

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026317.D
 Acq On : 12 Dec 2025 19:48
 Operator : RC/JU
 Sample : Q3839-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COAN6

Quant Time: Dec 15 02:19:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 01:38:31 2025
 Response via : Initial Calibration

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

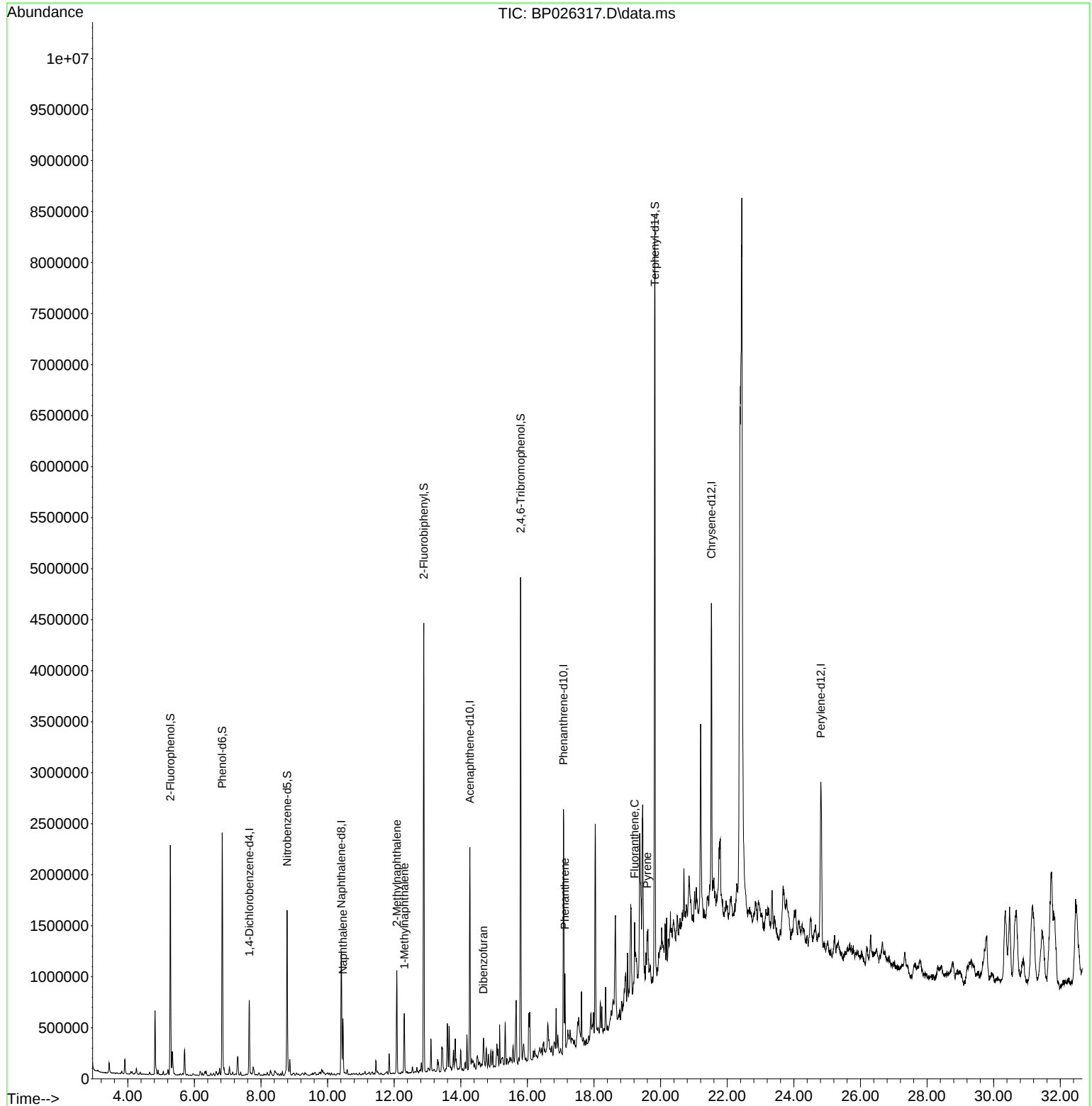
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	209247	20.000	ng	-0.02
21) Naphthalene-d8	10.413	136	945816	20.000	ng	-0.03
39) Acenaphthene-d10	14.272	164	707950	20.000	ng	-0.04
64) Phenanthrene-d10	17.084	188	1531793	20.000	ng	-0.05
76) Chrysene-d12	21.524	240	1804530	20.000	ng	-0.05
86) Perylene-d12	24.807	264	1959353	20.000	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1067423	82.012	ng	-0.01
7) Phenol-d6	6.837	99	1434423	87.310	ng	-0.02
23) Nitrobenzene-d5	8.784	82	870852	52.409	ng	-0.03
42) 2,4,6-Tribromophenol	15.795	330	897830	97.520	ng	-0.04
45) 2-Fluorobiphenyl	12.890	172	2428689	49.877	ng	-0.03
79) Terphenyl-d14	19.825	244	4229987	47.911	ng	-0.05
Target Compounds						
						Qvalue
31) Naphthalene	10.460	128	431500	8.439	ng	99
37) 2-Methylnaphthalene	12.078	142	448217	12.437	ng	99
38) 1-Methylnaphthalene	12.301	142	305985	8.691	ng	99
55) Dibenzofuran	14.678	168	157636	2.508	ng	# 92
71) Phenanthrene	17.125	178	474023	5.489	ng	99
75) Fluoranthene	19.219	202	317695	3.023	ng	98
78) Pyrene	19.595	202	296836	2.524	ng	97

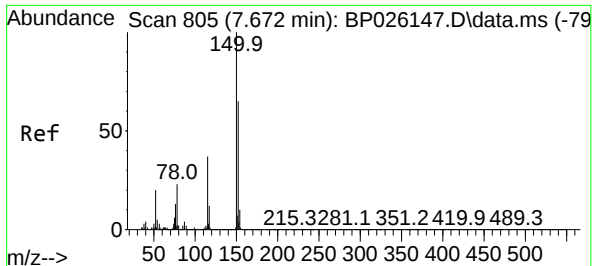
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026317.D
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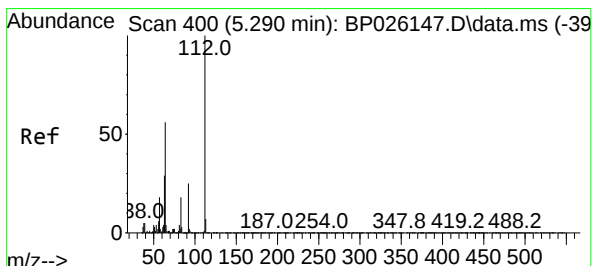
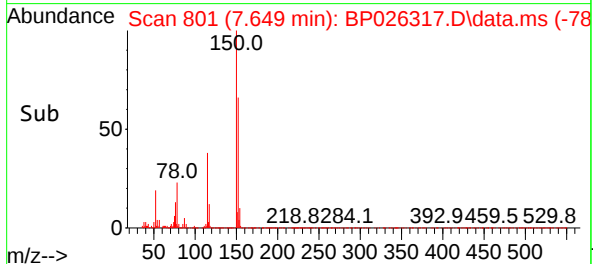
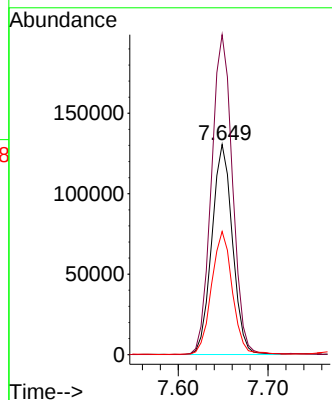
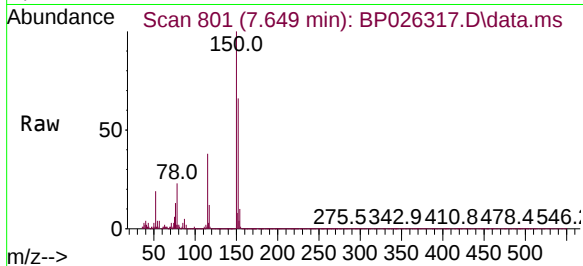




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.649 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: BP026317.D
 Acq: 12 Dec 2025 19:48

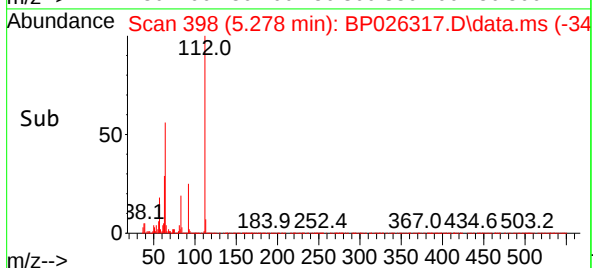
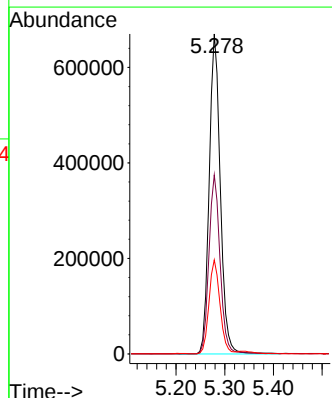
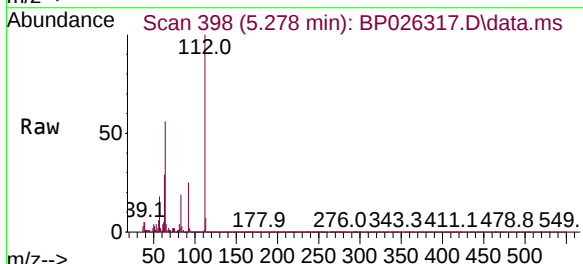
Instrument :
 BNA_P
 ClientSampleId :
 COAN6

Tgt Ion:152 Resp: 209247
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.0 184.6
 115 58.6 46.3 69.5



#5
 2-Fluorophenol
 Concen: 82.012 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.012 min
 Lab File: BP026317.D
 Acq: 12 Dec 2025 19:48

Tgt Ion:112 Resp: 1067423
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.8 68.6
 63 29.4 23.5 35.3

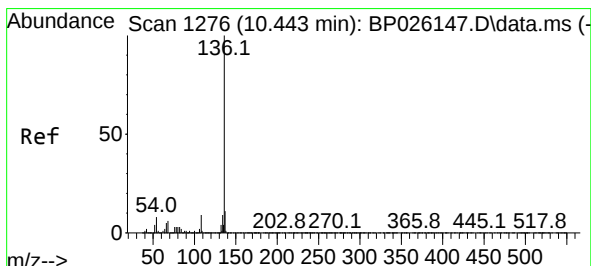
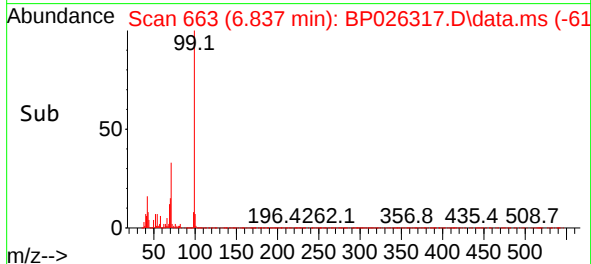
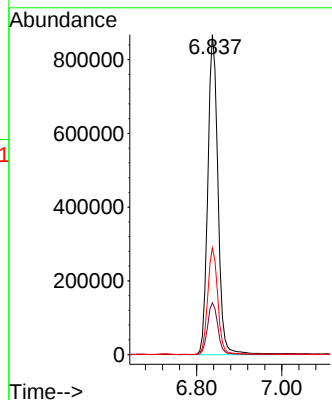
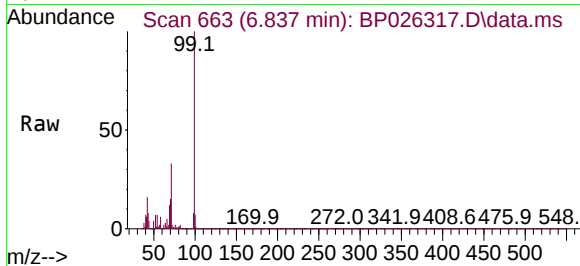




#7
Phenol-d6
Concen: 87.310 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

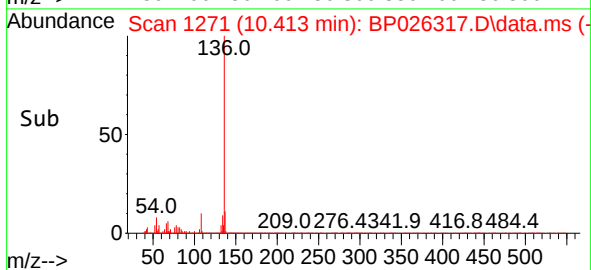
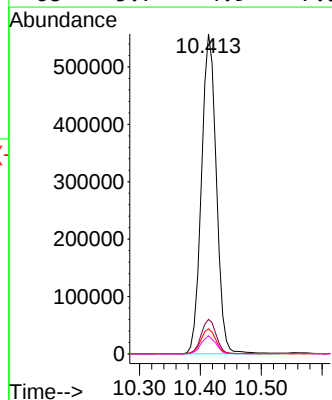
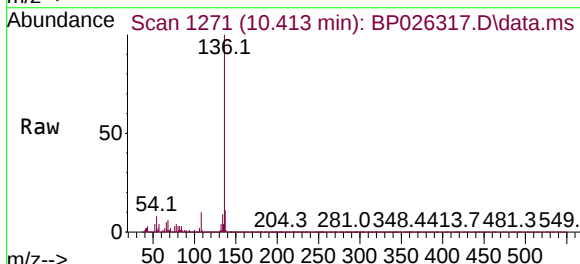
Instrument :
BNA_P
ClientSampleId :
COAN6

Tgt Ion: 99 Resp: 1434423
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 33.3 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.029 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

Tgt Ion: 136 Resp: 945816
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 6.4 9.6
68 5.7 4.9 7.3

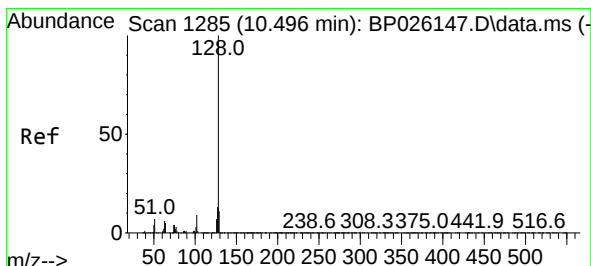
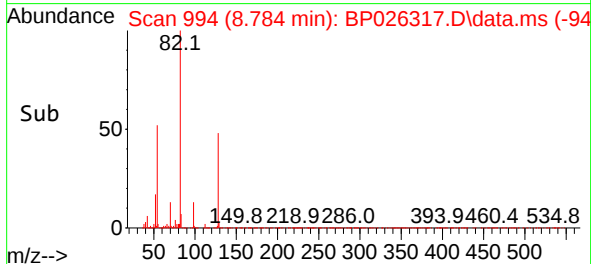
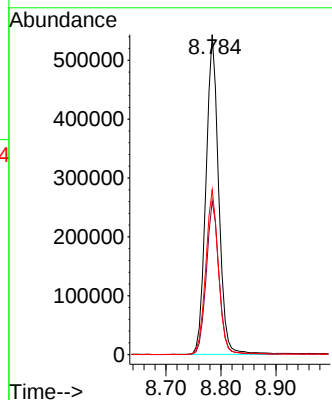
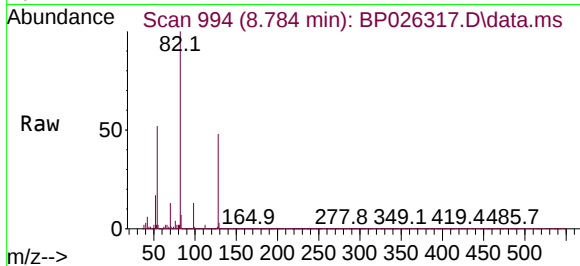




#23
Nitrobenzene-d5
Concen: 52.409 ng
RT: 8.784 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

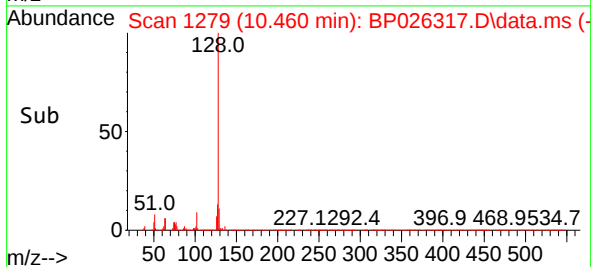
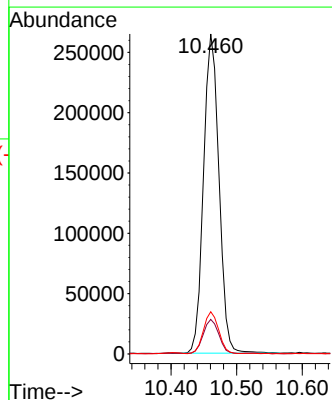
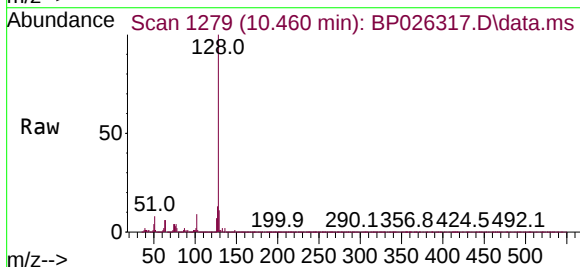
Instrument :
BNA_P
ClientSampleId :
COAN6

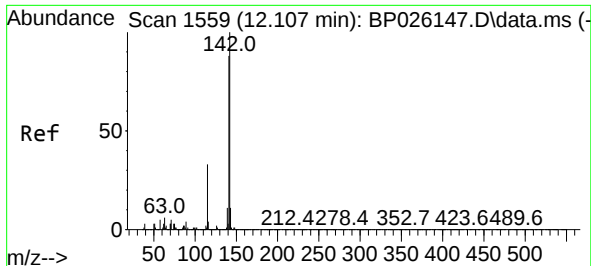
Tgt Ion: 82 Resp: 870852
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.0
54 51.5 41.6 62.4



#31
Naphthalene
Concen: 8.439 ng
RT: 10.460 min Scan# 1279
Delta R.T. -0.035 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

Tgt Ion:128 Resp: 431500
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.2 10.2 15.4

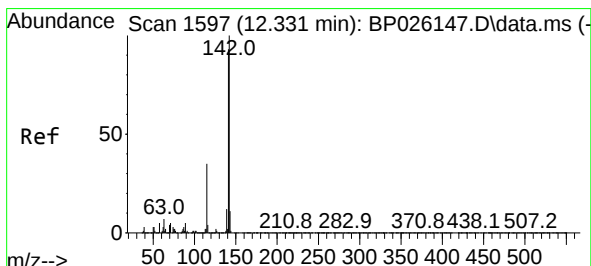
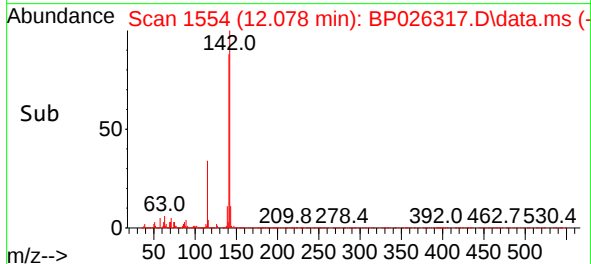
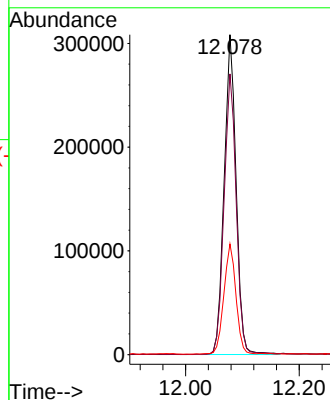
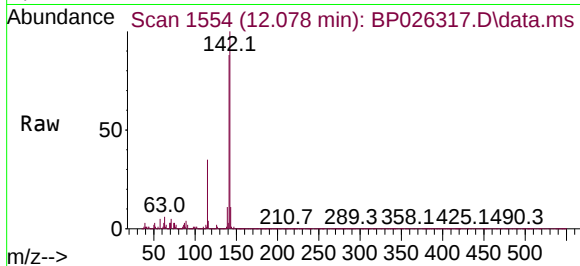




#37
2-Methylnaphthalene
Concen: 12.437 ng
RT: 12.078 min Scan# 1559
Delta R.T. -0.029 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

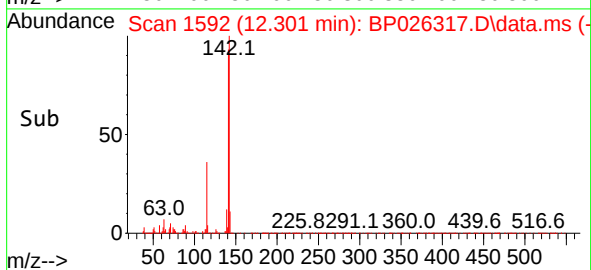
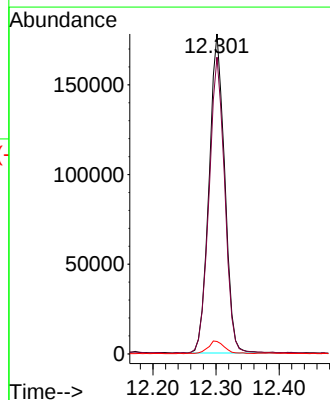
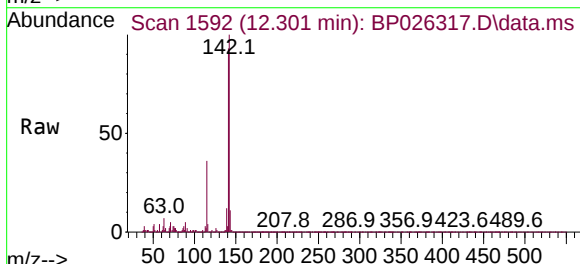
Instrument :
BNA_P
ClientSampleId :
COAN6

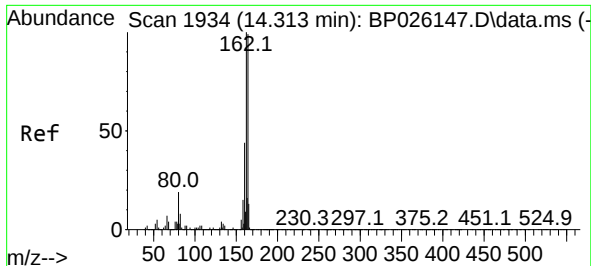
Tgt Ion:142 Resp: 448217
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6
115 34.6 26.6 39.8



#38
1-Methylnaphthalene
Concen: 8.691 ng
RT: 12.301 min Scan# 1592
Delta R.T. -0.029 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

Tgt Ion:142 Resp: 305985
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 3.9 3.0 4.4

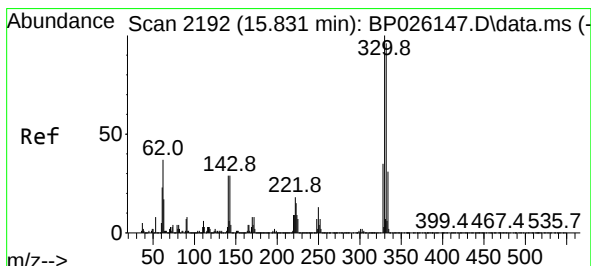
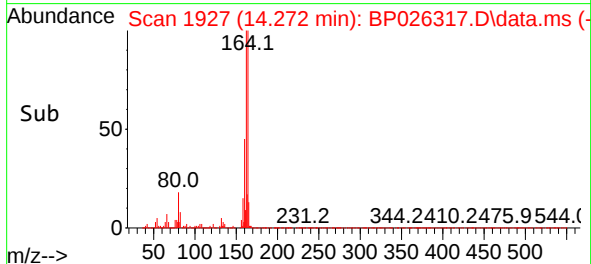
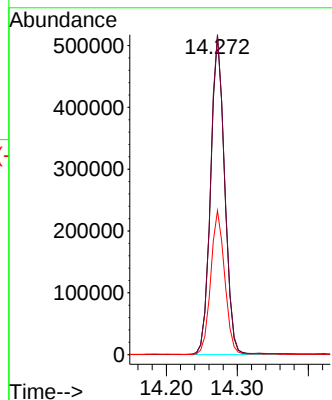
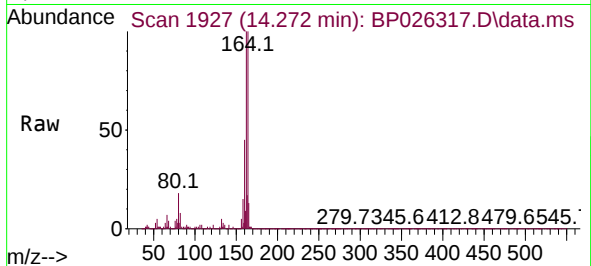




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1934
Delta R.T. -0.041 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

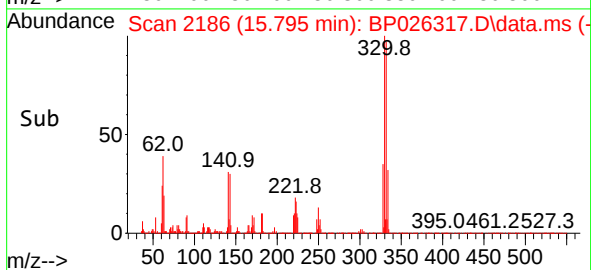
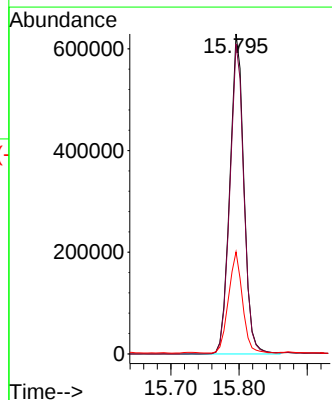
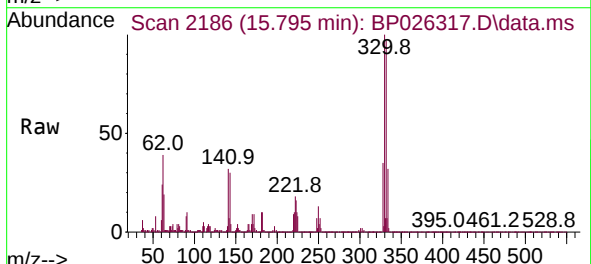
Instrument :
BNA_P
ClientSampleId :
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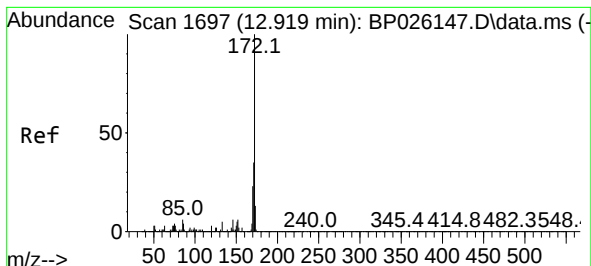
Tgt Ion:164 Resp: 707950
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 45.1 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 97.520 ng
RT: 15.795 min Scan# 2186
Delta R.T. -0.035 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

Tgt Ion:330 Resp: 897830
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 31.3 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 49.877 ng

RT: 12.890 min Scan# 10

Delta R.T. -0.029 min

Lab File: BP026317.D

Acq: 12 Dec 2025 19:48

Instrument :

BNA_P

ClientSampleId :

COAN6

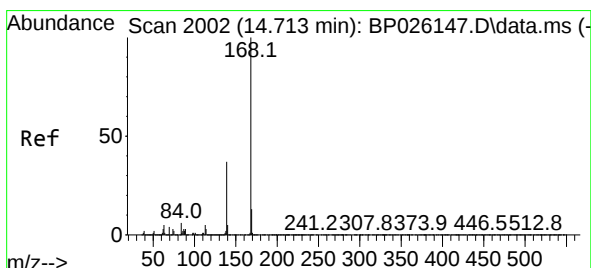
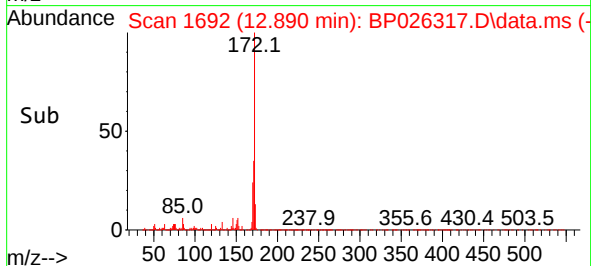
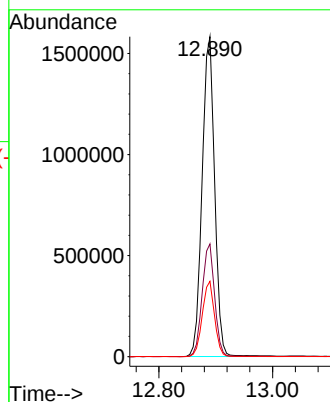
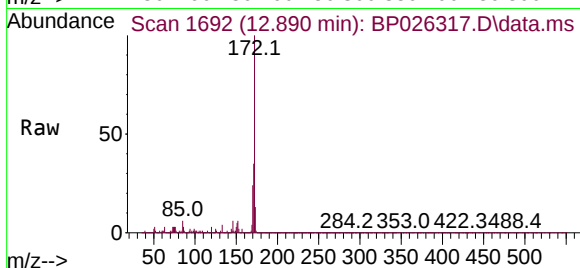
Tgt Ion:172 Resp: 2428689

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 18.7 28.1



#55

Dibenzofuran

Concen: 2.508 ng

RT: 14.678 min Scan# 1996

Delta R.T. -0.035 min

Lab File: BP026317.D

Acq: 12 Dec 2025 19:48

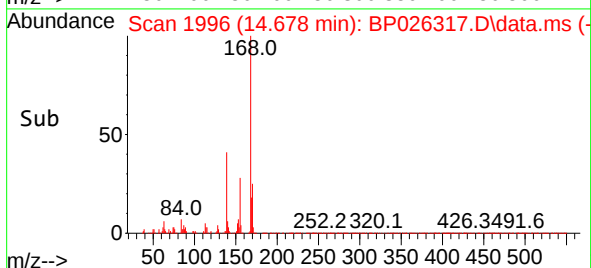
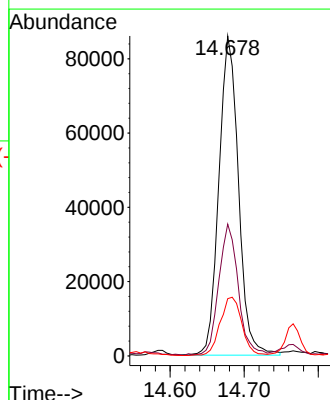
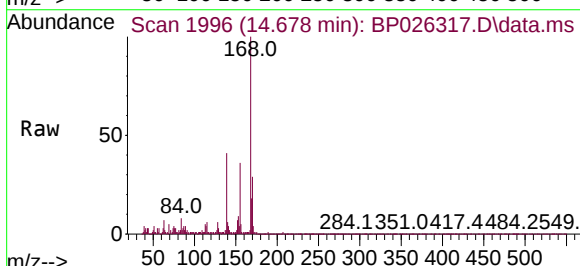
Tgt Ion:168 Resp: 157636

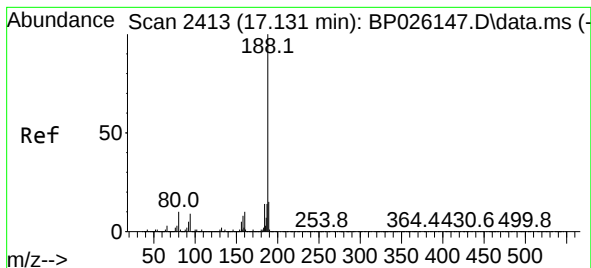
Ion Ratio Lower Upper

168 100

139 41.2 29.8 44.6

169 17.9 10.9 16.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.084 min Scan# 2413

Delta R.T. -0.047 min

Lab File: BP026317.D

Acq: 12 Dec 2025 19:48

Instrument :

BNA_P

ClientSampleId :

COAN6

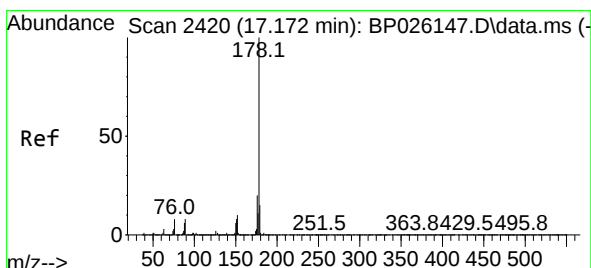
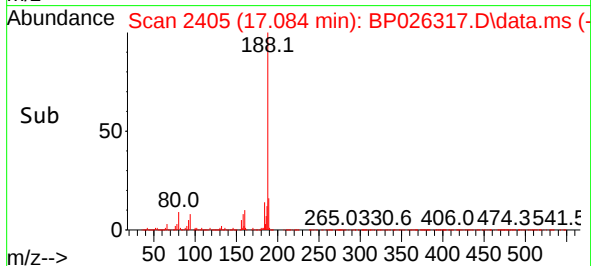
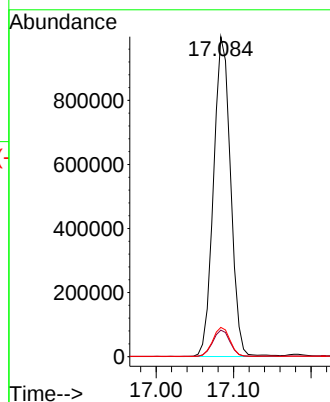
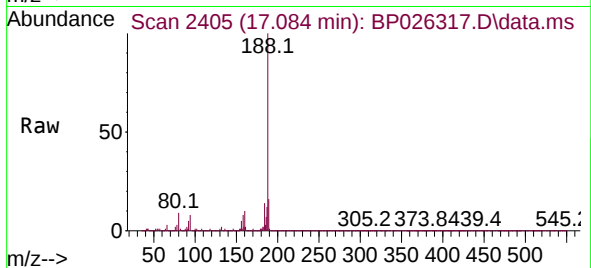
Tgt Ion:188 Resp: 1531793

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

80 9.1 8.2 12.2



#71

Phenanthrene

Concen: 5.489 ng

RT: 17.125 min Scan# 2412

Delta R.T. -0.047 min

Lab File: BP026317.D

Acq: 12 Dec 2025 19:48

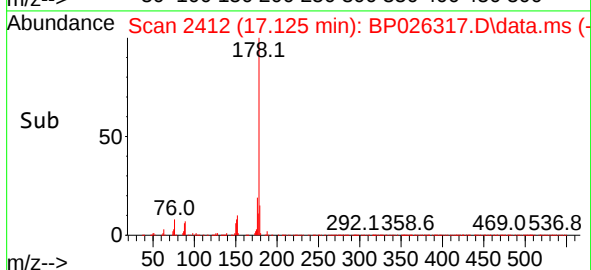
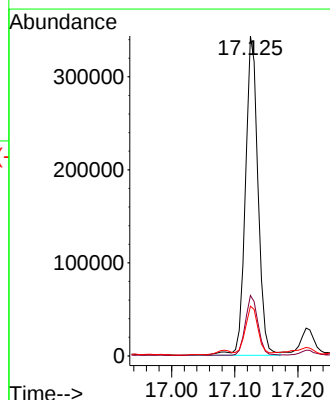
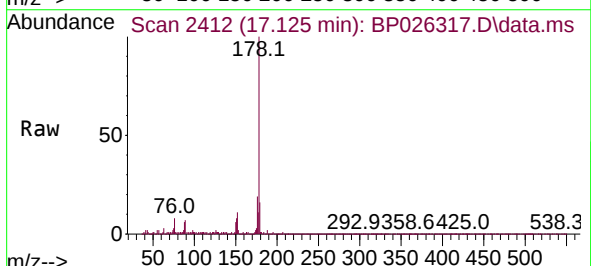
Tgt Ion:178 Resp: 474023

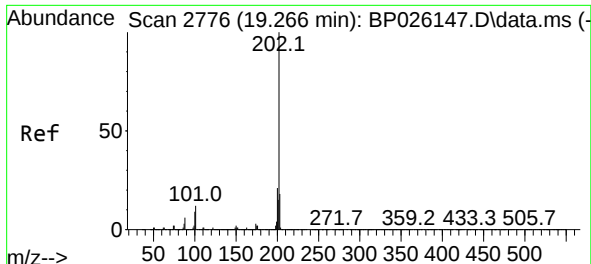
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.5 12.4 18.6

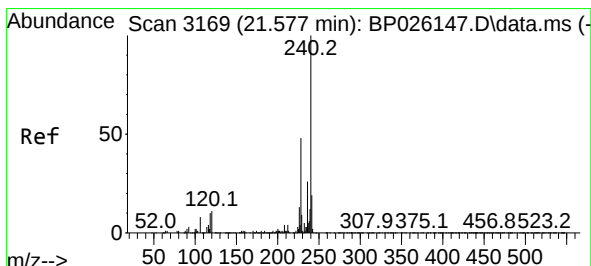
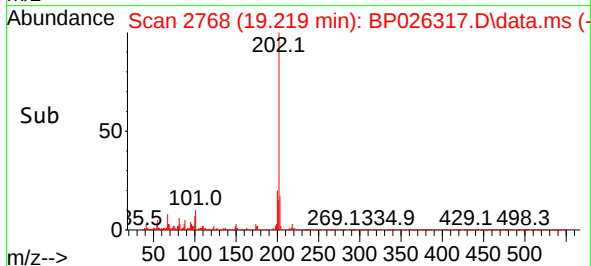
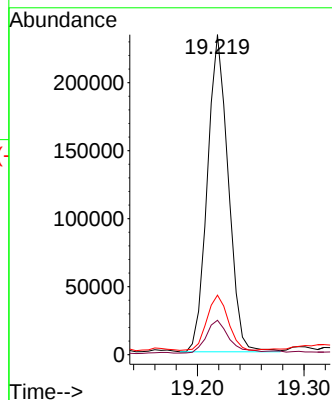
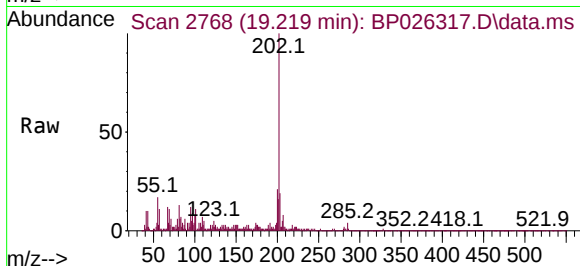




#75
Fluoranthene
Concen: 3.023 ng
RT: 19.219 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

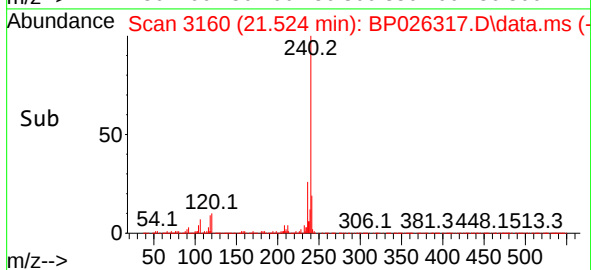
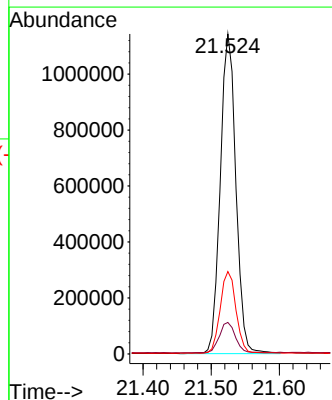
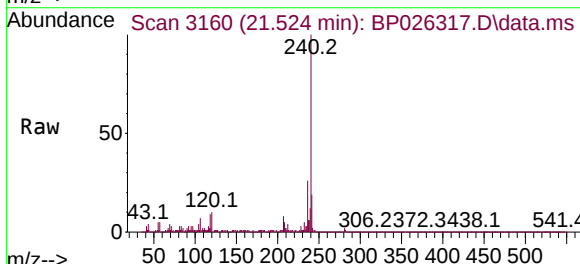
Instrument :
BNA_P
ClientSampleId :
COAN6

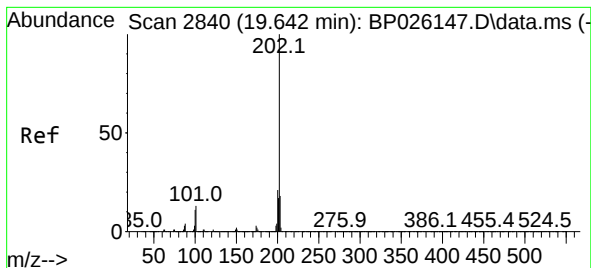
Tgt Ion:202 Resp: 317695
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.2
203 18.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.053 min
Lab File: BP026317.D
Acq: 12 Dec 2025 19:48

Tgt Ion:240 Resp: 1804530
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 25.7 20.4 30.6





#78

Pyrene

Concen: 2.524 ng

RT: 19.595 min Scan# 281

Delta R.T. -0.047 min

Lab File: BP026317.D

Acq: 12 Dec 2025 19:48

Instrument :

BNA_P

ClientSampleId :

COAN6

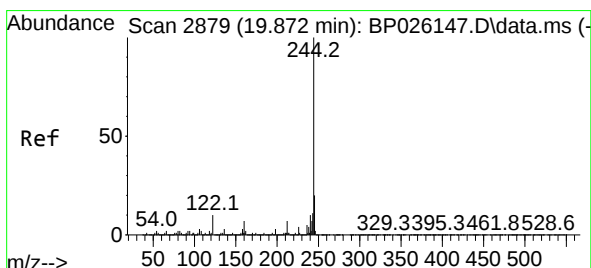
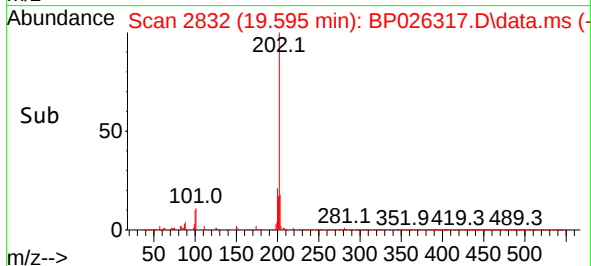
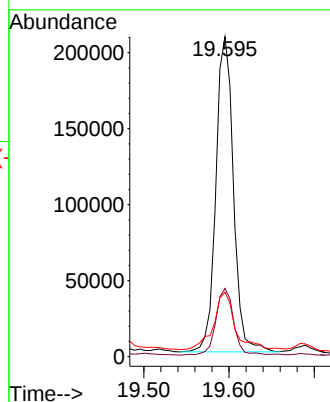
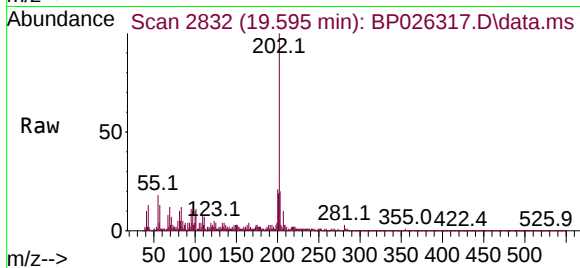
Tgt Ion:202 Resp: 296836

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 20.1 13.8 20.8



#79

Terphenyl-d14

Concen: 47.911 ng

RT: 19.825 min Scan# 2871

Delta R.T. -0.047 min

Lab File: BP026317.D

Acq: 12 Dec 2025 19:48

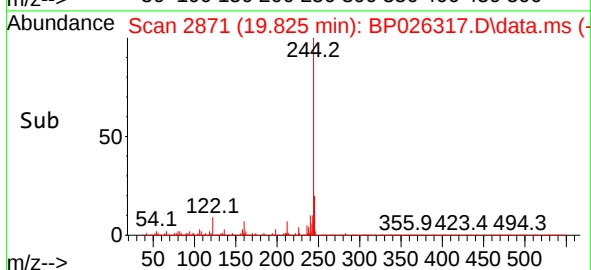
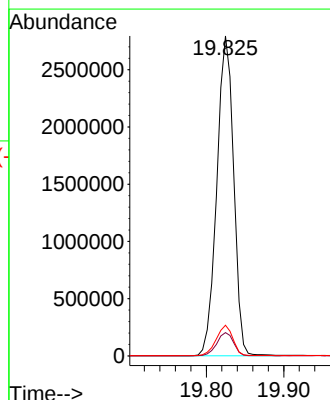
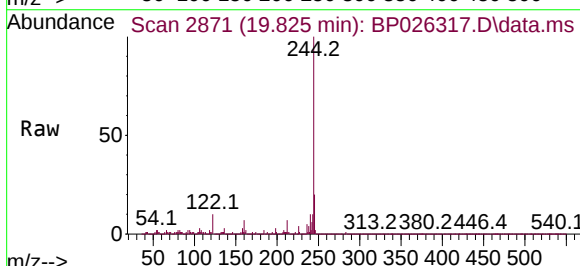
Tgt Ion:244 Resp: 4229987

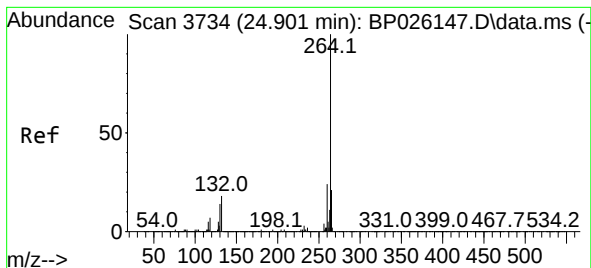
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.6 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.807 min Scan# 31

Delta R.T. -0.094 min

Lab File: BP026317.D

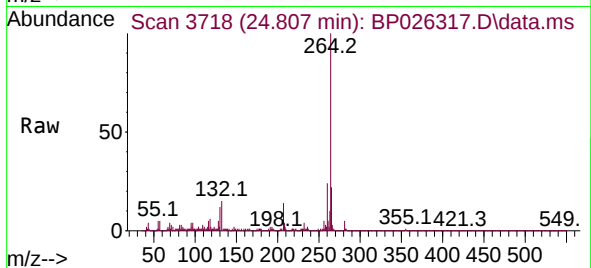
Acq: 12 Dec 2025 19:48

Instrument :

BNA_P

ClientSampleId :

COAN6



Tgt Ion:264 Resp: 1959353

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.4 17.5 26.3

