

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026301.D
 Acq On : 11 Dec 2025 20:41
 Operator : RC/JU
 Sample : Q3834-29
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B127(5.5-8)120925

Quant Time: Dec 11 23:42:49 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	211118	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	836754	20.000	ng	#-0.01
39) Acenaphthene-d10	14.272	164	544006	20.000	ng	-0.02
64) Phenanthrene-d10	17.078	188	1093121	20.000	ng	-0.02
76) Chrysene-d12	21.530	240	1247446	20.000	ng	0.00
86) Perylene-d12	24.824	264	1484631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	830552	63.247	ng	0.00
7) Phenol-d6	6.831	99	965993	58.277	ng	0.00
23) Nitrobenzene-d5	8.784	82	583054	39.662	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	452404	63.947	ng	-0.02
45) 2-Fluorobiphenyl	12.884	172	1360490	36.360	ng	-0.02
79) Terphenyl-d14	19.830	244	2170533	35.564	ng	0.00

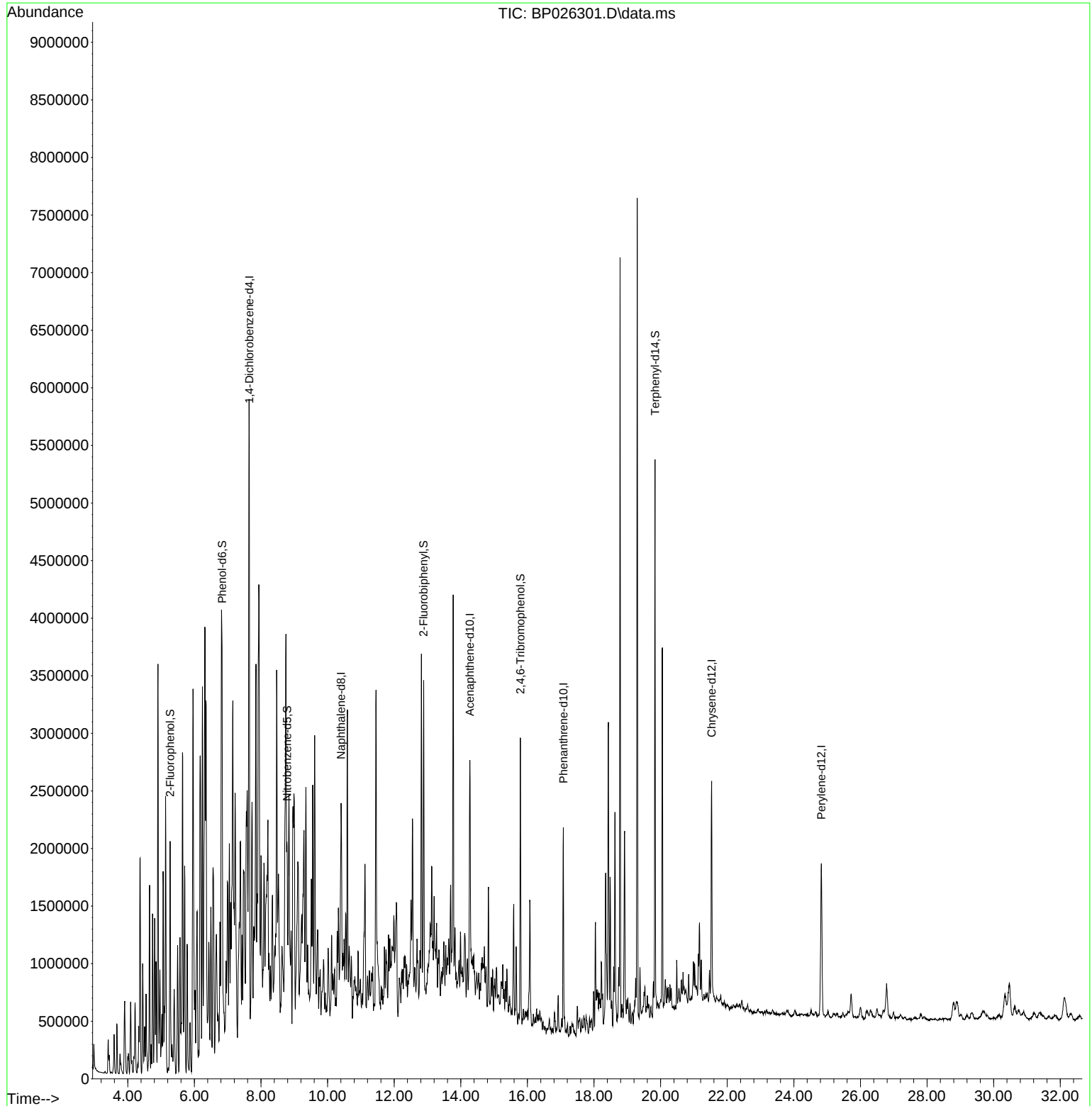
Target Compounds	Qvalue

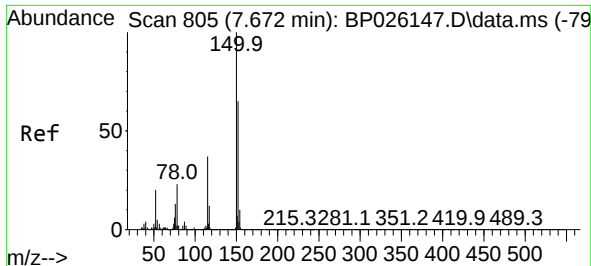
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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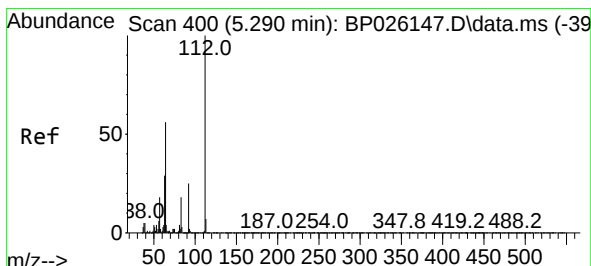
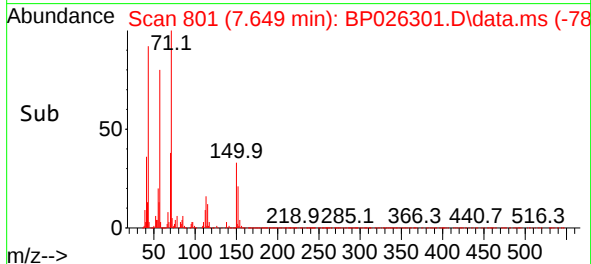
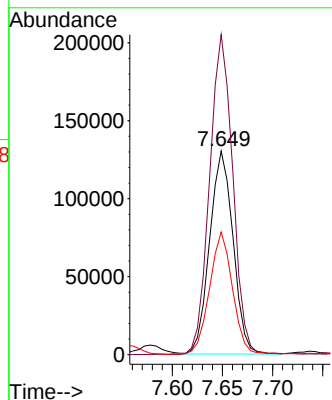
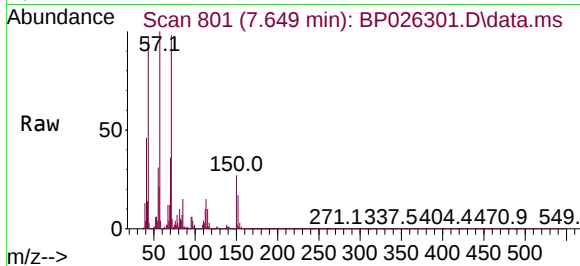




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

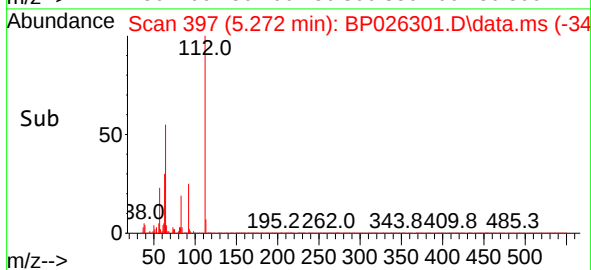
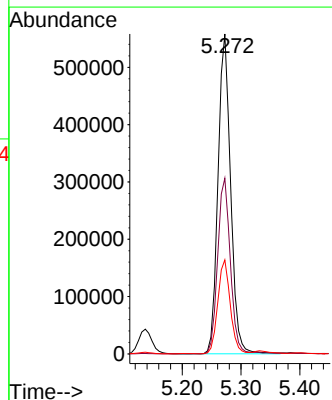
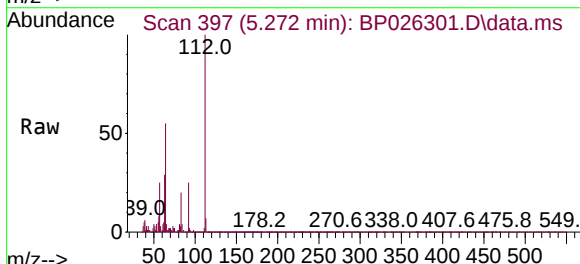
Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

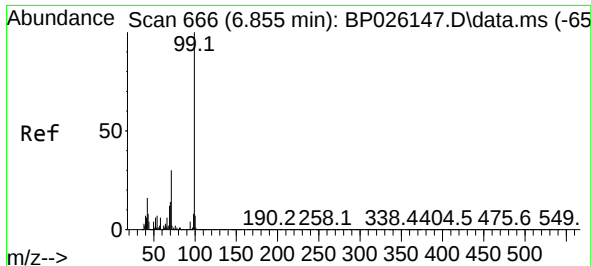
Tgt Ion:152 Resp: 211118
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.6
115 60.2 46.3 69.5



#5
2-Fluorophenol
Concen: 63.247 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:112 Resp: 830552
Ion Ratio Lower Upper
112 100
64 54.9 45.8 68.6
63 29.4 23.5 35.3

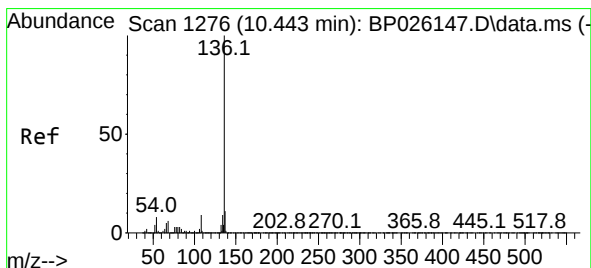
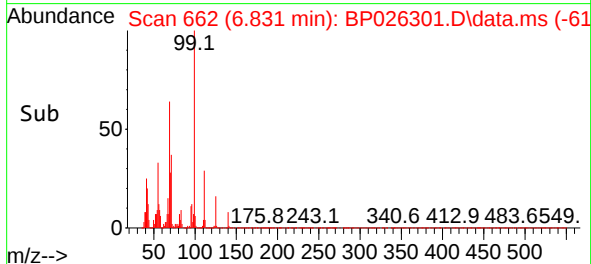
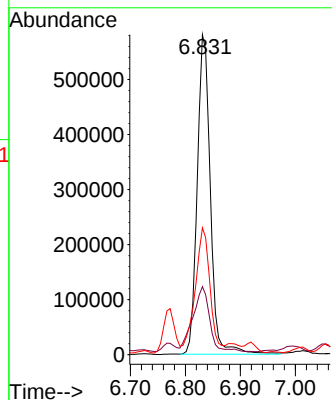
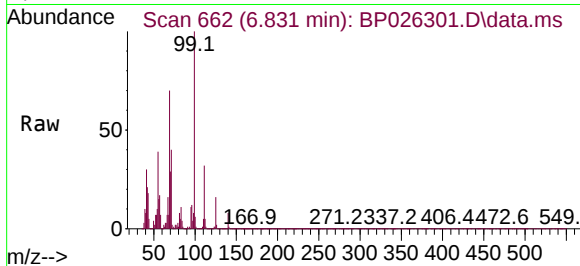




#7
Phenol-d6
Concen: 58.277 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

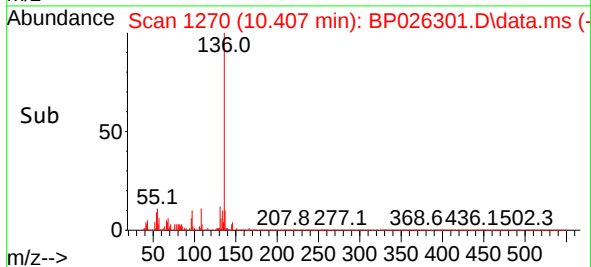
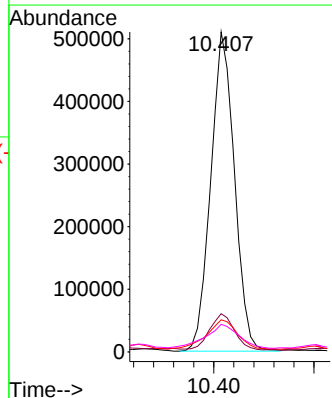
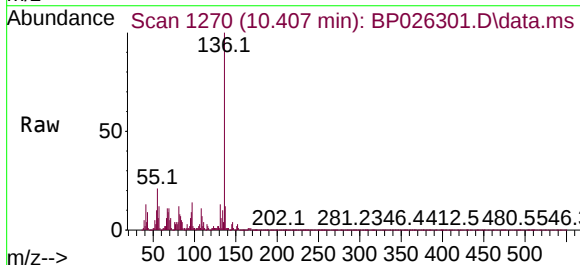
Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

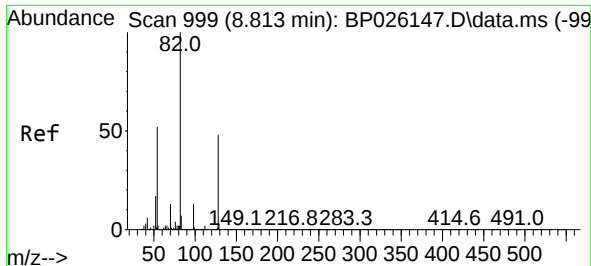
Tgt Ion: 99 Resp: 965993
Ion Ratio Lower Upper
99 100
42 21.2 12.9 19.3#
71 39.7 24.8 37.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion: 136 Resp: 836754
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 10.0 6.4 9.6#
68 8.6 4.9 7.3#

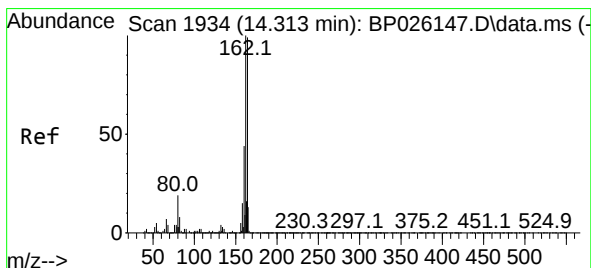
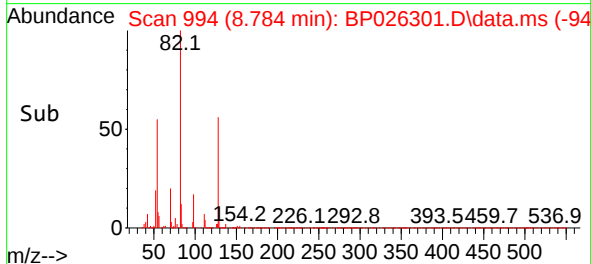
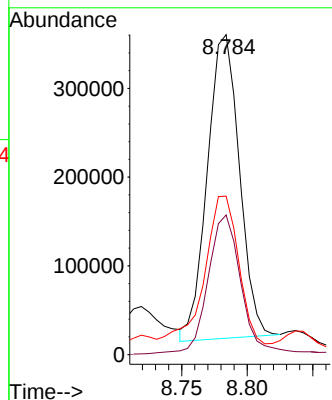
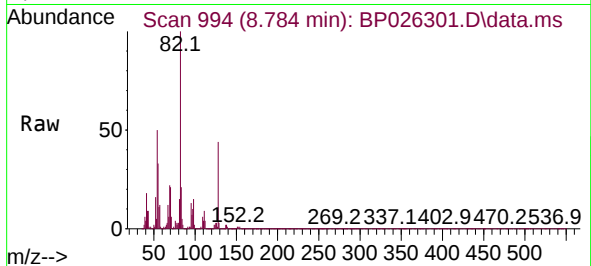




#23
Nitrobenzene-d5
Concen: 39.662 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

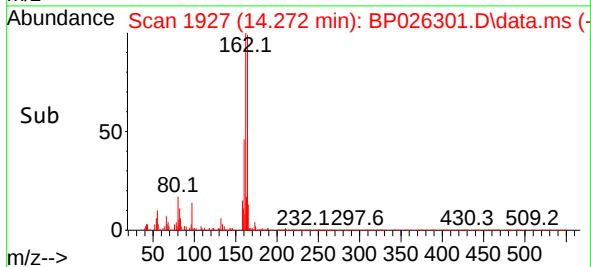
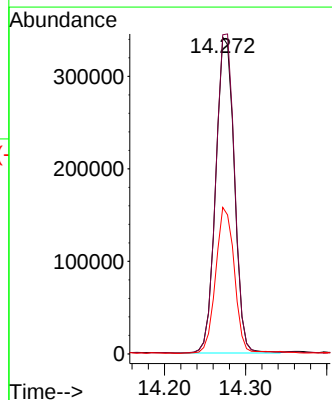
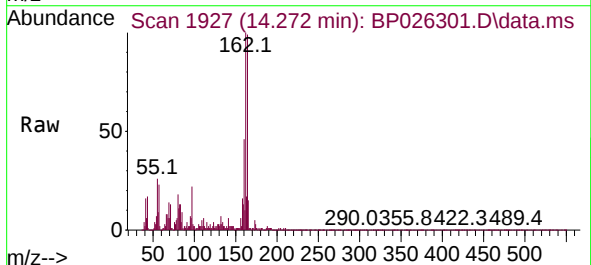
Instrument :
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ClientSampleId :
B127(5.5-8)120925

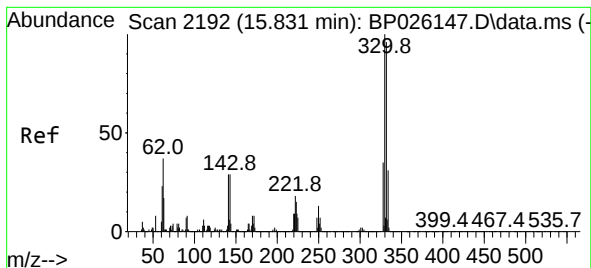
Tgt Ion: 82 Resp: 583054
Ion Ratio Lower Upper
82 100
128 43.6 37.4 56.0
54 49.5 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:164 Resp: 544006
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 46.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 63.947 ng

RT: 15.789 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP026301.D

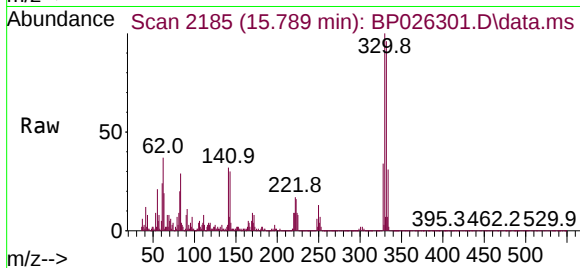
Acq: 11 Dec 2025 20:41

Instrument :

BNA_P

ClientSampleId :

B127(5.5-8)120925



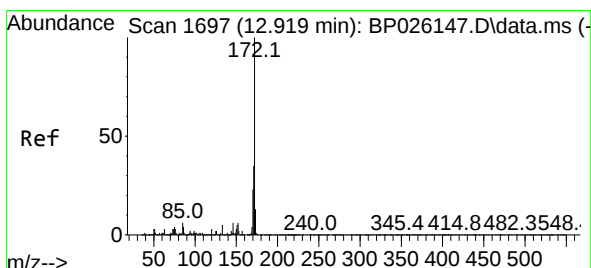
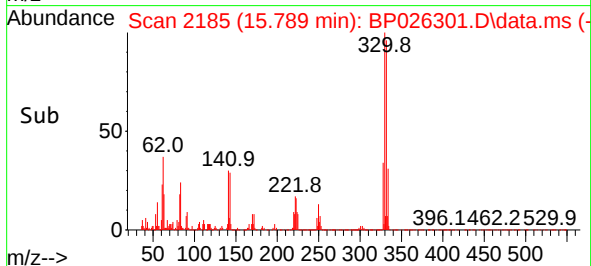
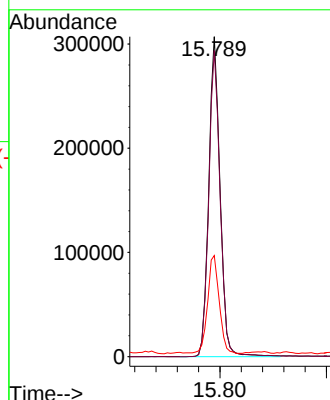
Tgt Ion:330 Resp: 452404

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 31.3 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 36.360 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

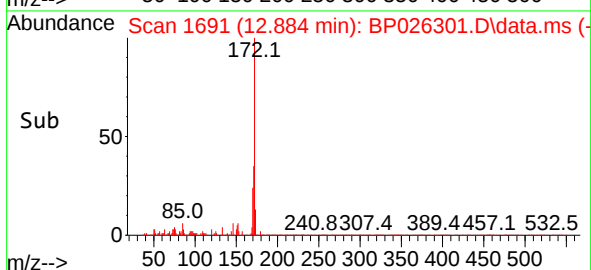
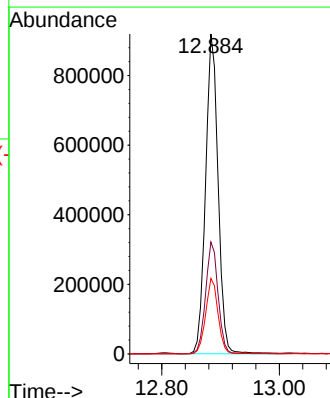
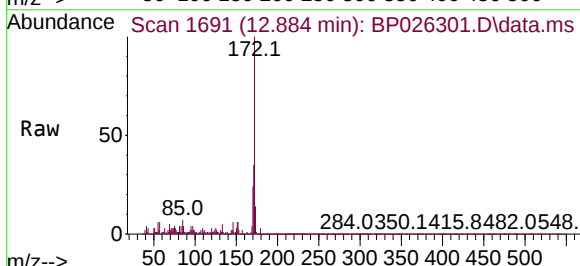
Tgt Ion:172 Resp: 1360490

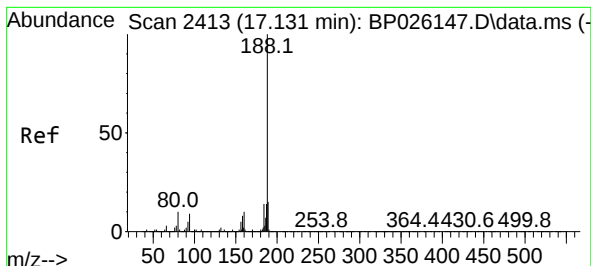
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.078 min Scan# 2413

Delta R.T. -0.018 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

Instrument :

BNA_P

ClientSampleId :

B127(5.5-8)120925

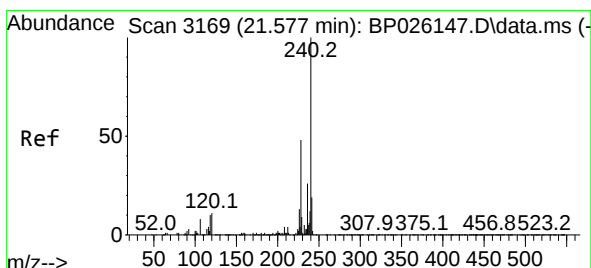
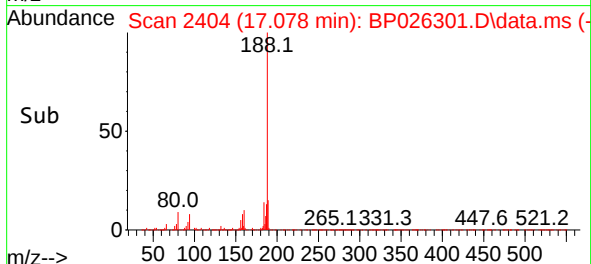
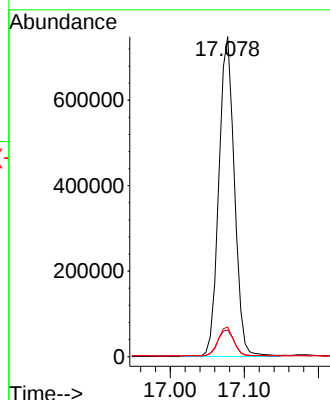
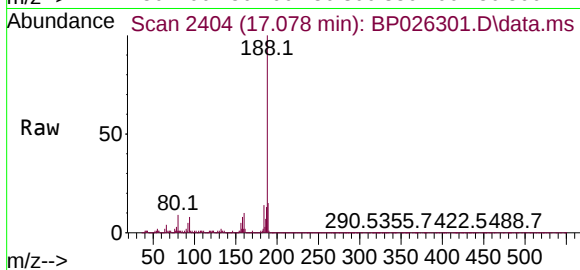
Tgt Ion:188 Resp: 1093121

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

80 9.2 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

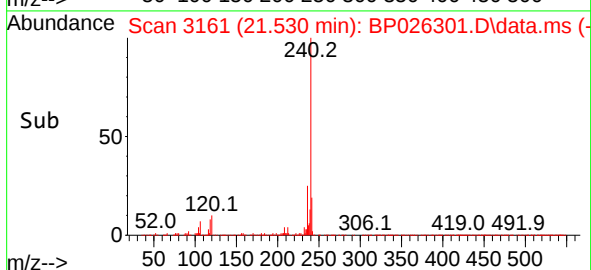
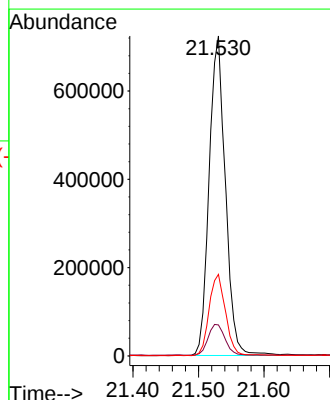
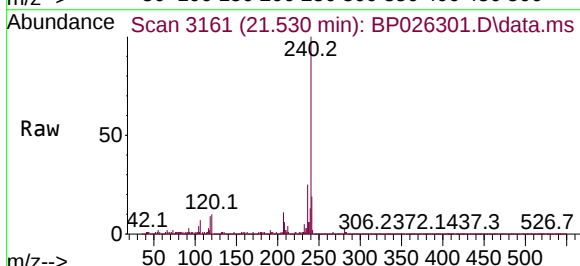
Tgt Ion:240 Resp: 1247446

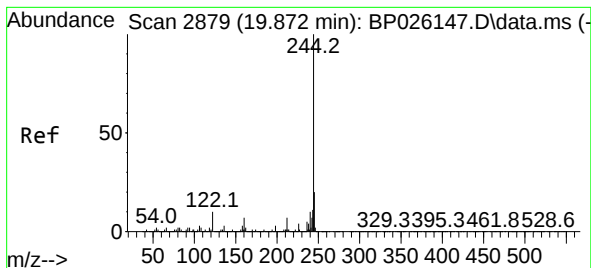
Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.4

236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 35.564 ng

RT: 19.830 min Scan# 2872

Delta R.T. -0.006 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

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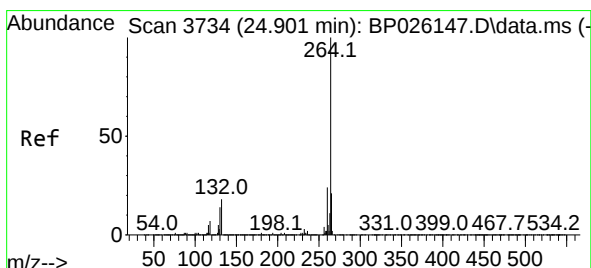
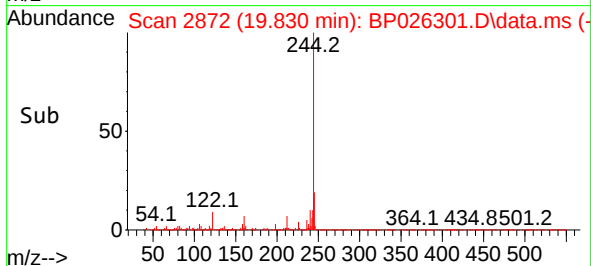
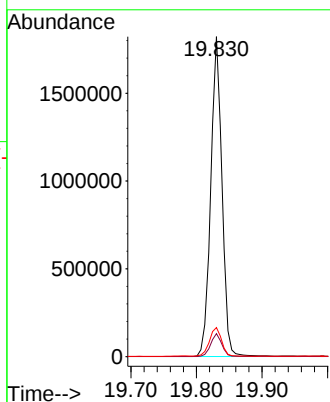
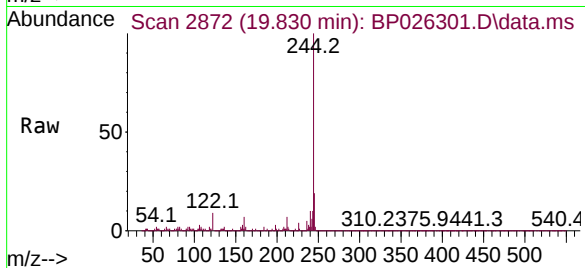
Tgt Ion:244 Resp: 2170533

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.000 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

Tgt Ion:264 Resp: 1484631

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.7 17.5 26.3

