

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026287.D
 Acq On : 10 Dec 2025 22:41
 Operator : RC/JU
 Sample : Q3826-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Dec 11 03:09:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

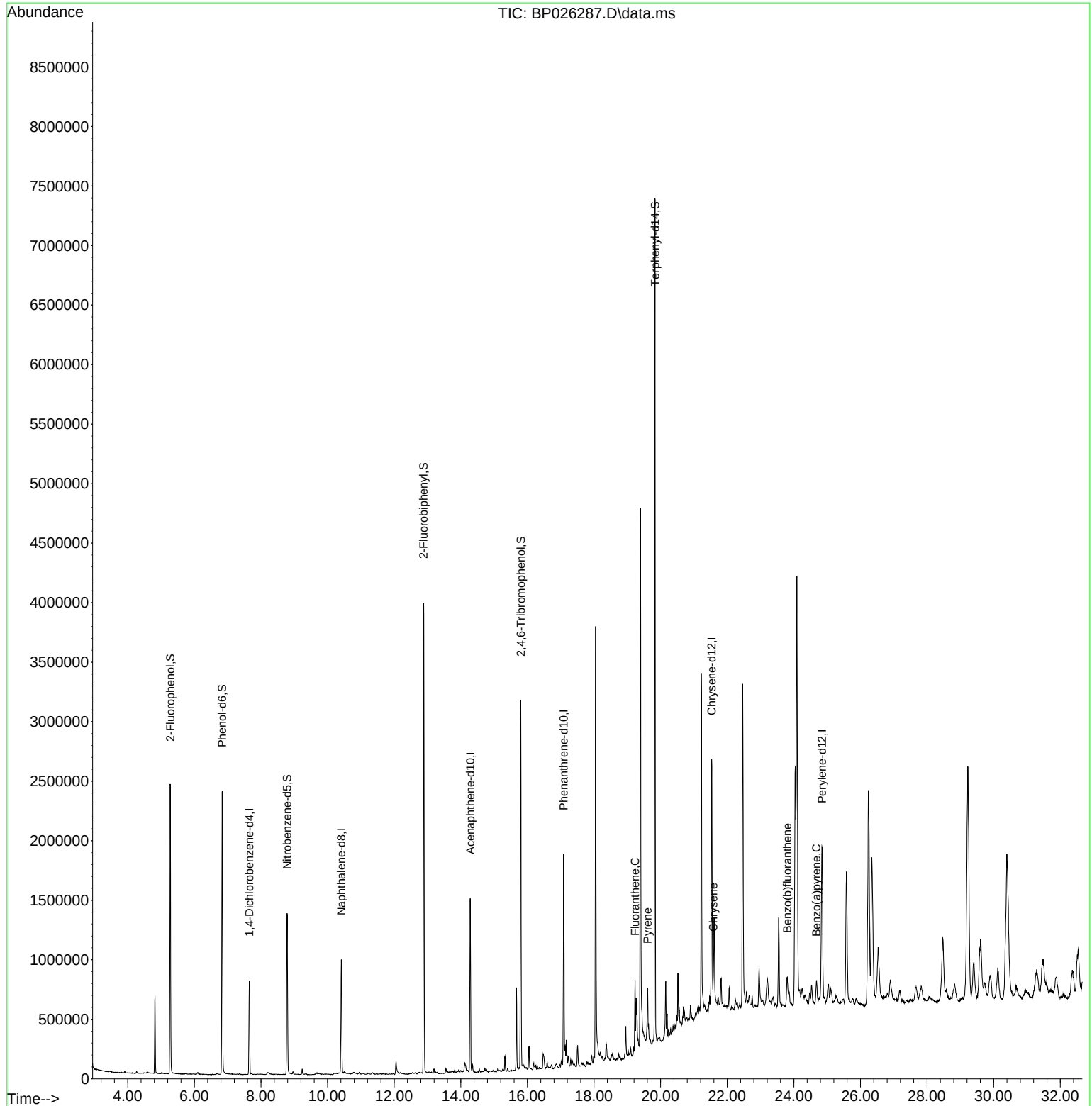
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	218775	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	873547	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	562758	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	1148606	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1270359	20.000	ng	0.00
86) Perylene-d12	24.848	264	1466036	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1149616	84.481	ng	0.00
7) Phenol-d6	6.837	99	1412719	82.244	ng	0.00
23) Nitrobenzene-d5	8.784	82	852189	55.529	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	670355	91.598	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2125934	54.923	ng	-0.02
79) Terphenyl-d14	19.830	244	3278210	52.744	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.230	202	362827	4.604	ng	99
78) Pyrene	19.607	202	326922	3.949	ng	98
83) Chrysene	21.583	228	200351	2.428	ng	97
88) Benzo(b)fluoranthene	23.801	252	272898	3.063	ng	# 94
90) Benzo(a)pyrene	24.677	252	180447	2.136	ng	96

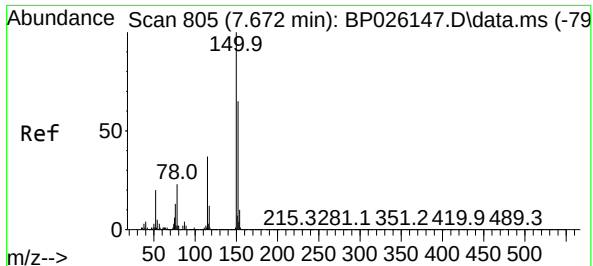
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026287.D
Acq On : 10 Dec 2025 22:41
Operator : RC/JU
Sample : Q3826-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Time: Dec 11 03:09:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

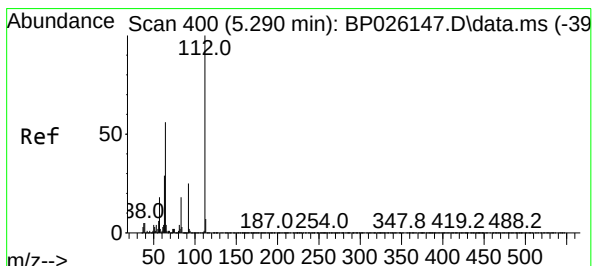
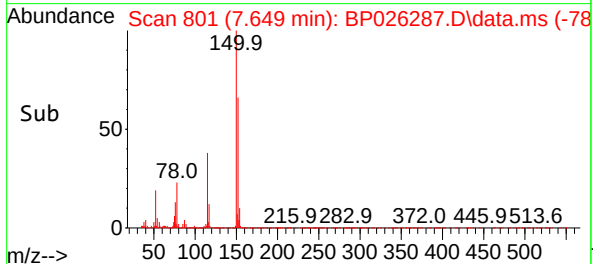
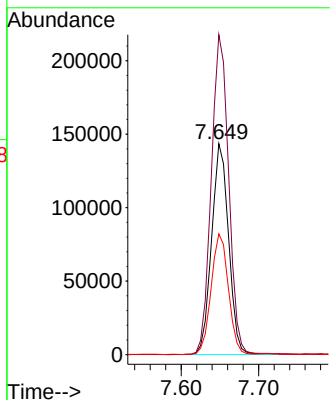
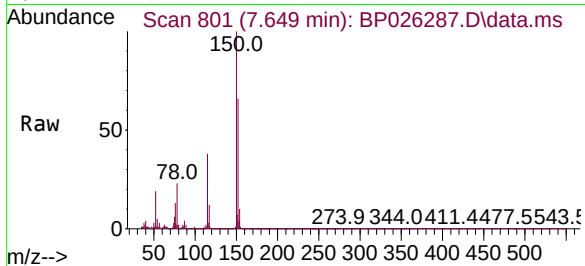




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.649 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BP026287.D
 Acq: 10 Dec 2025 22:41

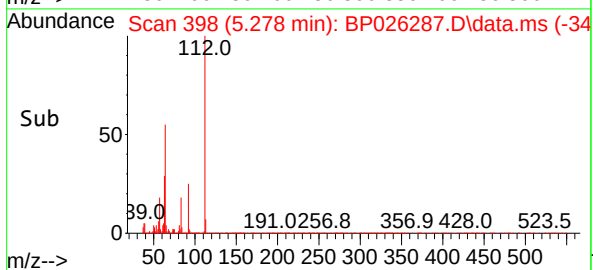
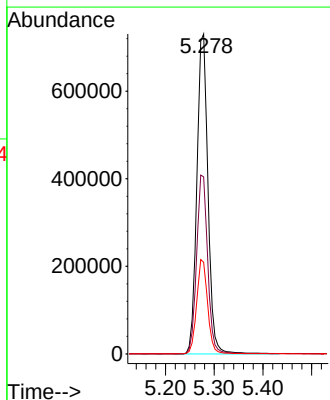
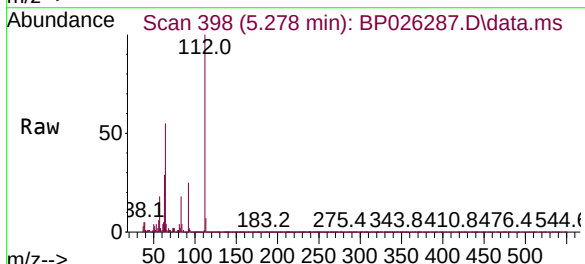
Instrument :
 BNA_P
 ClientSampleId :
 TP-2

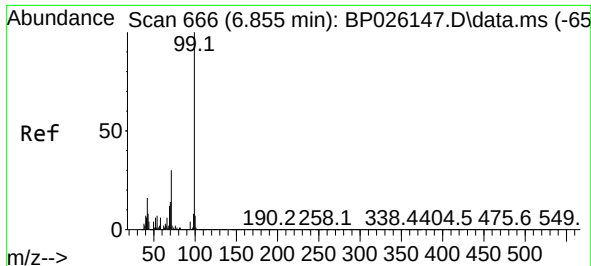
Tgt Ion:152 Resp: 218775
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.0 184.6
 115 57.2 46.3 69.5



#5
 2-Fluorophenol
 Concen: 84.481 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: BP026287.D
 Acq: 10 Dec 2025 22:41

Tgt Ion:112 Resp: 1149616
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.8 68.6
 63 28.6 23.5 35.3

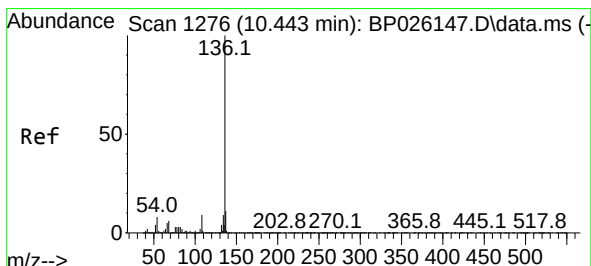
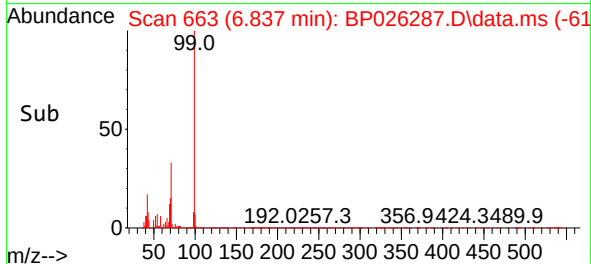
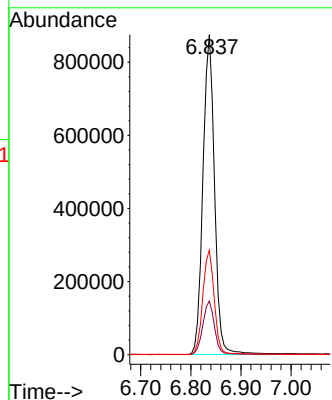
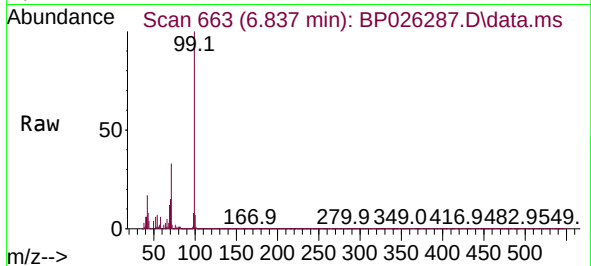




#7
Phenol-d6
Concen: 82.244 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

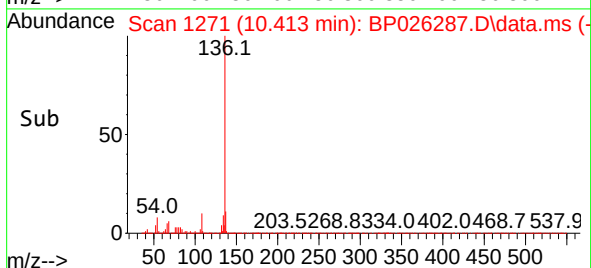
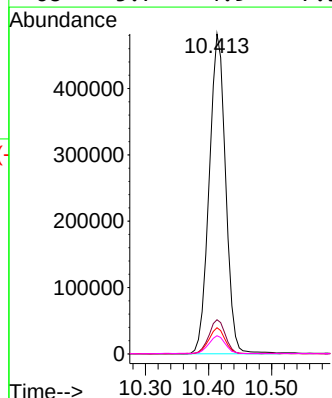
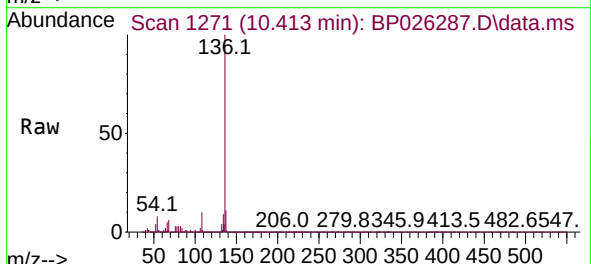
Instrument :
BNA_P
ClientSampleId :
TP-2

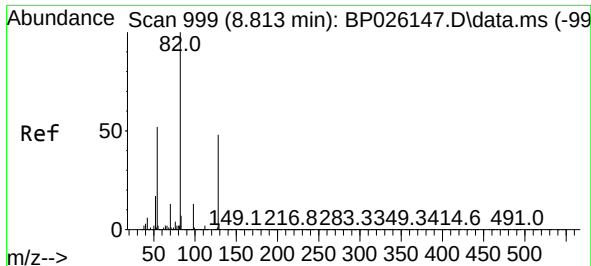
Tgt Ion: 99 Resp: 1412719
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 32.6 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

Tgt Ion: 136 Resp: 873547
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.2 6.4 9.6
68 5.7 4.9 7.3

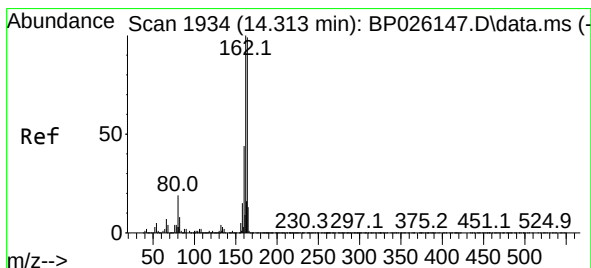
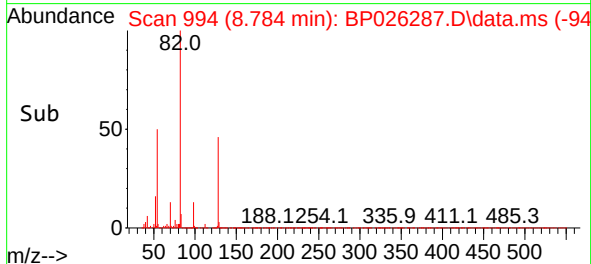
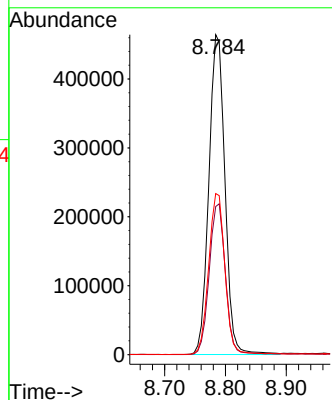
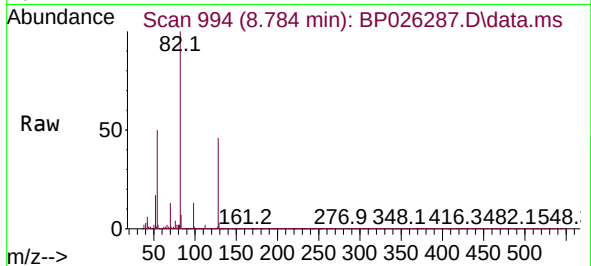




#23
Nitrobenzene-d5
Concen: 55.529 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

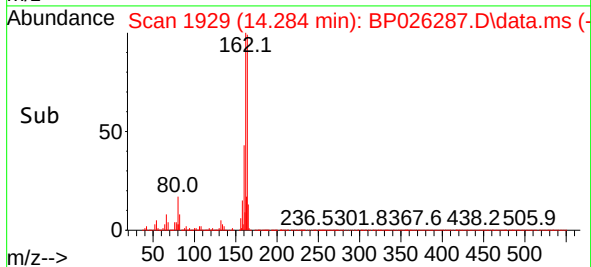
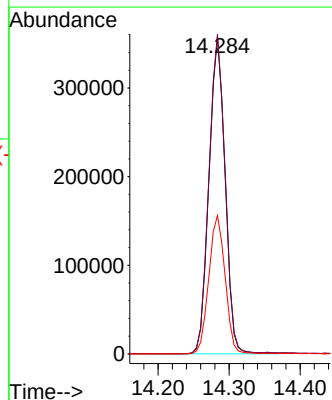
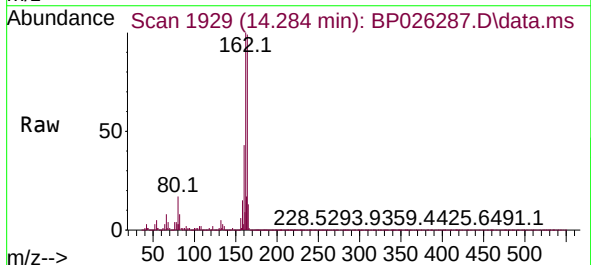
Instrument :
BNA_P
ClientSampleId :
TP-2

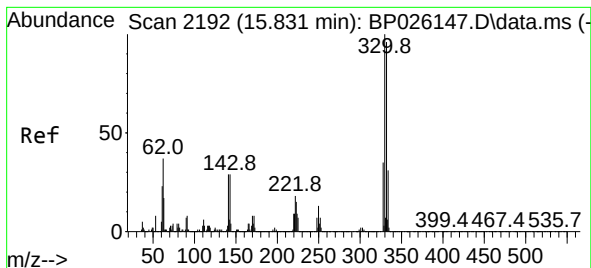
Tgt Ion:	82	Resp:	852189
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.0
54	50.3	41.6	62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

Tgt Ion:	164	Resp:	562758
Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	43.7	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 91.598 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026287.D

Acq: 10 Dec 2025 22:41

Instrument :

BNA_P

ClientSampleId :

TP-2

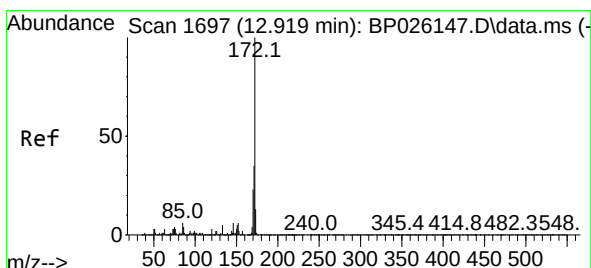
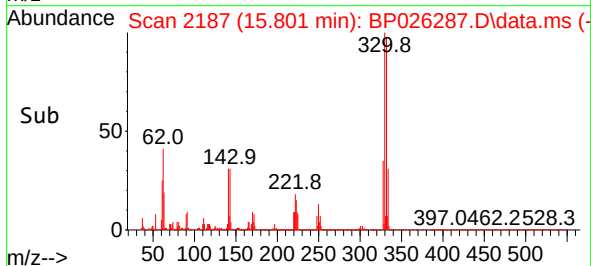
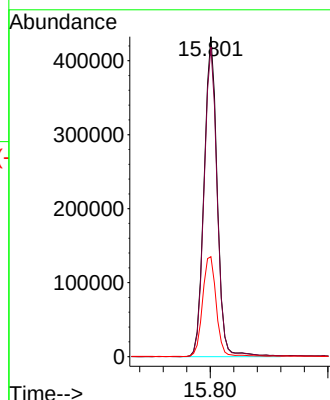
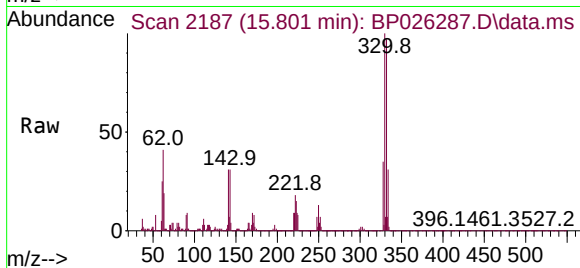
Tgt Ion:330 Resp: 670355

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 32.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 54.923 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BP026287.D

Acq: 10 Dec 2025 22:41

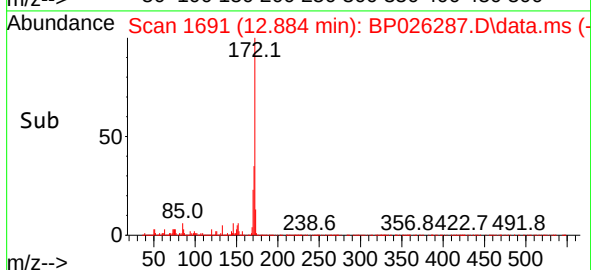
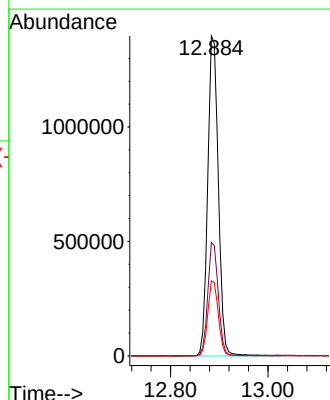
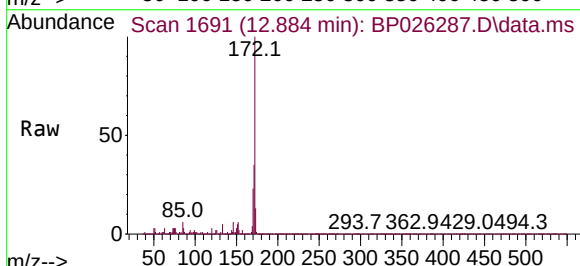
Tgt Ion:172 Resp: 2125934

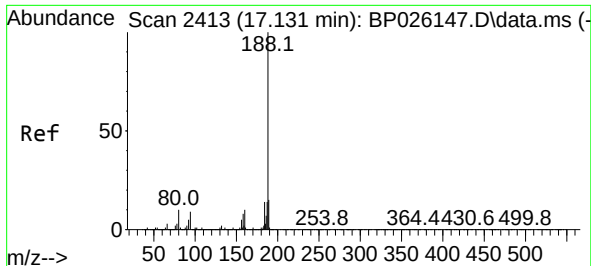
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.7 28.1

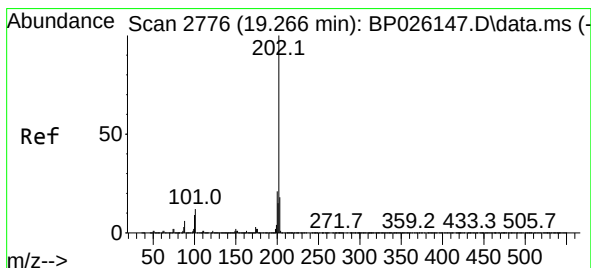
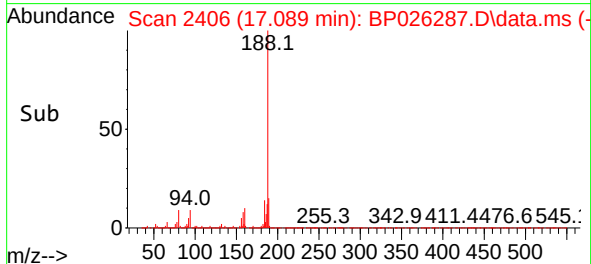
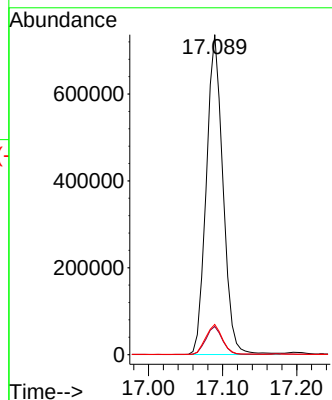
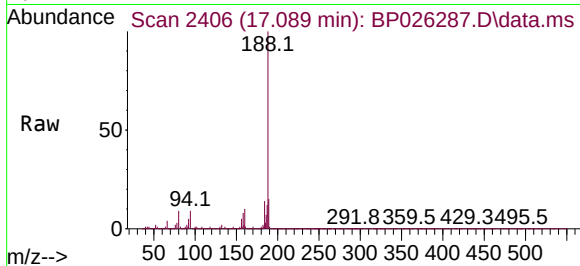




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

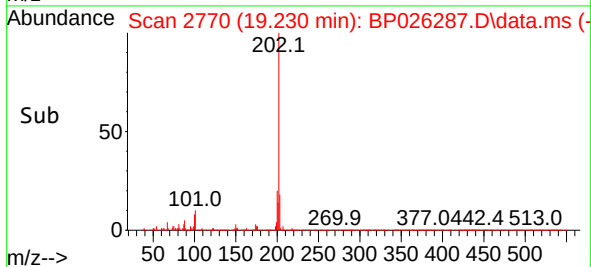
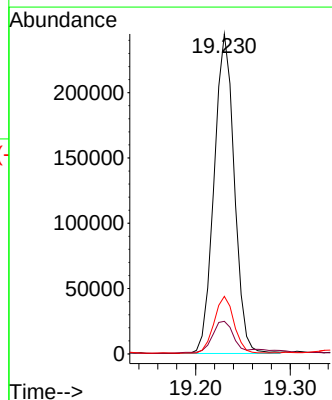
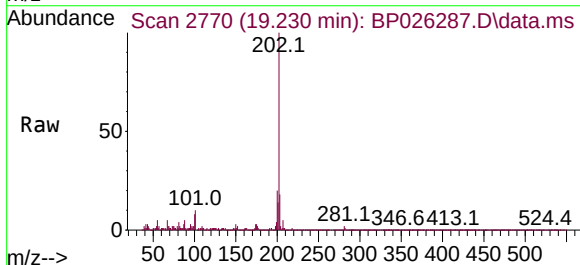
Instrument :
BNA_P
ClientSampleId :
TP-2

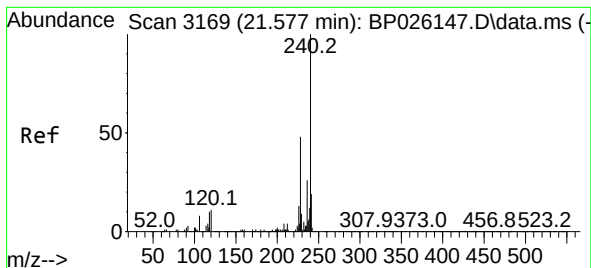
Tgt Ion:188 Resp: 1148606
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.4 8.2 12.2



#75
Fluoranthene
Concen: 4.604 ng
RT: 19.230 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

Tgt Ion:202 Resp: 362827
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 18.0 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026287.D

Acq: 10 Dec 2025 22:41

Instrument :

BNA_P

ClientSampleId :

TP-2

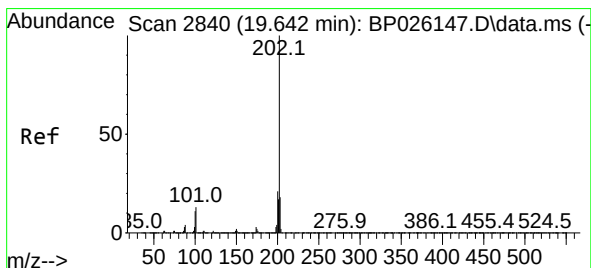
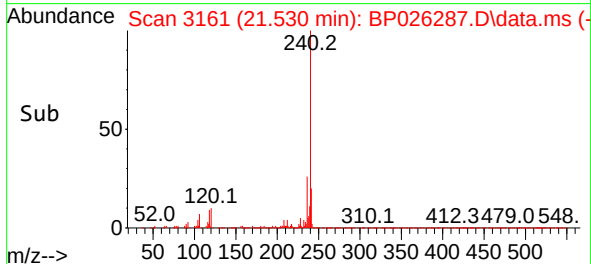
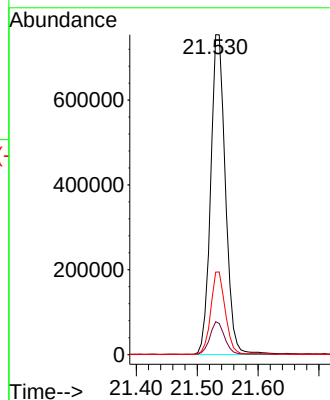
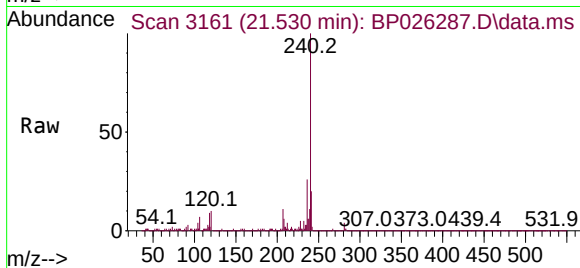
Tgt Ion:240 Resp: 1270359

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 25.8 20.4 30.6



#78

Pyrene

Concen: 3.949 ng

RT: 19.607 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP026287.D

Acq: 10 Dec 2025 22:41

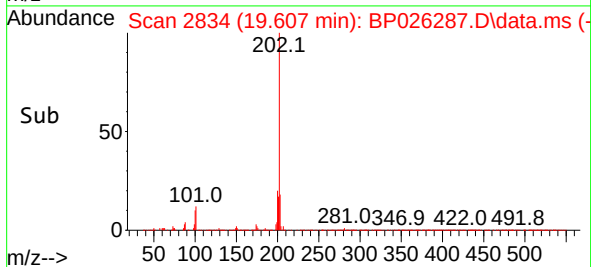
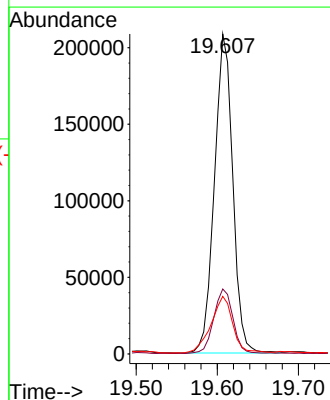
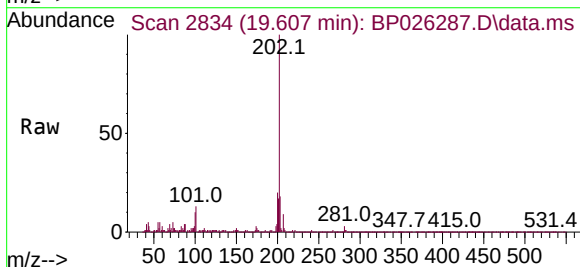
Tgt Ion:202 Resp: 326922

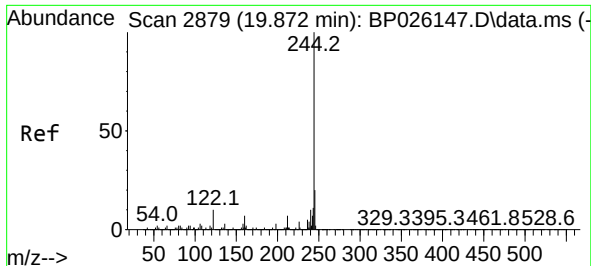
Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

203 18.0 13.8 20.8

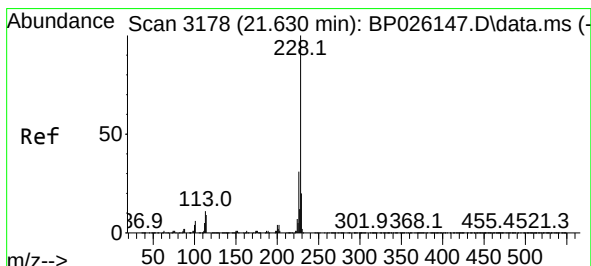
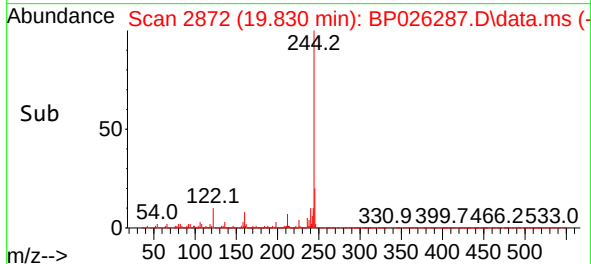
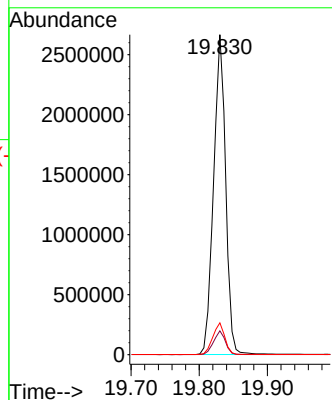
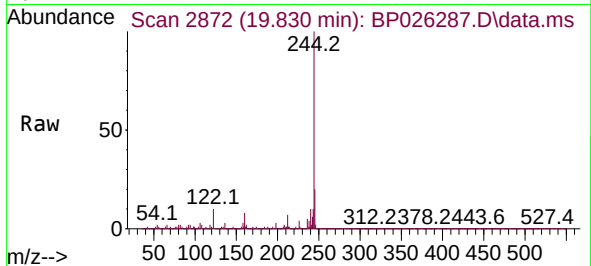




#79
Terphenyl-d14
Concen: 52.744 ng
RT: 19.830 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

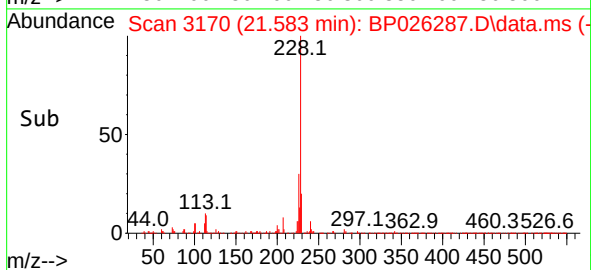
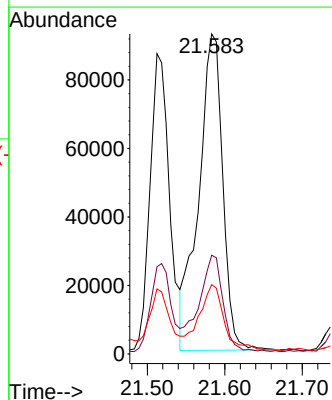
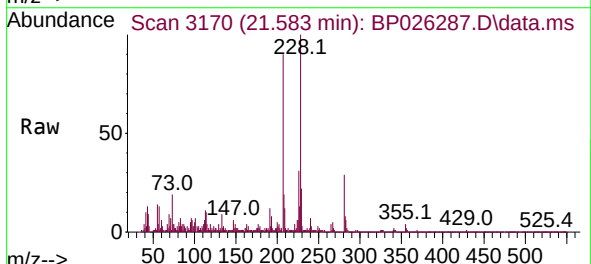
Instrument :
BNA_P
ClientSampleId :
TP-2

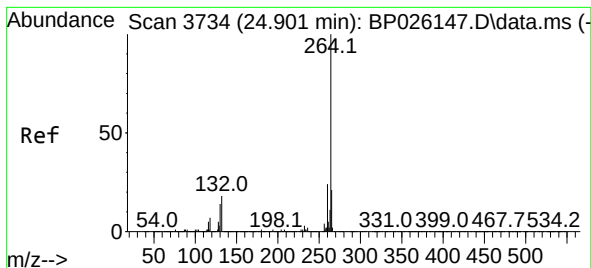
Tgt Ion:244 Resp: 3278210
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.9 8.2 12.2



#83
Chrysene
Concen: 2.428 ng
RT: 21.583 min Scan# 3170
Delta R.T. -0.000 min
Lab File: BP026287.D
Acq: 10 Dec 2025 22:41

Tgt Ion:228 Resp: 200351
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 21.6 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.848 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP026287.D

Acq: 10 Dec 2025 22:41

Instrument :

BNA_P

ClientSampleId :

TP-2

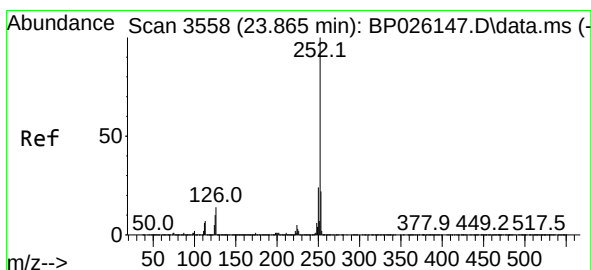
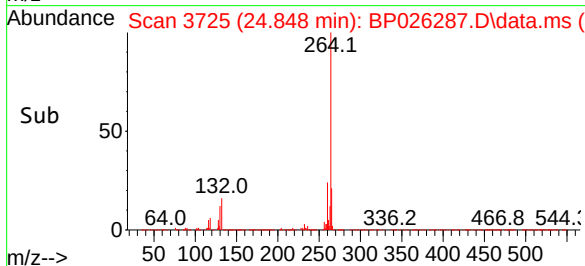
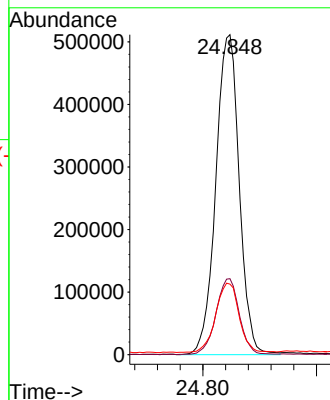
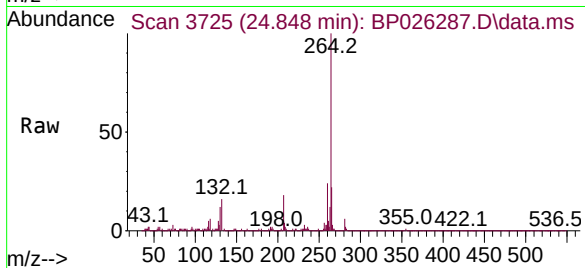
Tgt Ion:264 Resp: 1466036

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.1 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 3.063 ng

RT: 23.801 min Scan# 3547

Delta R.T. 0.006 min

Lab File: BP026287.D

Acq: 10 Dec 2025 22:41

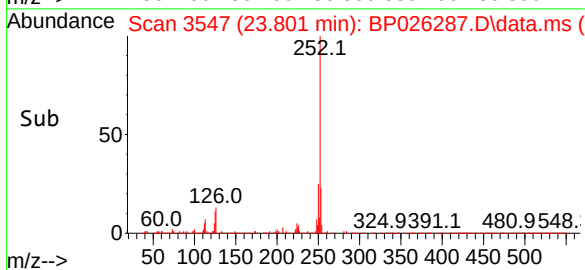
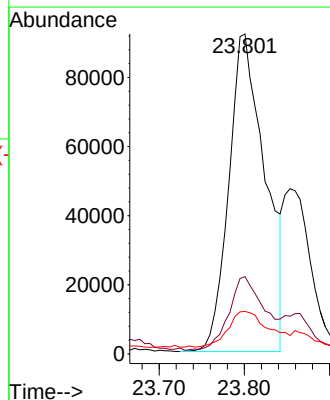
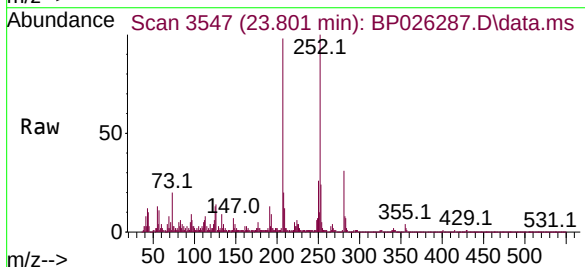
Tgt Ion:252 Resp: 272898

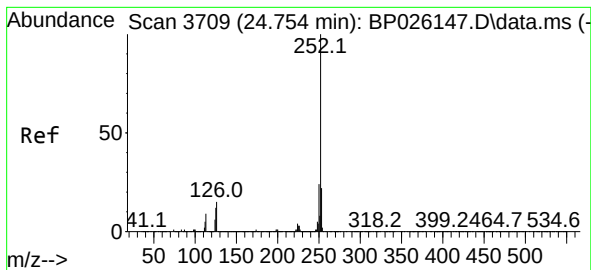
Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 13.3 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 2.136 ng

RT: 24.677 min Scan# 30

Delta R.T. -0.006 min

Lab File: BP026287.D

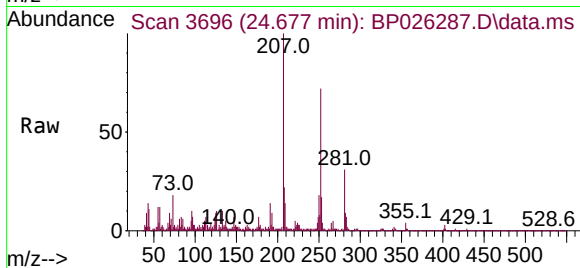
Acq: 10 Dec 2025 22:41

Instrument :

BNA_P

ClientSampleId :

TP-2



Tgt Ion:252 Resp: 180447

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 12.5 9.0 13.6

