

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
 Data File : BP026191.D
 Acq On : 26 Nov 2025 15:07
 Operator : RC/JU
 Sample : PB170598BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170598BL

Quant Time: Nov 26 18:02:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	227793	20.000	ng	-0.05
21) Naphthalene-d8	10.402	136	853682	20.000	ng	-0.05
39) Acenaphthene-d10	14.284	164	541622	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1092236	20.000	ng	-0.04
76) Chrysene-d12	21.560	240	1273726	20.000	ng	-0.01
86) Perylene-d12	24.866	264	1461529	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1851794	130.482	ng	-0.05
7) Phenol-d6	6.796	99	2211861	122.423	ng	-0.06
23) Nitrobenzene-d5	8.761	82	1259155	83.782	ng	-0.05
42) 2,4,6-Tribromophenol	15.801	330	970296	138.098	ng	-0.04
45) 2-Fluorobiphenyl	12.884	172	3301006	89.323	ng	-0.05
79) Terphenyl-d14	19.848	244	5860862	93.824	ng	-0.02

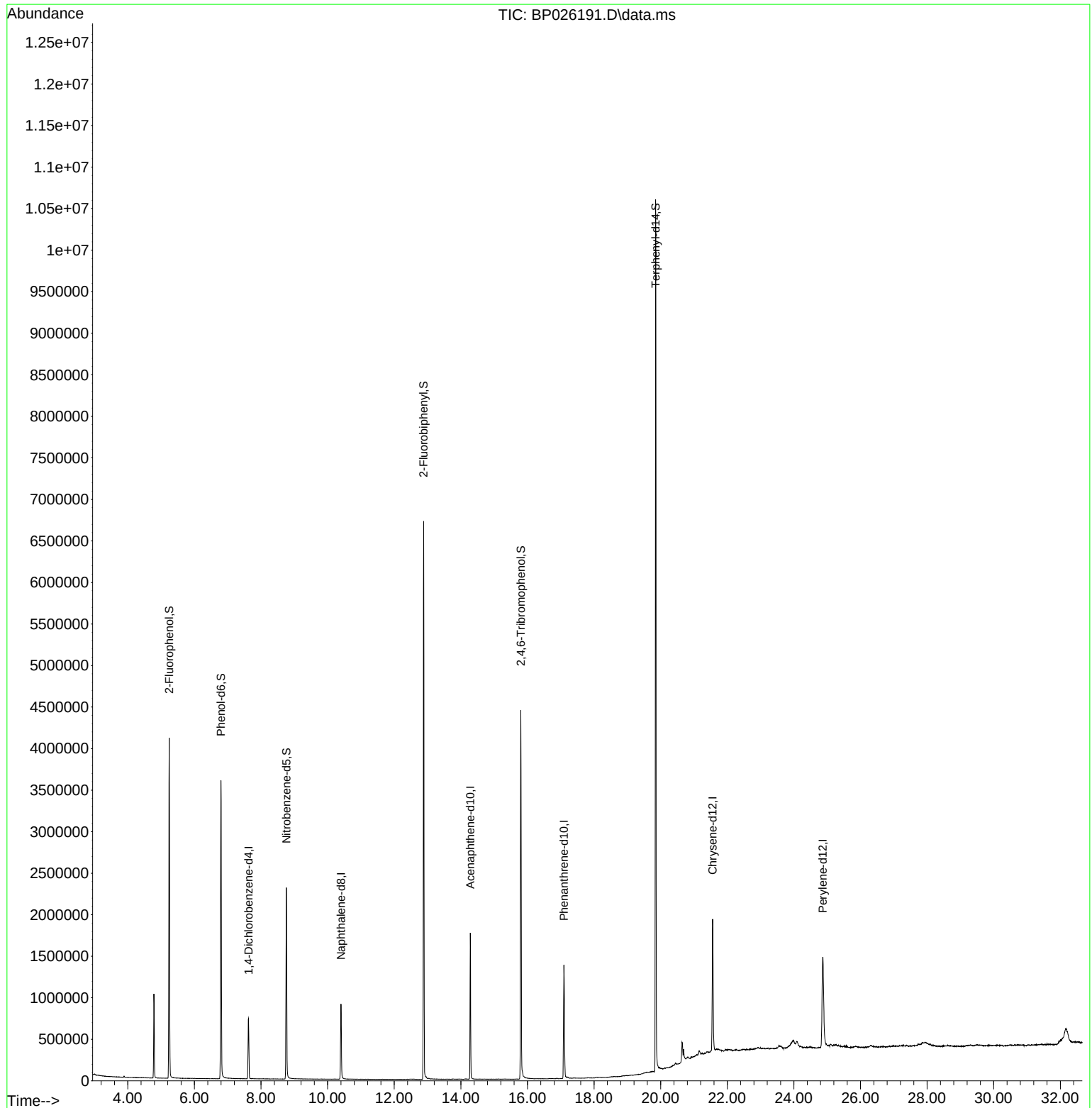
Target Compounds	Qvalue

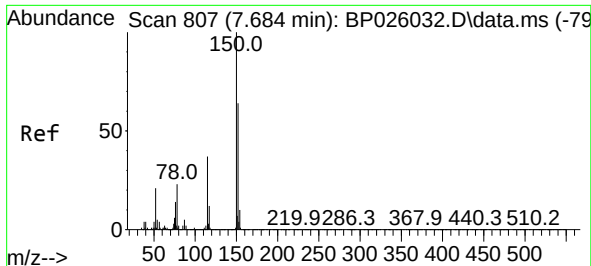
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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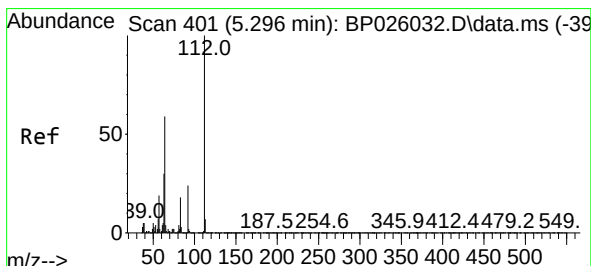
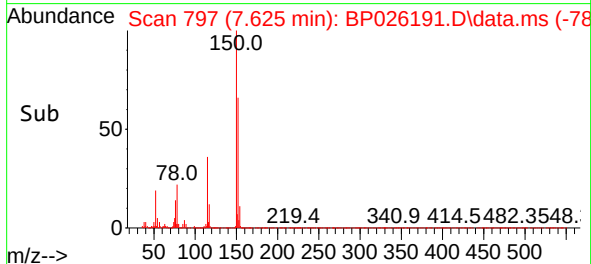
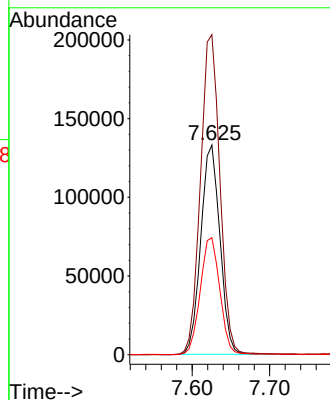
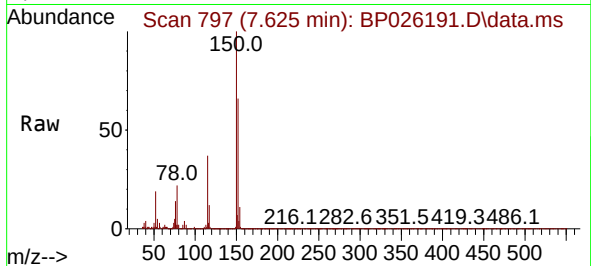




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.625 min Scan# 79
Delta R.T. -0.047 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

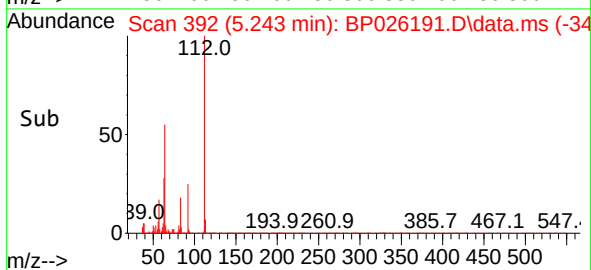
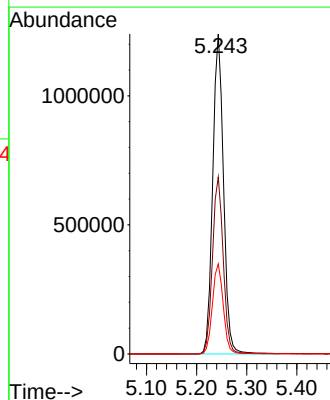
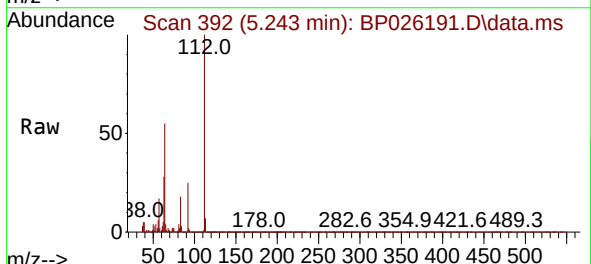
Instrument :
BNA_P
ClientSampleId :
PB170598BL

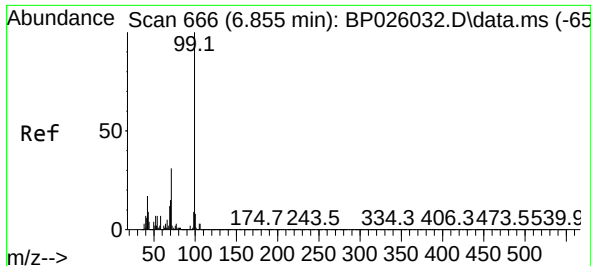
Tgt Ion:152 Resp: 227793
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.6
115 55.8 46.3 69.5



#5
2-Fluorophenol
Concen: 130.482 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.047 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

Tgt Ion:112 Resp: 1851794
Ion Ratio Lower Upper
112 100
64 55.3 45.8 68.6
63 28.2 23.5 35.3

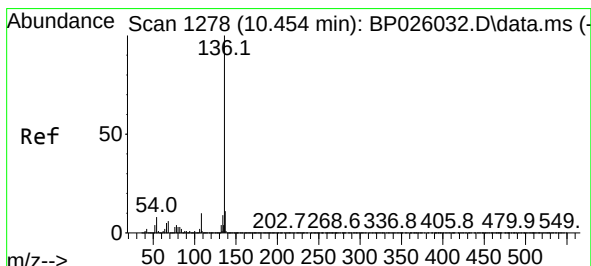
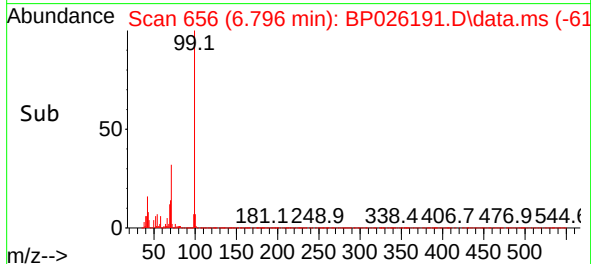
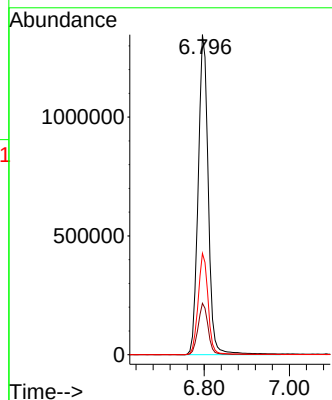
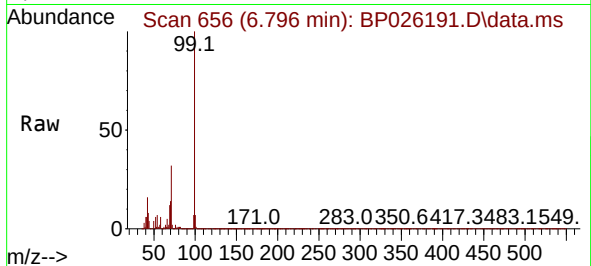




#7
Phenol-d6
Concen: 122.423 ng
RT: 6.796 min Scan# 61
Delta R.T. -0.059 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

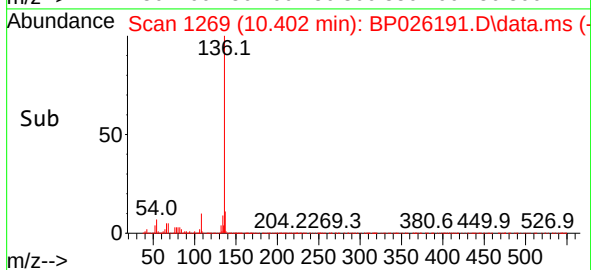
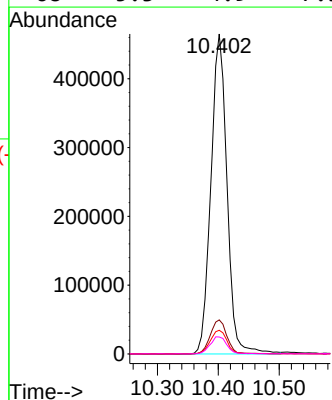
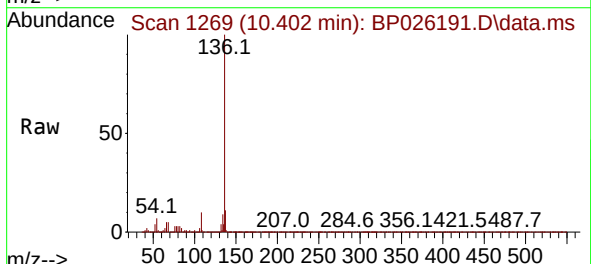
Instrument :
BNA_P
ClientSampleId :
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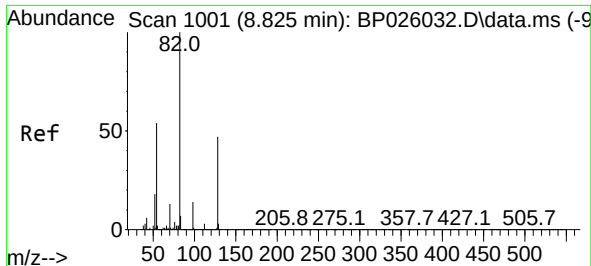
Tgt Ion: 99 Resp: 2211861
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 31.6 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.402 min Scan# 1269
Delta R.T. -0.047 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

Tgt Ion:136 Resp: 853682
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.4 6.4 9.6
68 5.3 4.9 7.3

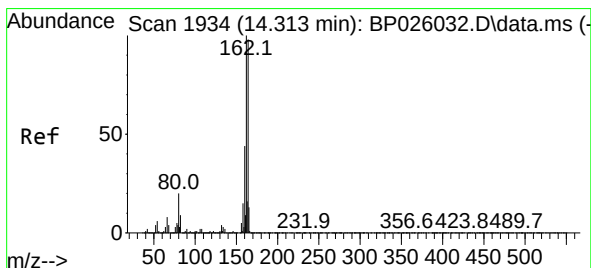
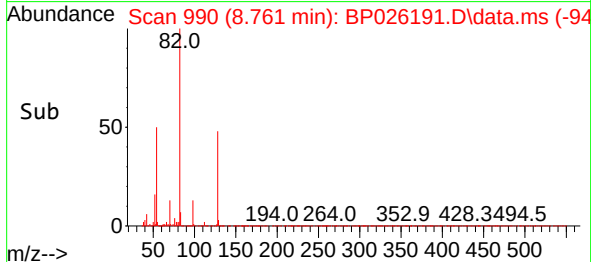
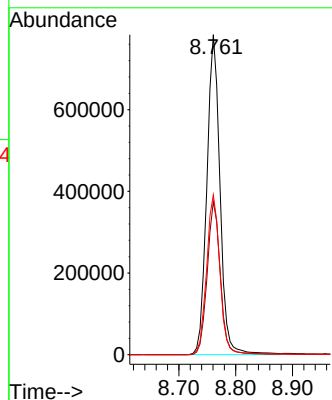
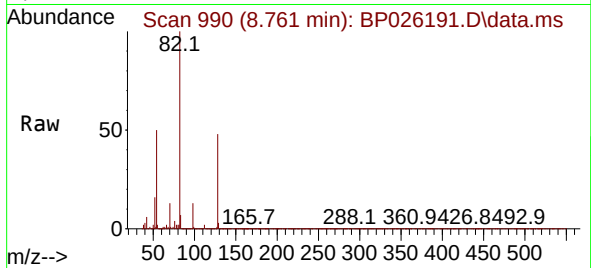




#23
Nitrobenzene-d5
Concen: 83.782 ng
RT: 8.761 min Scan# 91
Delta R.T. -0.053 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

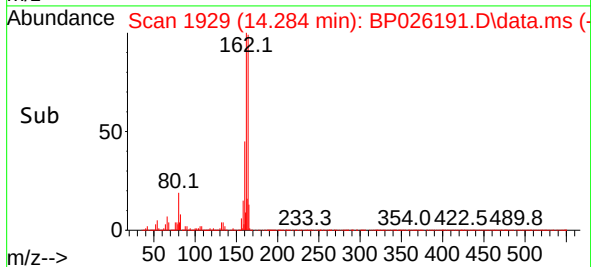
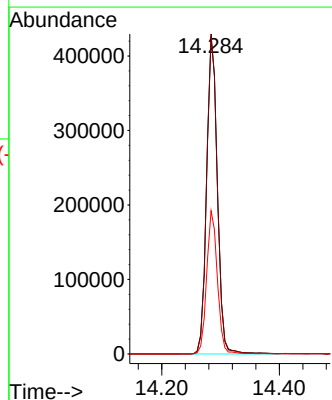
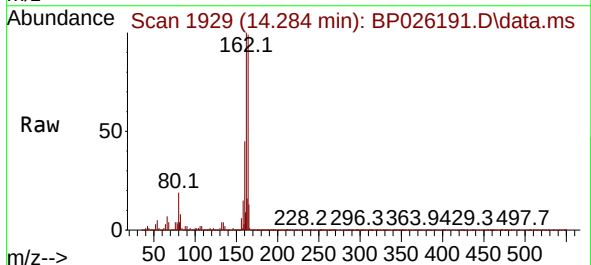
Instrument :
BNA_P
ClientSampleId :
PB170598BL

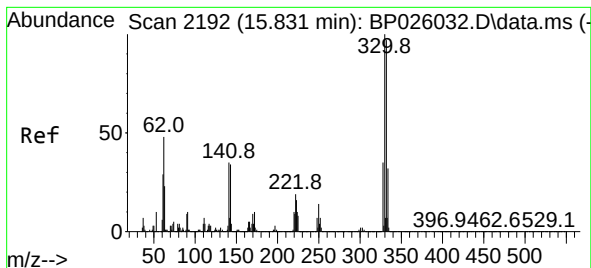
Tgt Ion: 82 Resp: 1259155
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.0
54 50.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.041 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

Tgt Ion:164 Resp: 541622
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 45.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 138.098 ng

RT: 15.801 min Scan# 2192

Delta R.T. -0.035 min

Lab File: BP026191.D

Acq: 26 Nov 2025 15:07

Instrument :

BNA_P

ClientSampleId :

PB170598BL

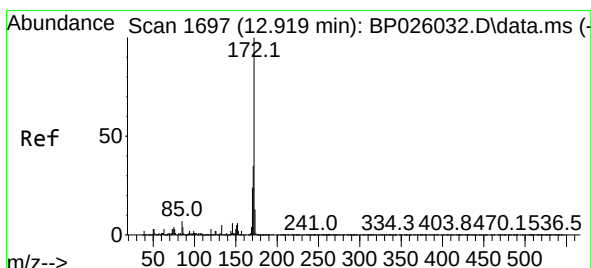
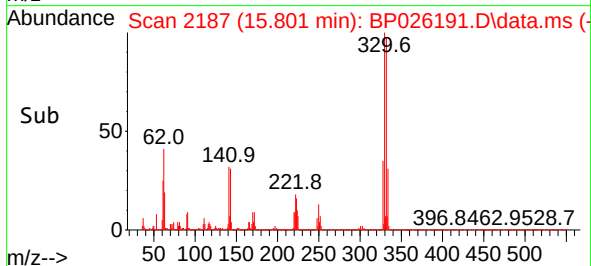
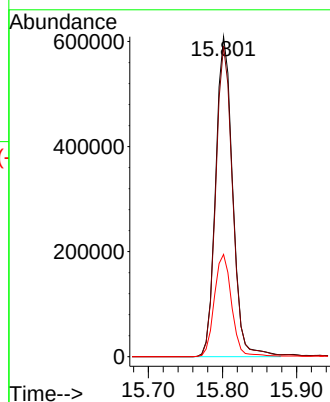
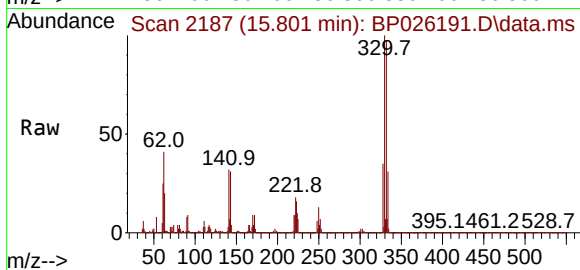
Tgt Ion:330 Resp: 970296

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 32.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 89.323 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.047 min

Lab File: BP026191.D

Acq: 26 Nov 2025 15:07

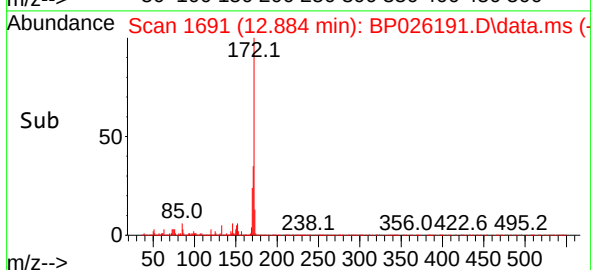
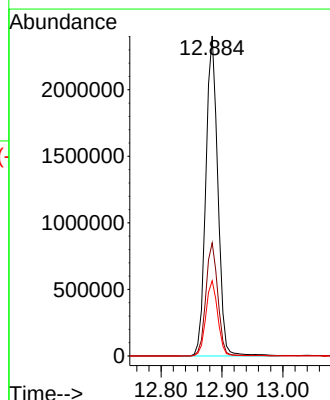
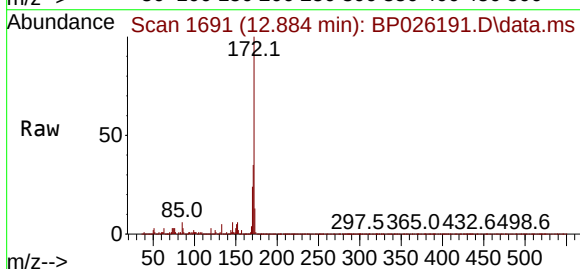
Tgt Ion:172 Resp: 3301006

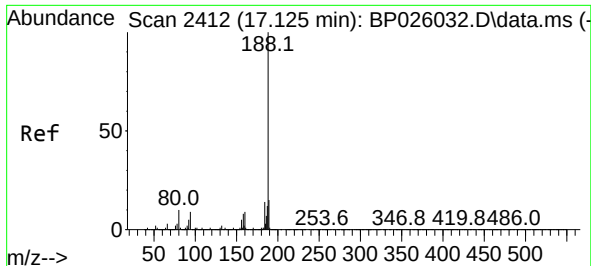
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.5 18.7 28.1

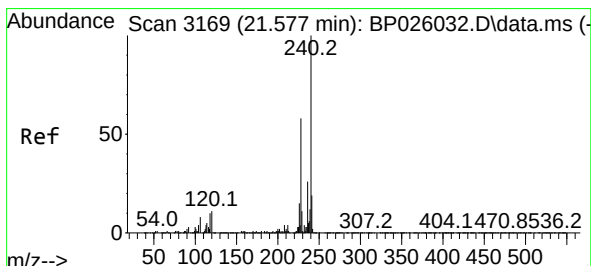
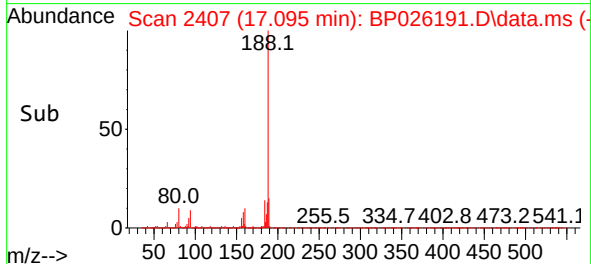
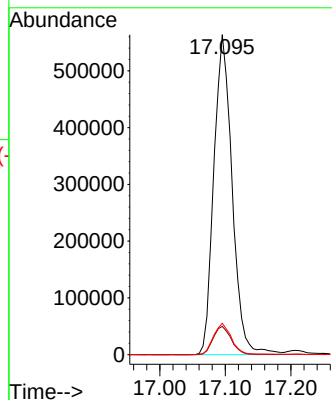
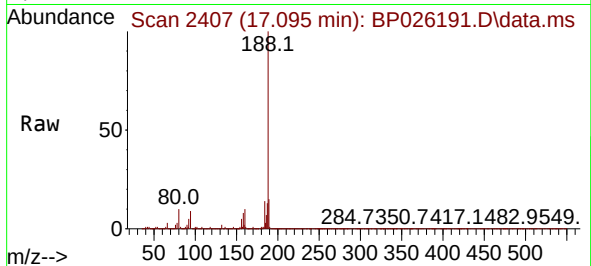




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2412
Delta R.T. -0.035 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

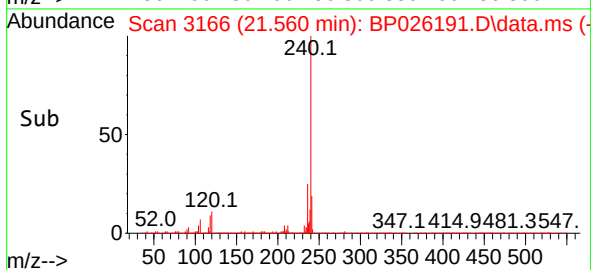
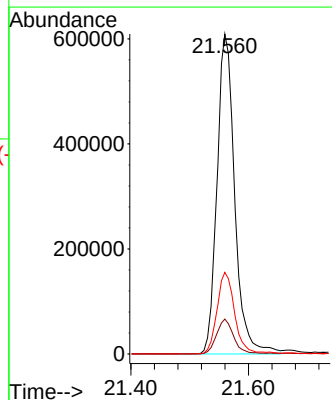
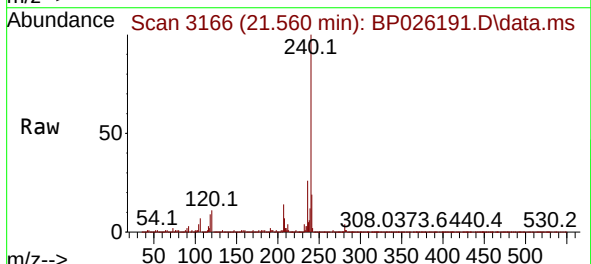
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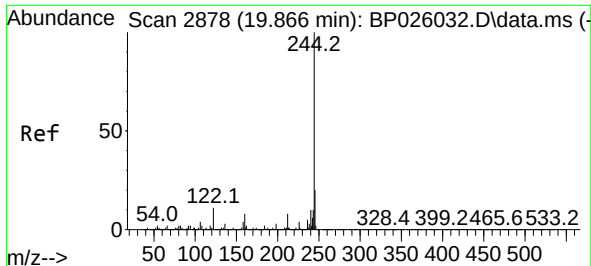
Tgt Ion:188 Resp: 1092236
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BP026191.D
Acq: 26 Nov 2025 15:07

Tgt Ion:240 Resp: 1273726
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.4 30.6

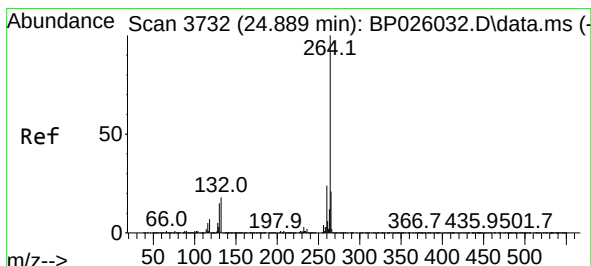
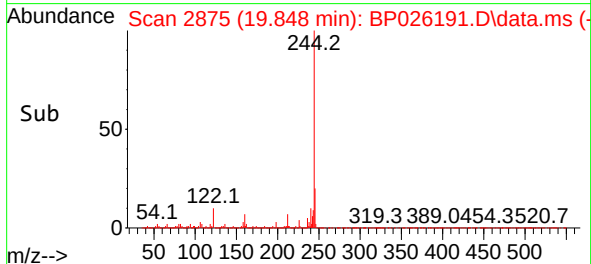
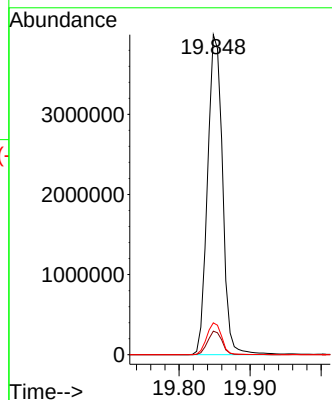
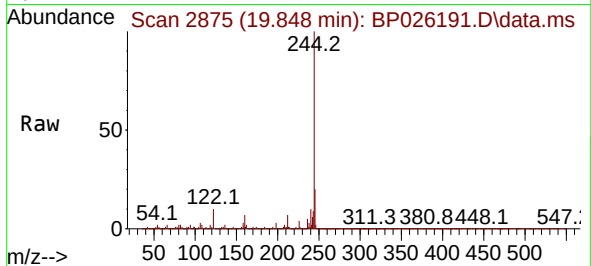




#79
 Terphenyl-d14
 Concen: 93.824 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP026191.D
 Acq: 26 Nov 2025 15:07

Instrument :
 BNA_P
 ClientSampleId :
 PB170598BL

Tgt Ion:244 Resp: 5860862
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.866 min Scan# 3728
 Delta R.T. -0.041 min
 Lab File: BP026191.D
 Acq: 26 Nov 2025 15:07

Tgt Ion:264 Resp: 1461529
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.8 17.5 26.3

