

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026091.D
 Acq On : 11 Nov 2025 15:25
 Operator : RC/JU
 Sample : PB170478BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170478BL

Quant Time: Nov 11 16:02:26 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	7.672	152	298414	20.000	ng	-0.02
21) Naphthalene-d8	10.449	136	1159025	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	755777	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1736835	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1947604	20.000	ng	0.02
86) Perylene-d12	24.924	264	2128781	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2325081	128.567	ng	0.00
7) Phenol-d6	6.849	99	2862452	124.356	ng	0.00
23) Nitrobenzene-d5	8.813	82	1646904	88.581	ng	-0.01
42) 2,4,6-Tribromophenol	15.837	330	1341733	164.213	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4225245	80.333	ng	0.00
79) Terphenyl-d14	19.878	244	7979061	83.235	ng	0.01

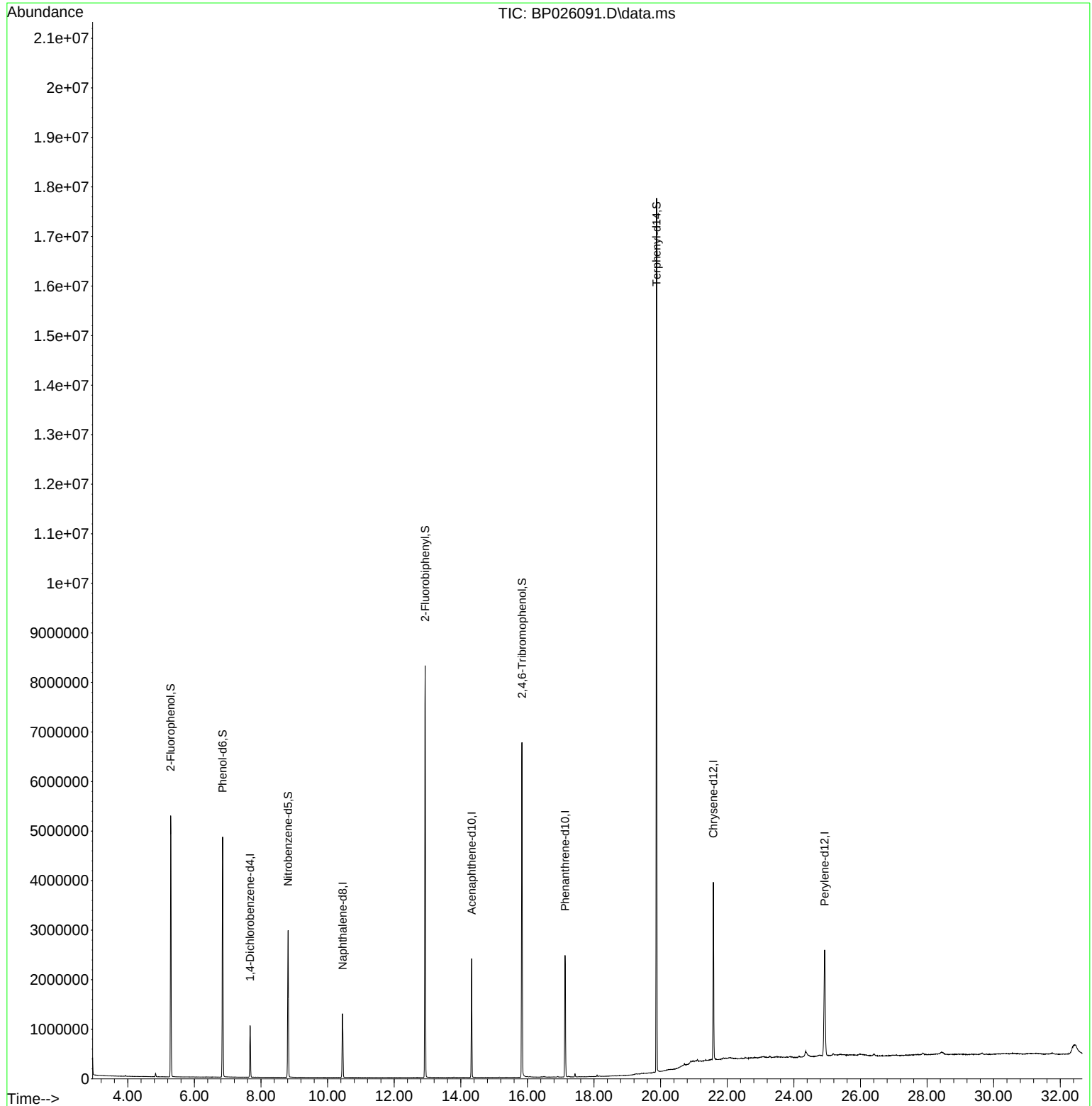
Target Compounds	Qvalue

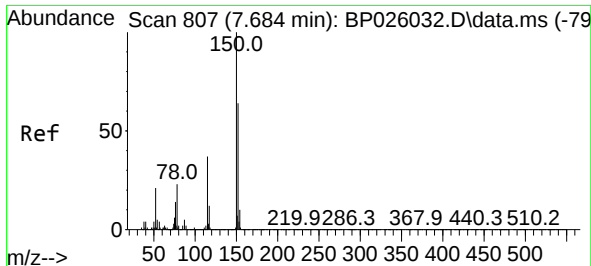
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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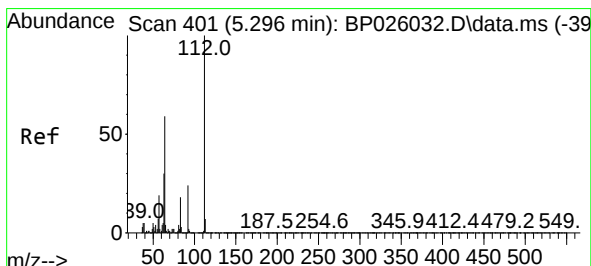
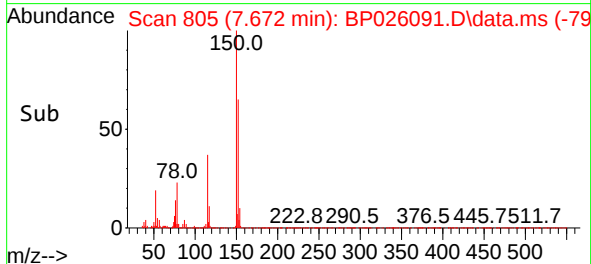
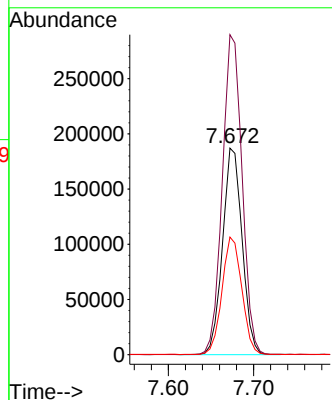
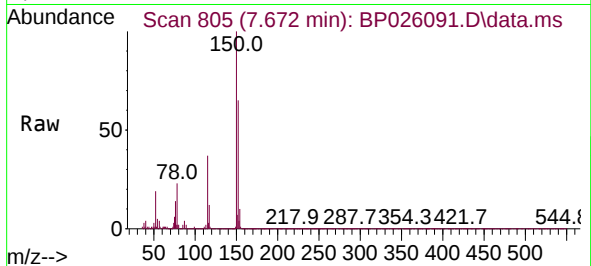




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

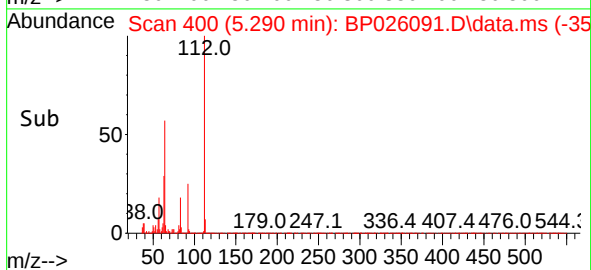
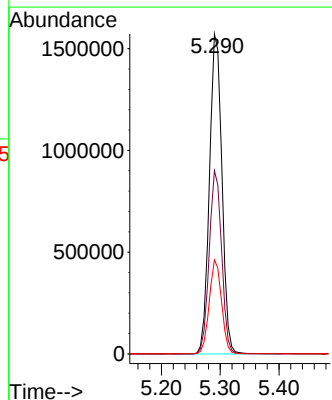
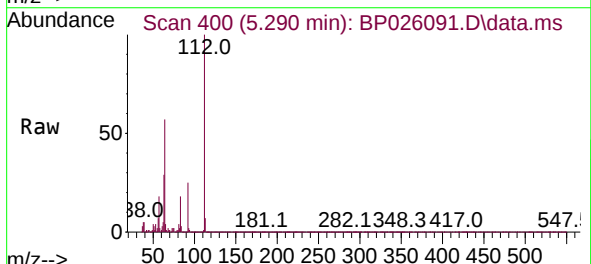
Instrument :
BNA_P
ClientSampleId :
PB170478BL

Tgt Ion:152 Resp: 298414
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 56.9 46.4 69.6



#5
2-Fluorophenol
Concen: 128.567 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:112 Resp: 2325081
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.2
63 29.4 24.2 36.4

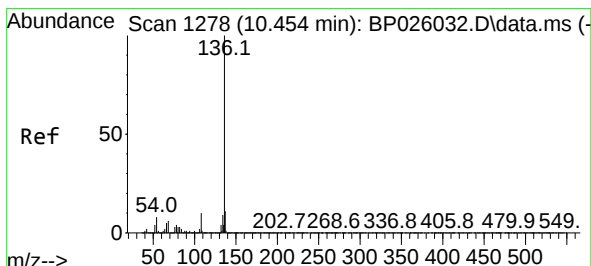
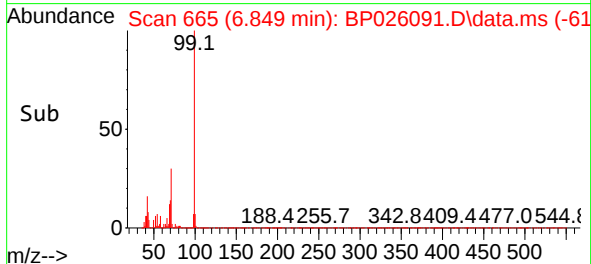
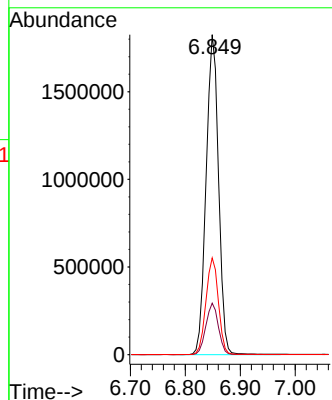
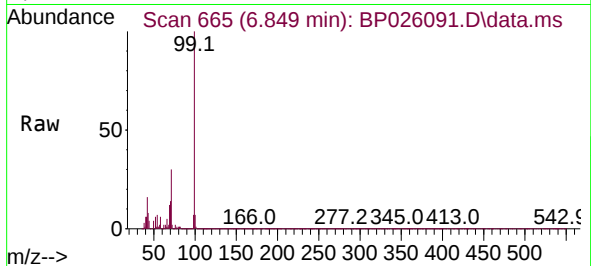




#7
Phenol-d6
Concen: 124.356 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

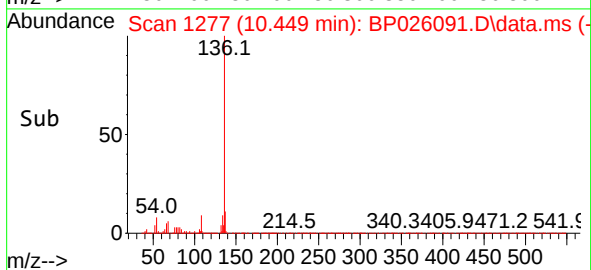
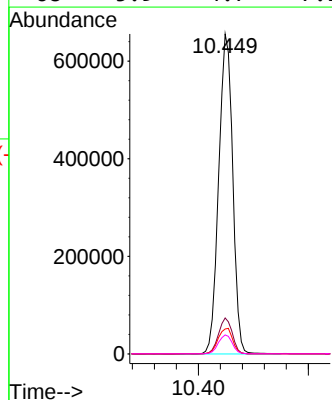
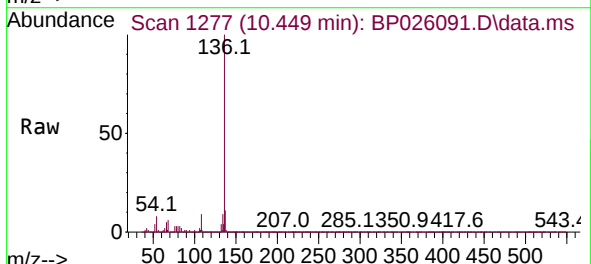
Instrument :
BNA_P
ClientSampleId :
PB170478BL

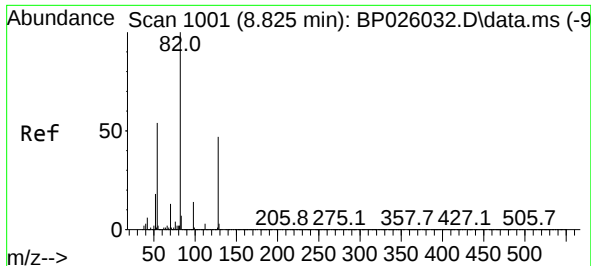
Tgt Ion: 99 Resp: 2862452
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.2 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:136 Resp: 1159025
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 6.6 10.0
68 5.9 4.7 7.1

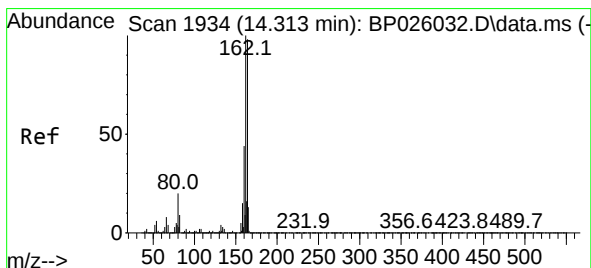
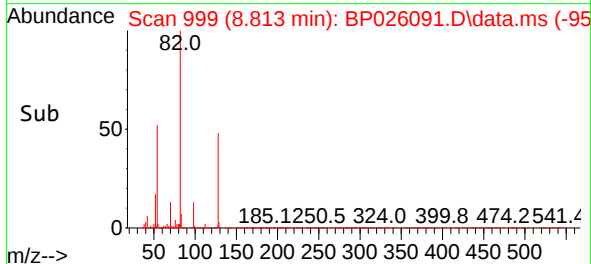
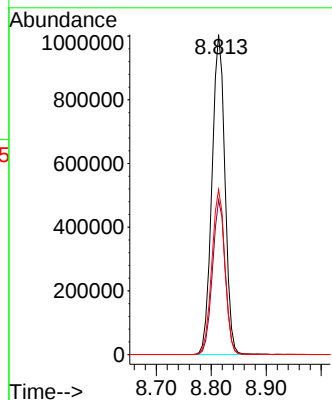
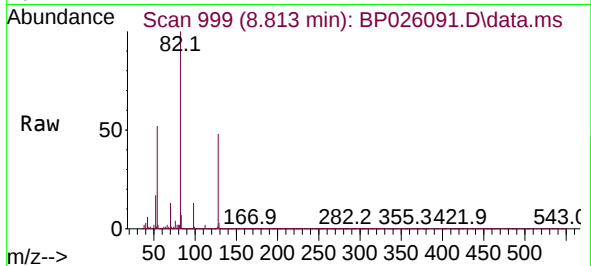




#23
Nitrobenzene-d5
Concen: 88.581 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

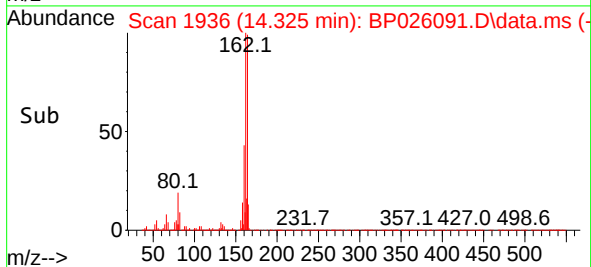
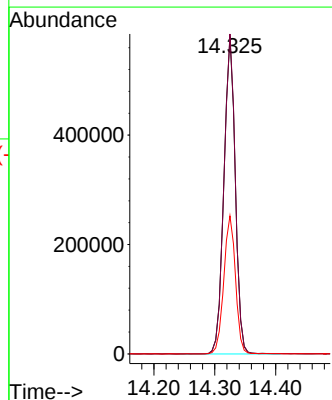
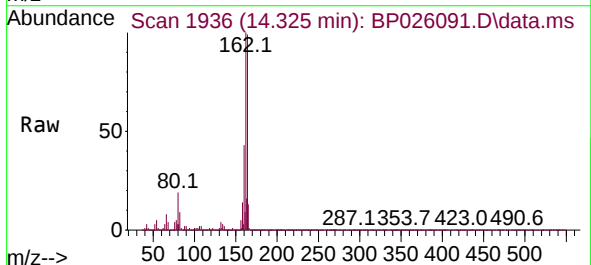
Instrument :
BNA_P
ClientSampleId :
PB170478BL

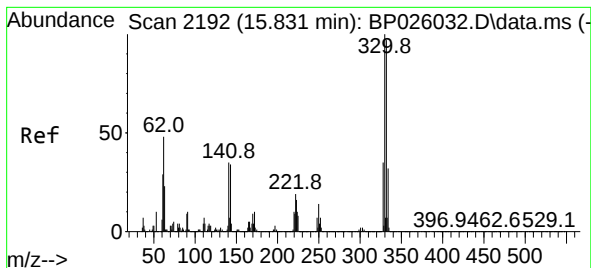
Tgt Ion: 82 Resp: 1646904
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.0
54 51.6 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:164 Resp: 755777
Ion Ratio Lower Upper
164 100
162 100.8 81.5 122.3
160 43.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 164.213 ng

RT: 15.837 min Scan# 2192

Delta R.T. 0.006 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

Instrument :

BNA_P

ClientSampleId :

PB170478BL

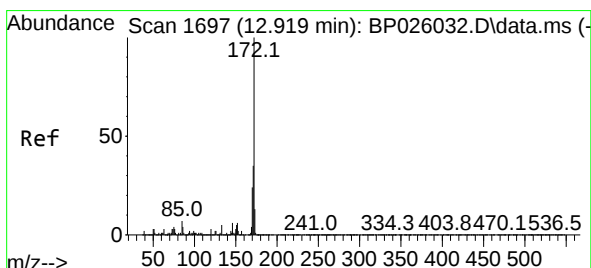
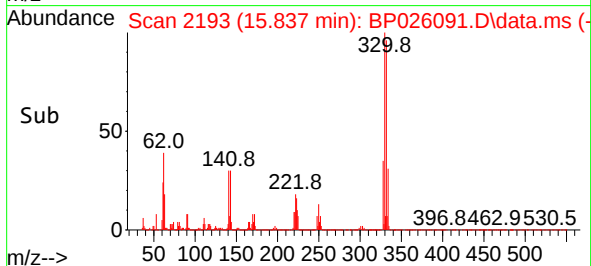
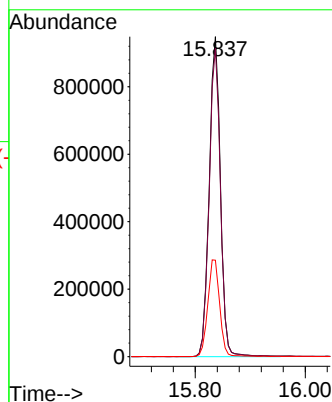
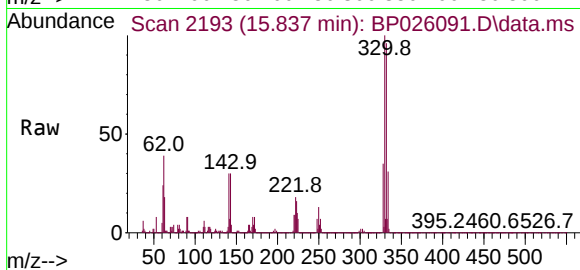
Tgt Ion:330 Resp: 1341733

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 32.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 80.333 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

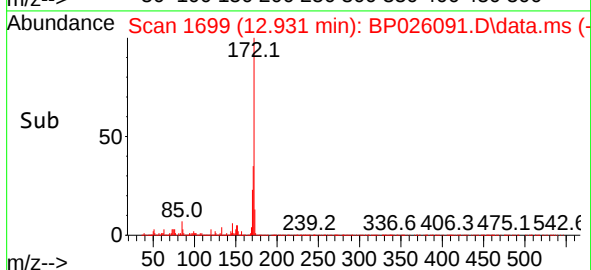
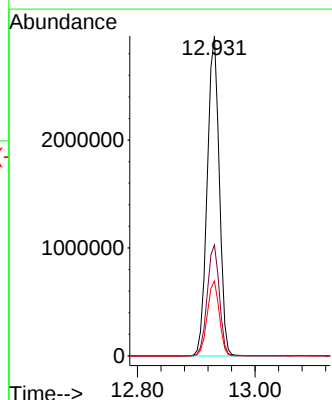
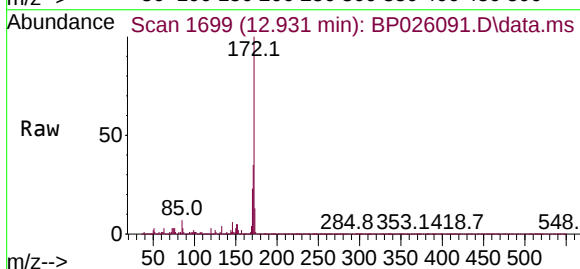
Tgt Ion:172 Resp: 4225245

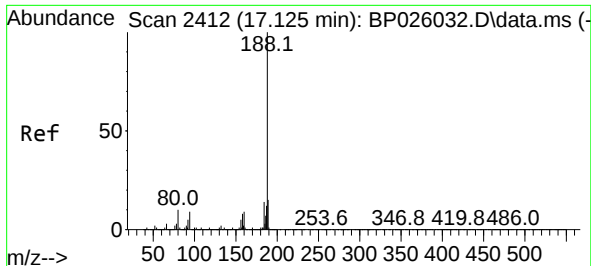
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.5 19.0 28.4

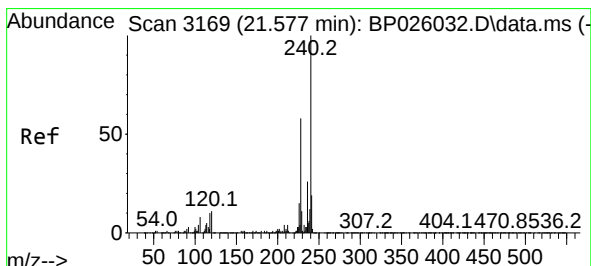
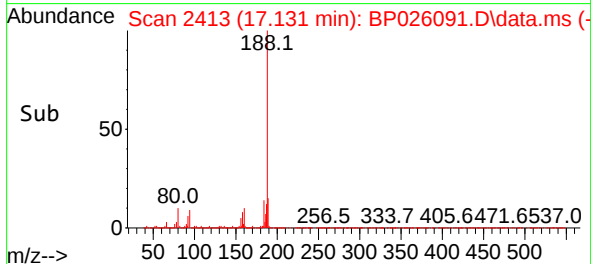
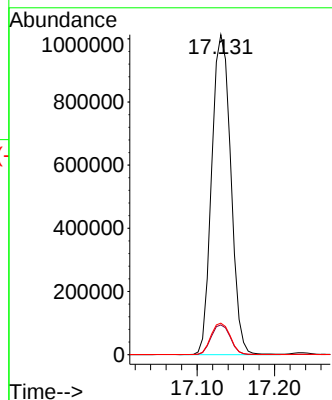
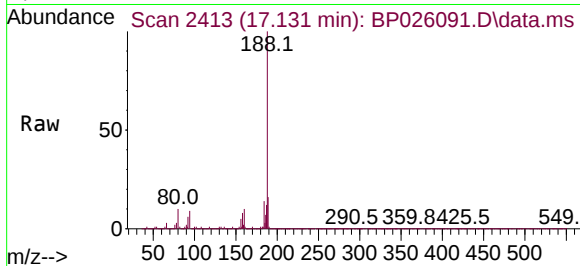




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

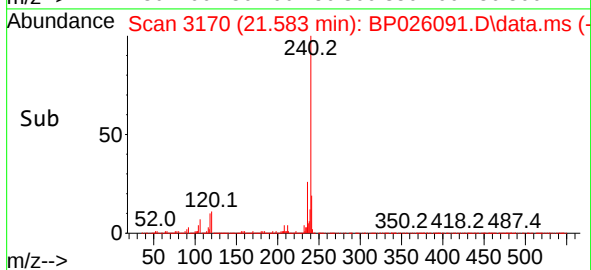
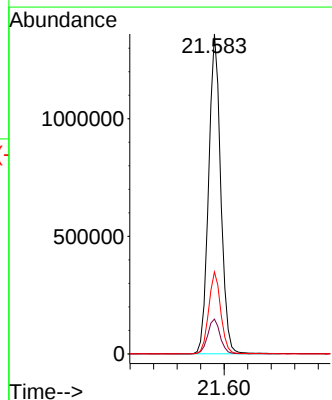
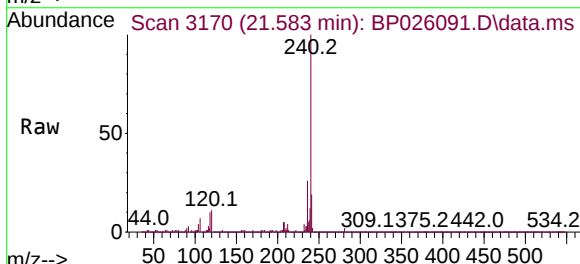
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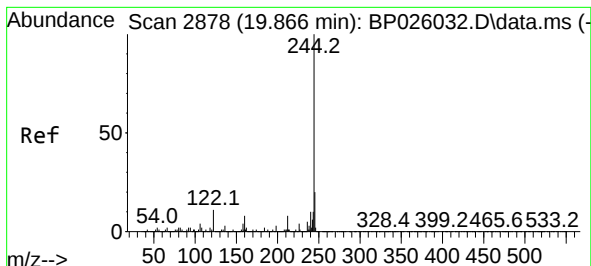
Tgt Ion:188 Resp: 1736835
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026091.D
Acq: 11 Nov 2025 15:25

Tgt Ion:240 Resp: 1947604
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 83.235 ng

RT: 19.878 min Scan# 2878

Delta R.T. 0.012 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

Instrument :

BNA_P

ClientSampleId :

PB170478BL

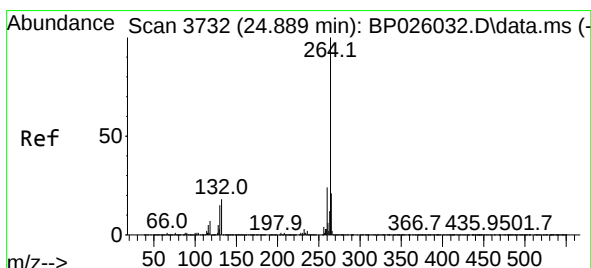
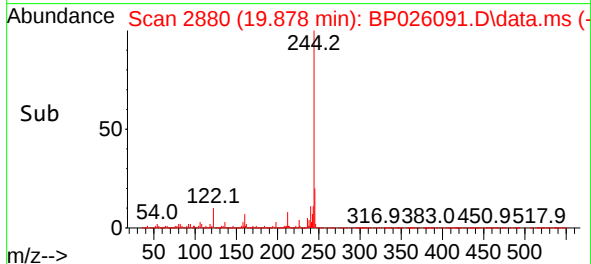
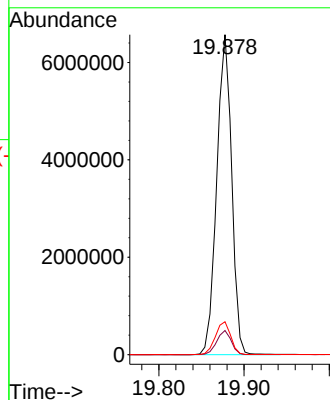
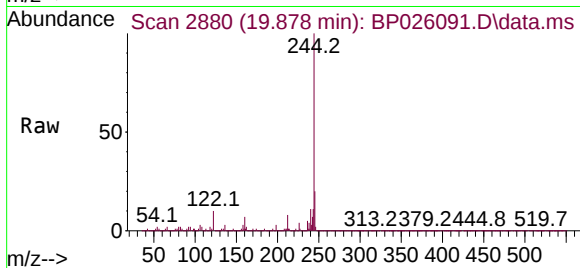
Tgt Ion:244 Resp: 7979061

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.3 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 3738

Delta R.T. 0.041 min

Lab File: BP026091.D

Acq: 11 Nov 2025 15:25

Tgt Ion:264 Resp: 2128781

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 22.1 17.2 25.8

