

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051425\
 Data File : BP024631.D
 Acq On : 14 May 2025 18:37
 Operator : RC/JU
 Sample : Q1872-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HW0425-PT-TRIAZINE-SOIL

Quant Time: May 15 02:06:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

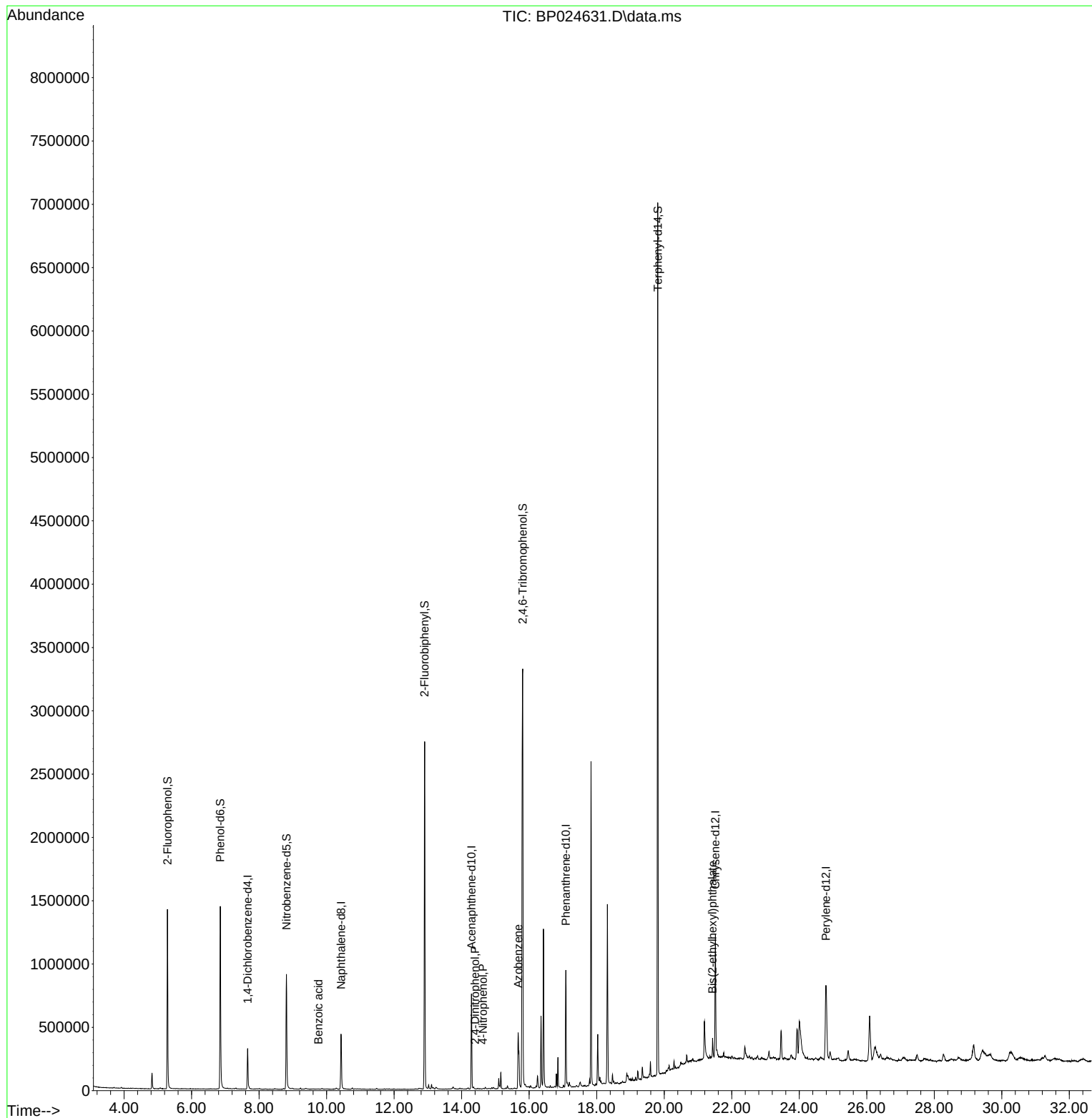
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	89688	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	382712	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	254481	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	547126	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	601577	20.000	ng	0.00
86) Perylene-d12	24.792	264	715674	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	615659	117.407	ng	0.00
7) Phenol-d6	6.852	99	849640	126.954	ng	0.00
23) Nitrobenzene-d5	8.810	82	539220	71.189	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	641020	148.584	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1434975	73.876	ng	0.00
79) Terphenyl-d14	19.810	244	3254388	92.761	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	28	7.474	ng	# 1
54) 2,4-Dinitrophenol	14.398	184	19	6.408	ng	# 1
56) 4-Nitrophenol	14.628	139	750	4.430	ng	90
63) Azobenzene	15.675	77	135014	8.050	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.433	149	60411	2.564	ng	97

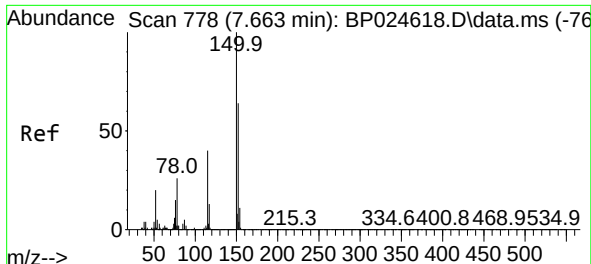
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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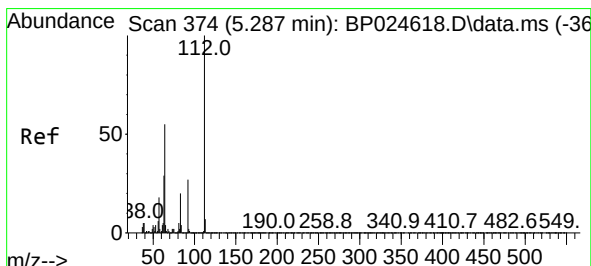
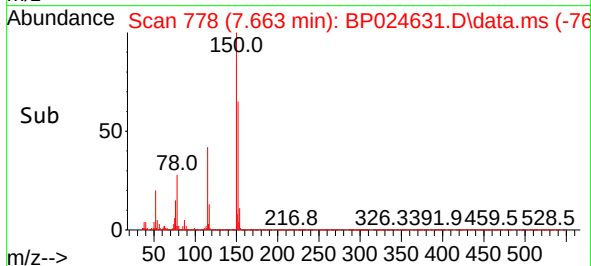
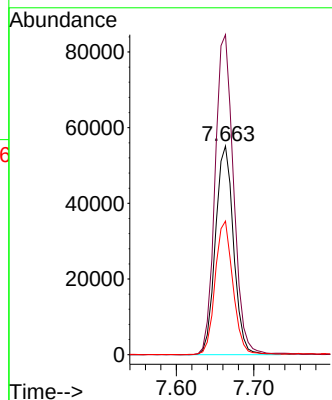
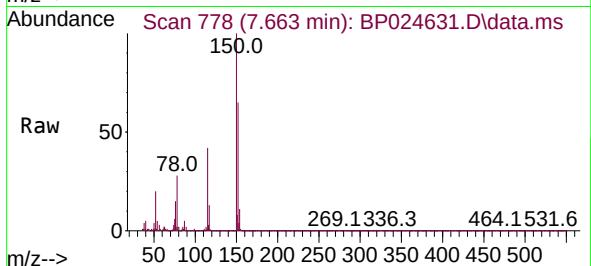




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

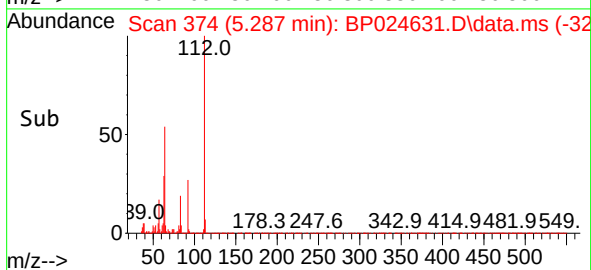
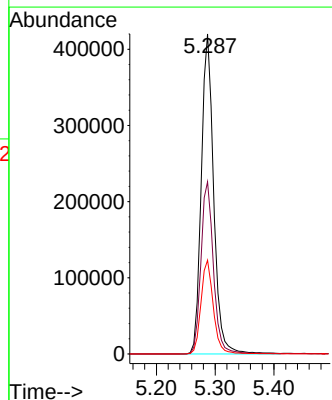
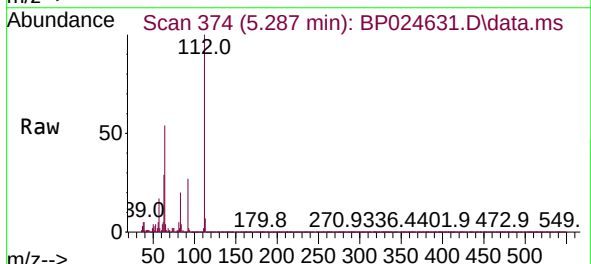
Instrument :
BNA_P
ClientSampleId :
HW0425-PT-TRIAZINE-SOIL

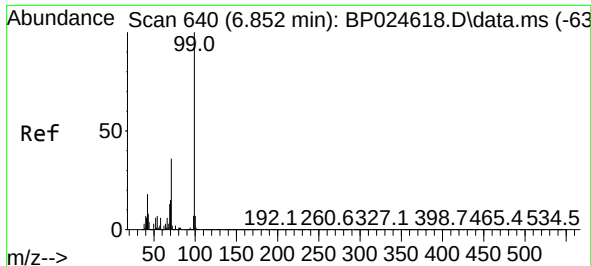
Tgt Ion:152 Resp: 89688
Ion Ratio Lower Upper
152 100
150 153.3 125.9 188.9
115 64.0 50.1 75.1



#5
2-Fluorophenol
Concen: 117.407 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

Tgt Ion:112 Resp: 615659
Ion Ratio Lower Upper
112 100
64 53.8 44.1 66.1
63 29.3 23.5 35.3

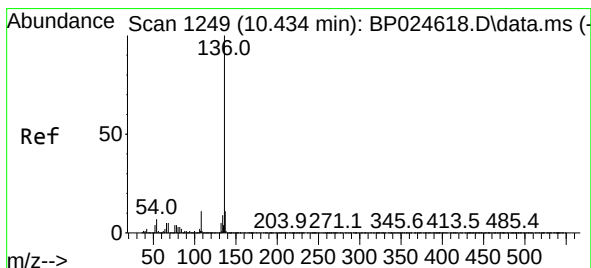
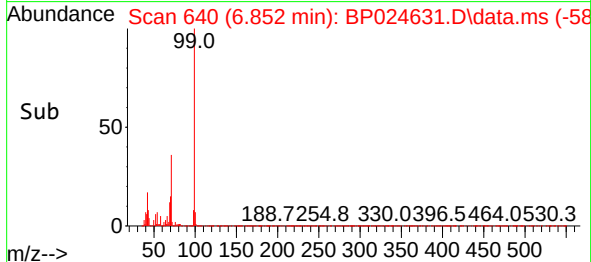
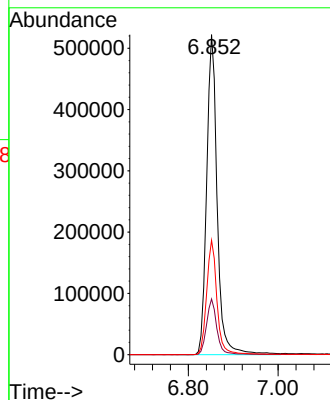
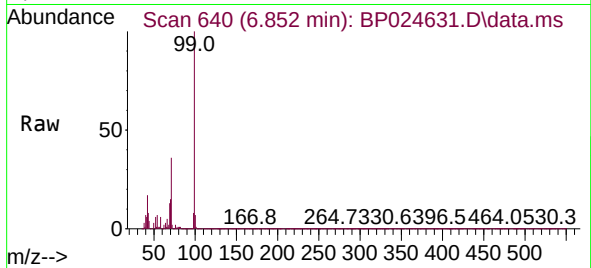




#7
Phenol-d6
Concen: 126.954 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

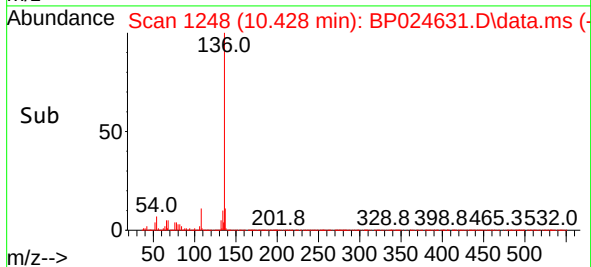
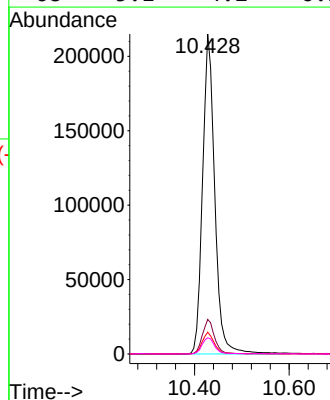
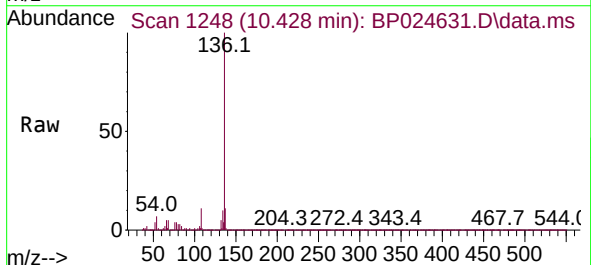
Instrument :
BNA_P
ClientSampleId :
HW0425-PT-TRIAZINE-SOIL

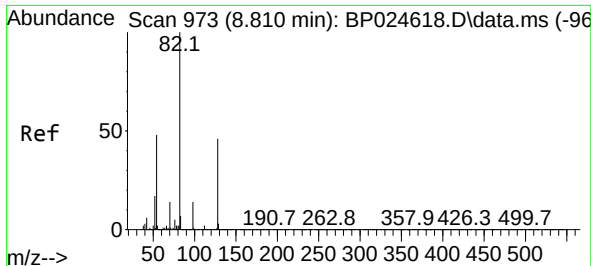
Tgt Ion: 99 Resp: 849640
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 35.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

Tgt Ion:136 Resp: 382712
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.5 8.3
68 5.1 4.2 6.2

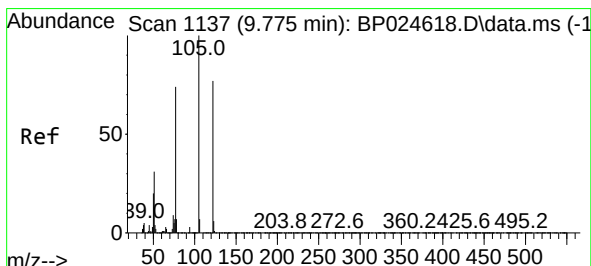
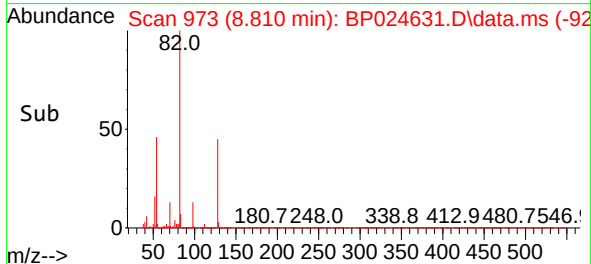
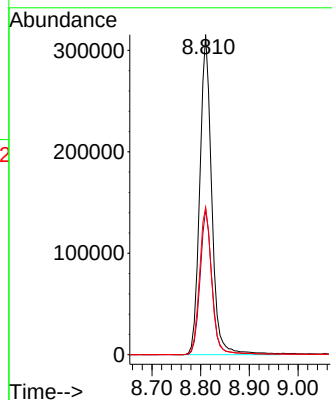
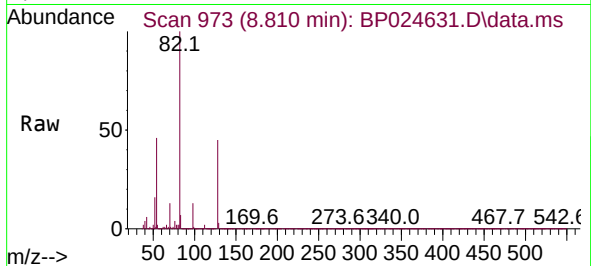




#23
Nitrobenzene-d5
Concen: 71.189 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

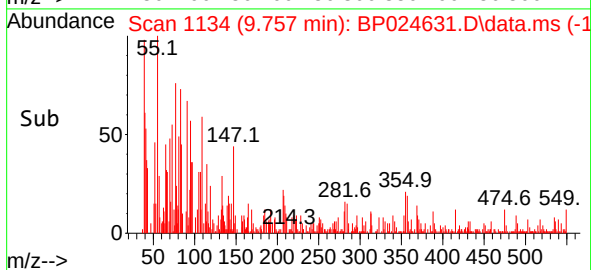
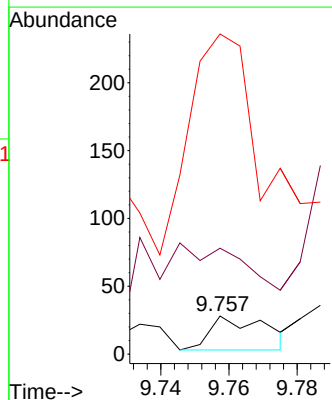
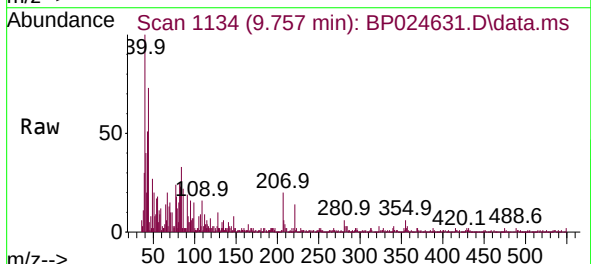
Instrument :
BNA_P
ClientSampleId :
HW0425-PT-TRIAZINE-SOIL

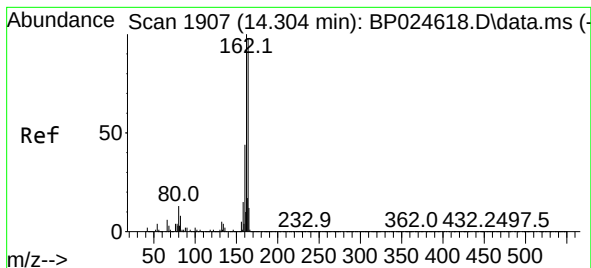
Tgt Ion: 82 Resp: 539220
Ion Ratio Lower Upper
82 100
128 45.5 37.0 55.4
54 46.1 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

Tgt Ion: 122 Resp: 28
Ion Ratio Lower Upper
122 100
105 317.9 106.9 146.9#
77 842.9 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

Instrument :

BNA_P

ClientSampleId :

HW0425-PT-TRIAZINE-SOIL

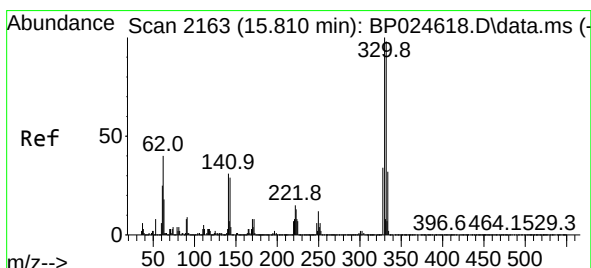
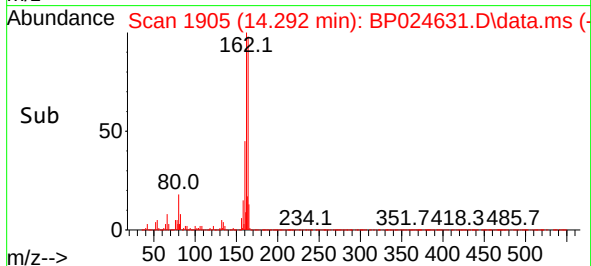
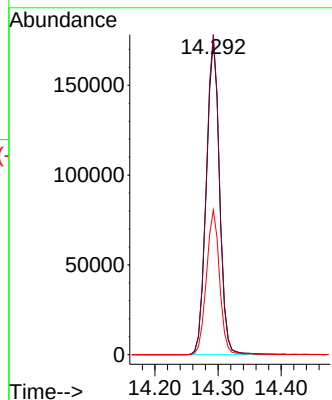
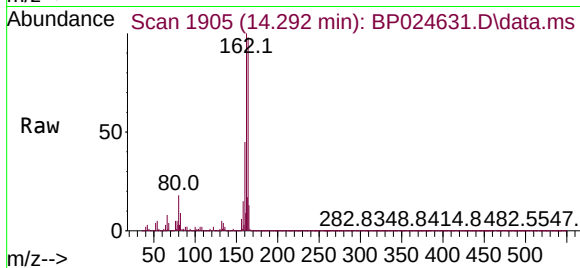
Tgt Ion:164 Resp: 254481

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

160 46.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 148.584 ng

RT: 15.810 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

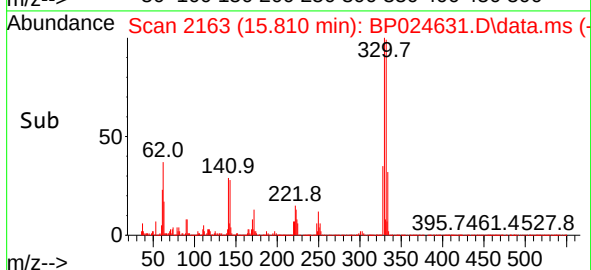
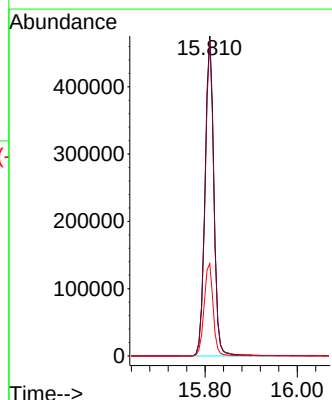
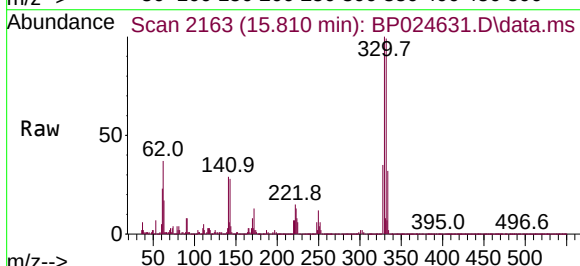
Tgt Ion:330 Resp: 641020

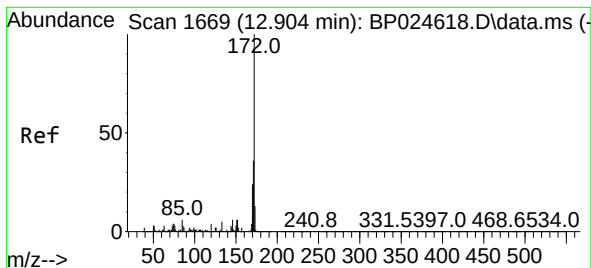
Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

141 29.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 73.876 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

Instrument :

BNA_P

ClientSampleId :

HW0425-PT-TRIAZINE-SOIL

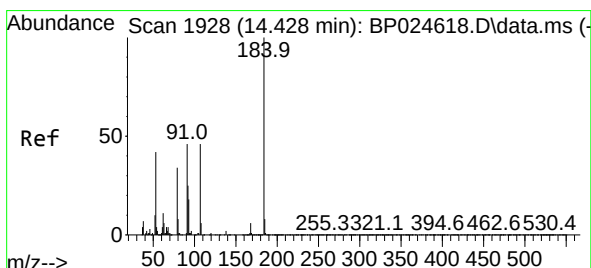
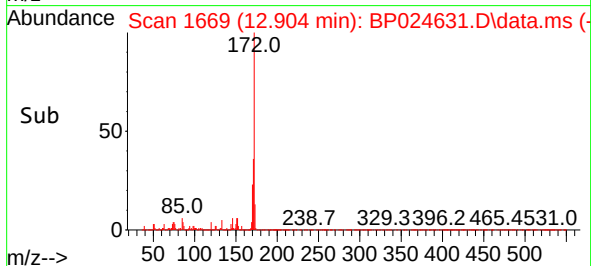
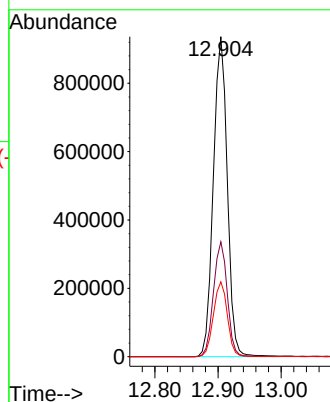
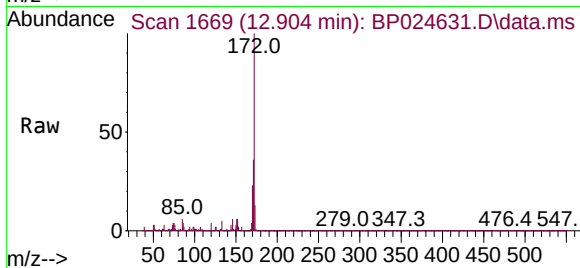
Tgt Ion:172 Resp: 1434975

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.408 ng

RT: 14.398 min Scan# 1923

Delta R.T. -0.030 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

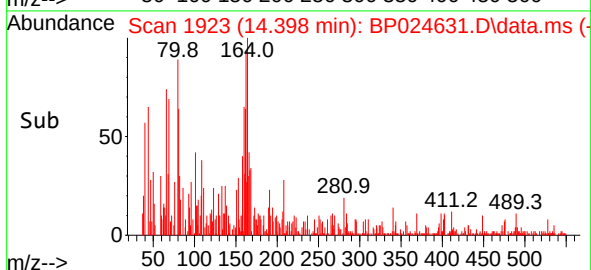
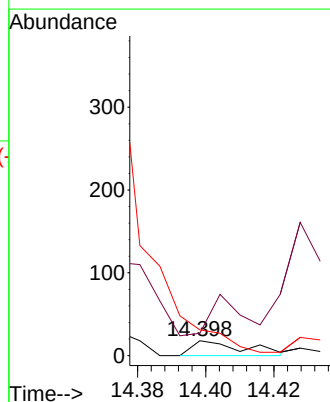
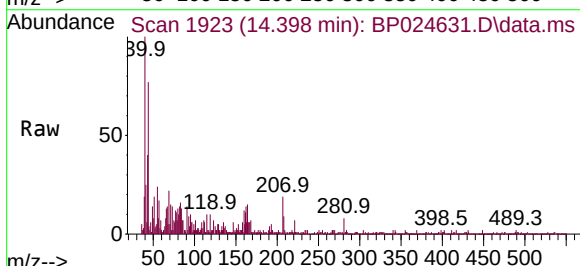
Tgt Ion:184 Resp: 19

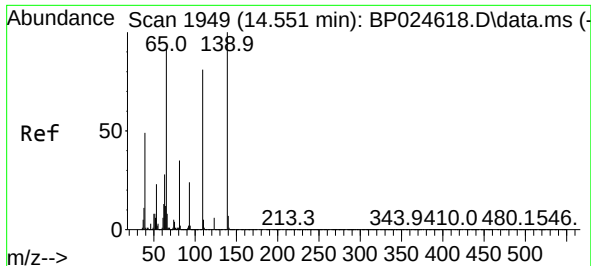
Ion Ratio Lower Upper

184 100

63 150.0 51.3 76.9#

154 172.2 53.5 80.3#

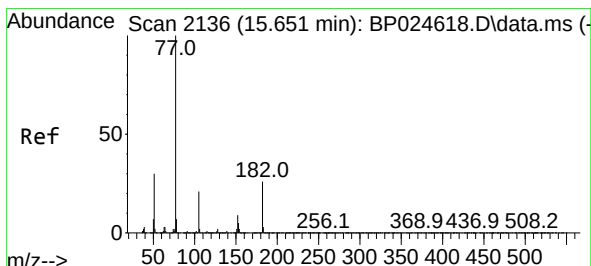
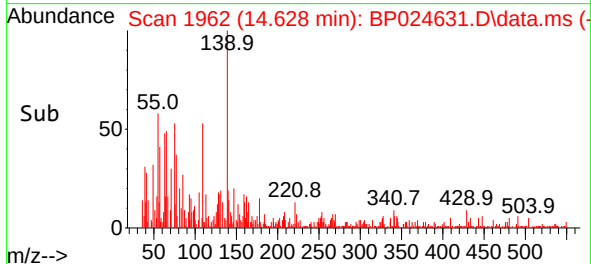
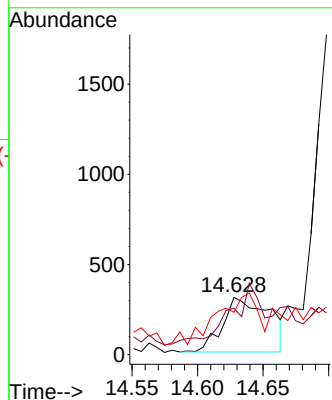
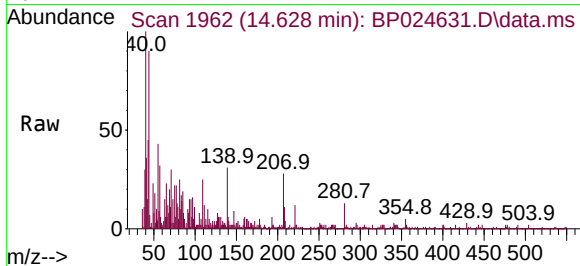




#56
4-Nitrophenol
Concen: 4.430 ng
RT: 14.628 min Scan# 1949
Delta R.T. 0.077 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

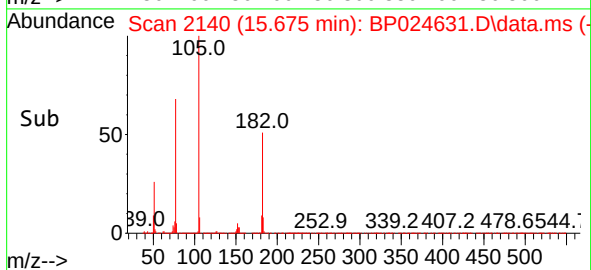
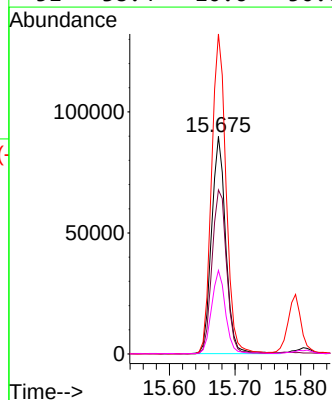
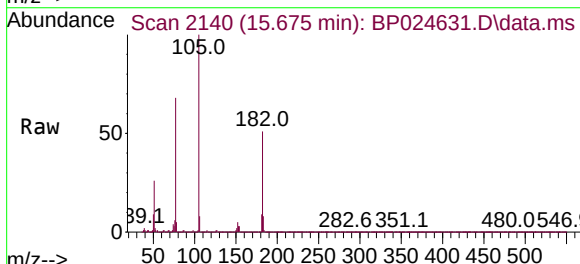
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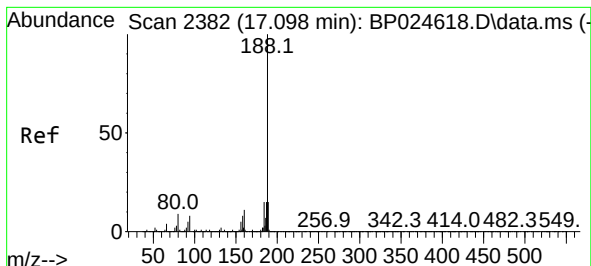
Tgt Ion:139 Resp: 750
Ion Ratio Lower Upper
139 100
109 80.8 61.4 101.4
65 73.9 72.2 112.2



#63
Azobenzene
Concen: 8.050 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.024 min
Lab File: BP024631.D
Acq: 14 May 2025 18:37

Tgt Ion: 77 Resp: 135014
Ion Ratio Lower Upper
77 100
182 75.4 5.7 45.7#
105 147.1 1.3 41.3#
51 38.4 10.6 50.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

Instrument :

BNA_P

ClientSampleId :

HW0425-PT-TRIAZINE-SOIL

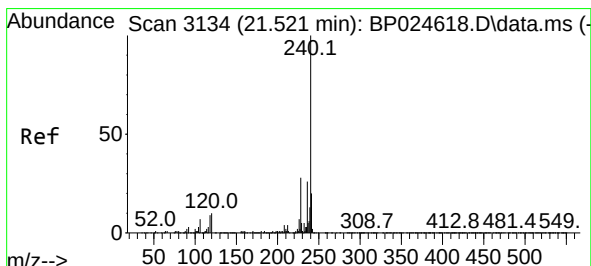
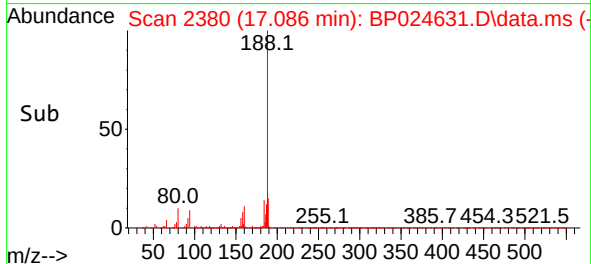
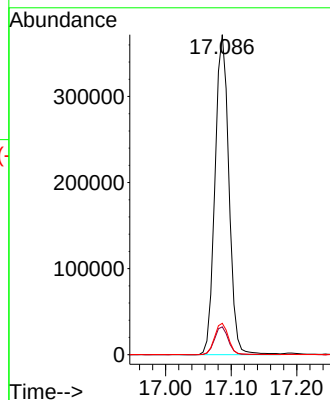
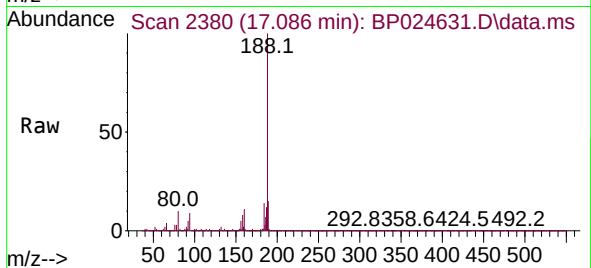
Tgt Ion:188 Resp: 547126

Ion Ratio Lower Upper

188 100

94 8.7 6.5 9.7

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

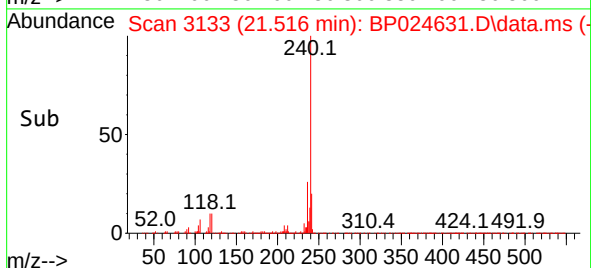
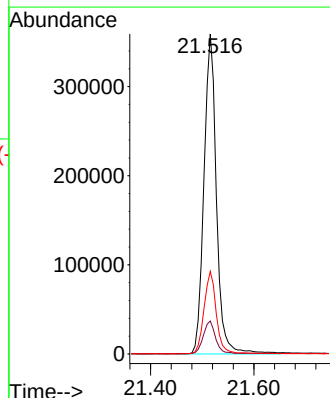
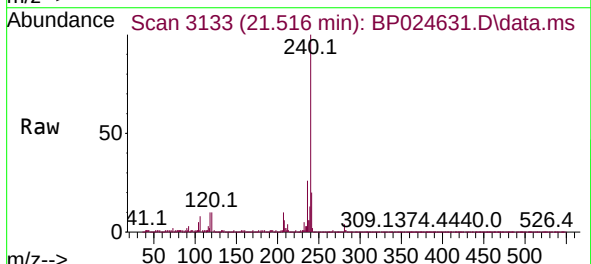
Tgt Ion:240 Resp: 601577

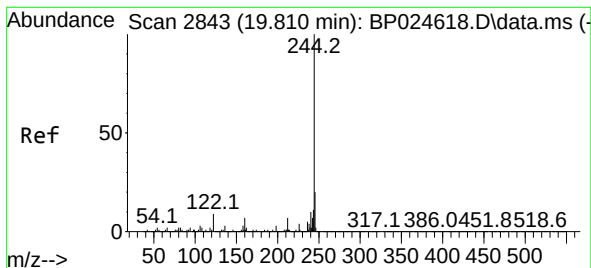
Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 92.761 ng

RT: 19.810 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

Instrument :

BNA_P

ClientSampleId :

HW0425-PT-TRIAZINE-SOIL

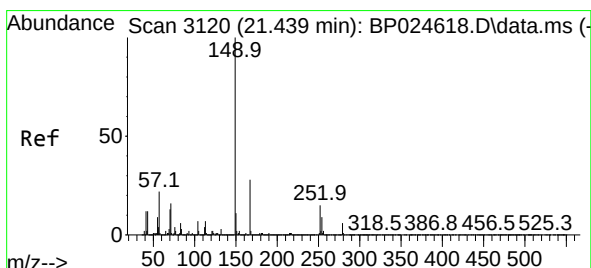
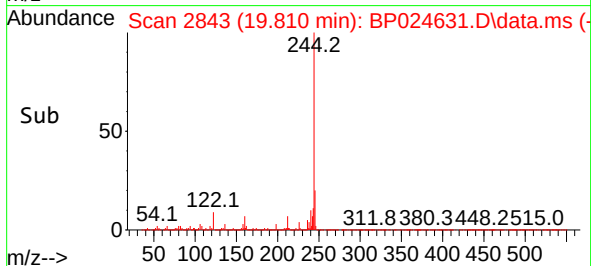
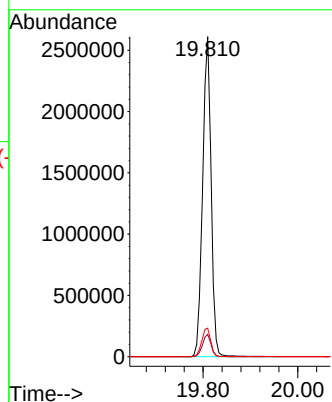
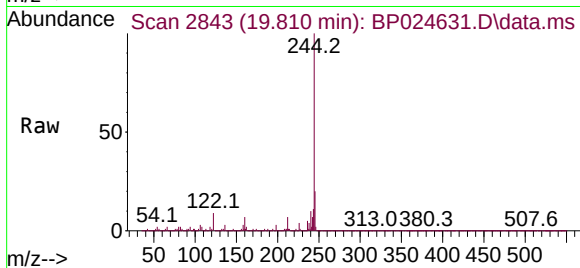
Tgt Ion:244 Resp: 3254388

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.9 7.4 11.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.564 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024631.D

Acq: 14 May 2025 18:37

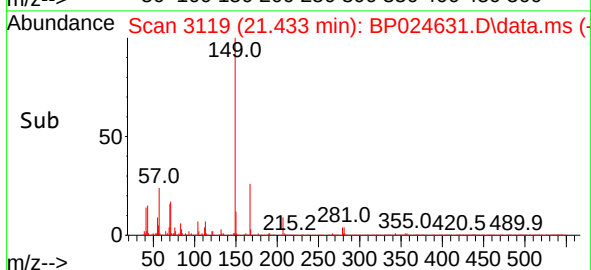
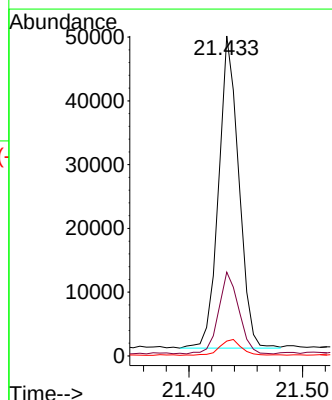
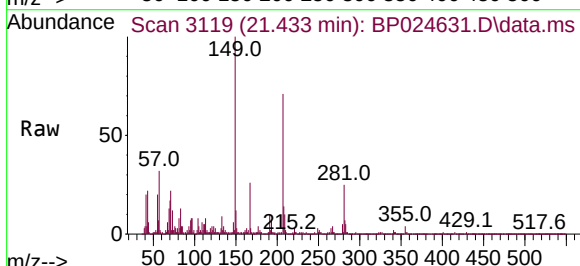
Tgt Ion:149 Resp: 60411

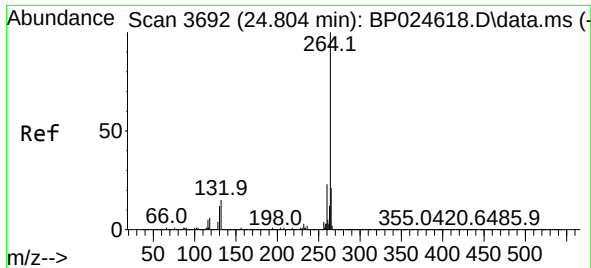
Ion Ratio Lower Upper

149 100

167 26.2 22.1 33.1

279 4.6 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BP024631.D
 Acq: 14 May 2025 18:37

Instrument :
 BNA_P
 ClientSampleId :
 HW0425-PT-TRIAZINE-SOIL

Tgt Ion:	264	Resp:	715674
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	17.0	25.6

