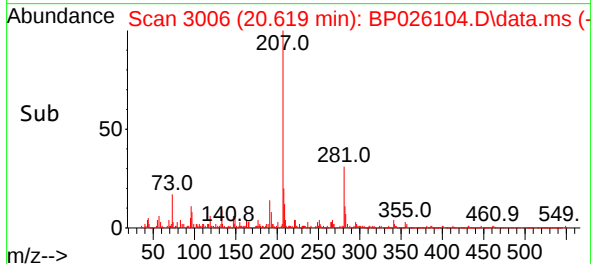
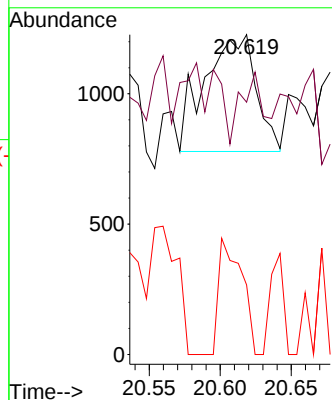
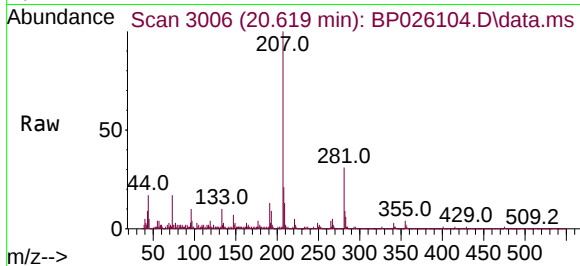




#80
Butylbenzylphthalate
Concen: 3.423 ng
RT: 20.619 min Scan# 3006
Delta R.T. 0.012 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

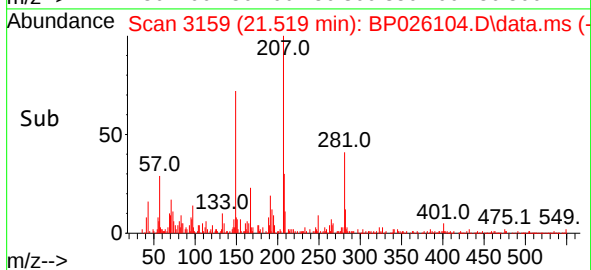
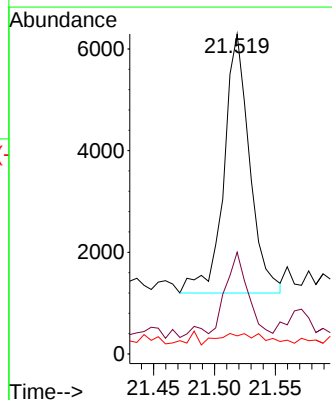
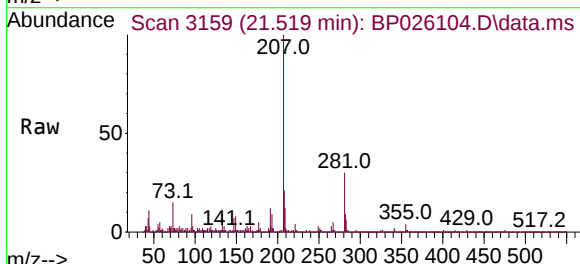
Instrument :
BNA_P
ClientSampleId :
VNJ-240

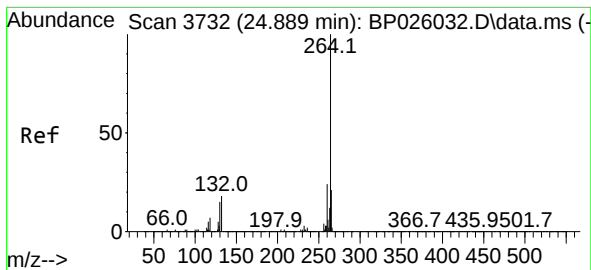
Tgt Ion	149	Ratio	100	Lower	53.5	Upper	80.3
149	100						
91	78.9			53.5		80.3	
206	21.8			16.6		25.0	



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.709 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Tgt Ion	149	Ratio	100	Lower	21.5	Upper	32.3
149	100						
167	31.8			21.5		32.3	
279	5.6			3.0		4.6	





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026104.D
Acq: 12 Nov 2025 00:25

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:264 Resp: 1614753

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.0	17.2	25.8

