

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026155.D
 Acq On : 19 Nov 2025 11:35
 Operator : RC/JU
 Sample : PB170598BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170598BL

Quant Time: Nov 19 12:29:40 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	7.666	152	227573	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	878303	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	549856	20.000	ng	-0.02
64) Phenanthrene-d10	17.125	188	1174566	20.000	ng	0.00
76) Chrysene-d12	21.560	240	1413427	20.000	ng	-0.01
86) Perylene-d12	24.883	264	1541396	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2101746	148.237	ng	0.00
7) Phenol-d6	6.849	99	2594236	143.725	ng	0.00
23) Nitrobenzene-d5	8.807	82	1503209	97.217	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1080410	151.467	ng	-0.01
45) 2-Fluorobiphenyl	12.919	172	3762360	100.282	ng	-0.01
79) Terphenyl-d14	19.866	244	6583421	94.974	ng	0.00

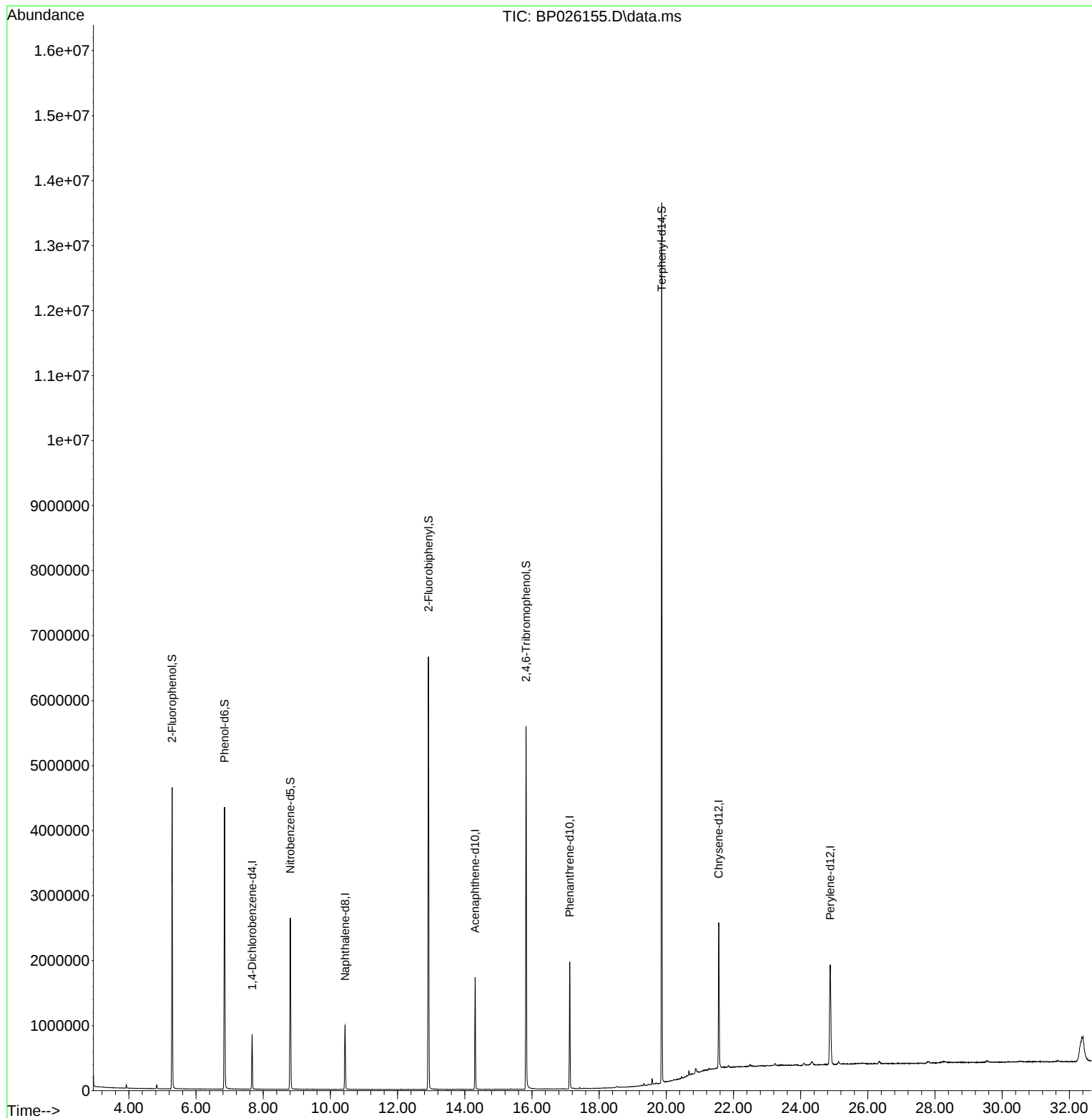
Target Compounds	Qvalue

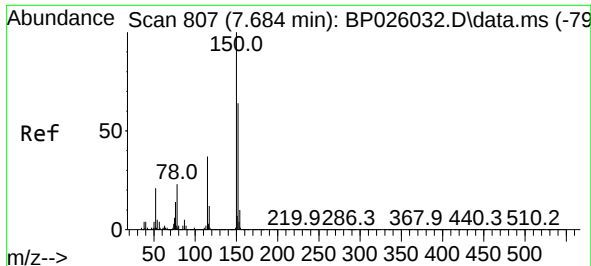
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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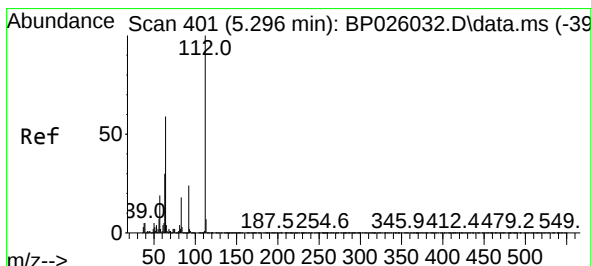
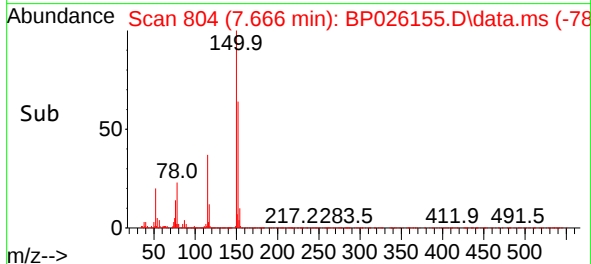
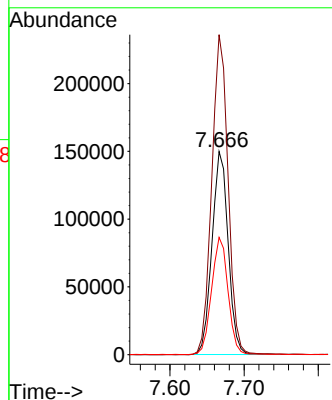
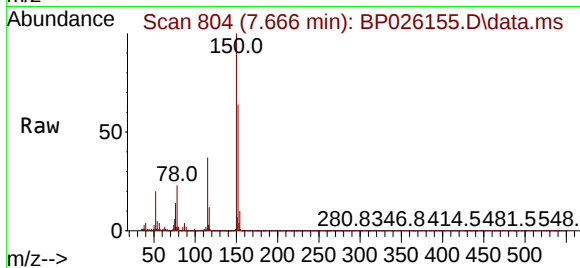




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

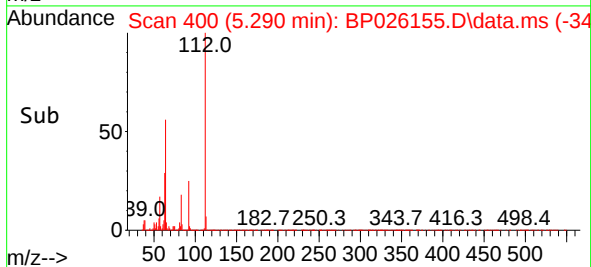
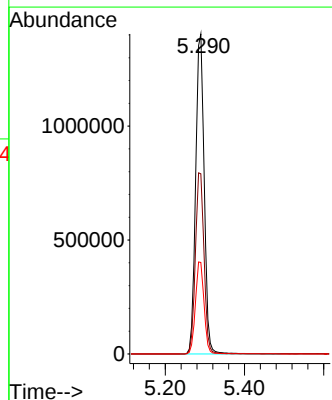
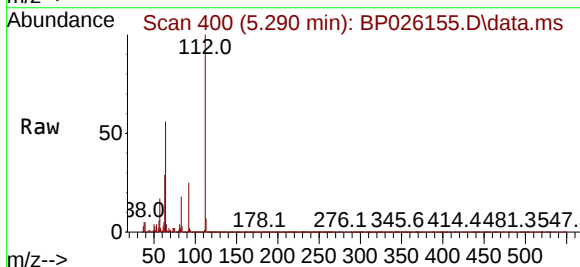
Instrument :
BNA_P
ClientSampleId :
PB170598BL

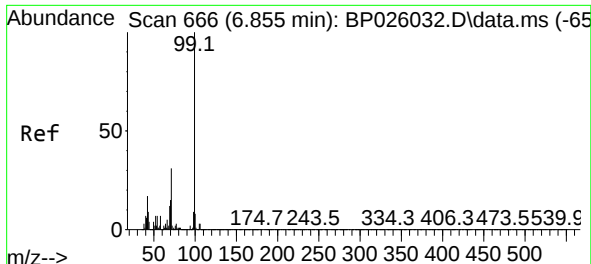
Tgt Ion:152 Resp: 227573
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.6
115 57.7 46.3 69.5



#5
2-Fluorophenol
Concen: 148.237 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

Tgt Ion:112 Resp: 2101746
Ion Ratio Lower Upper
112 100
64 56.3 45.8 68.6
63 28.6 23.5 35.3

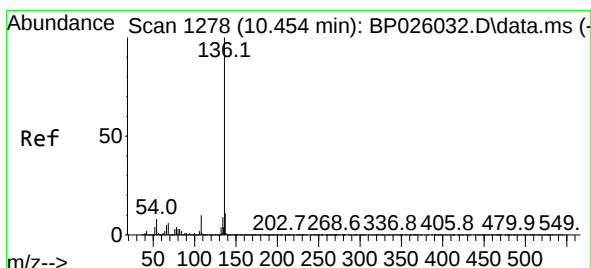
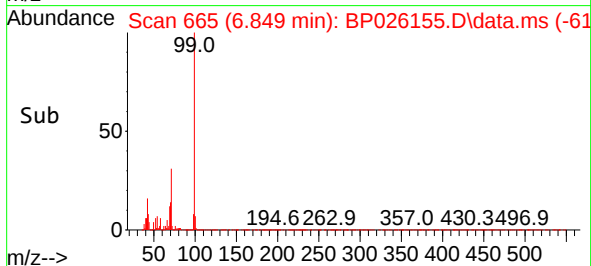
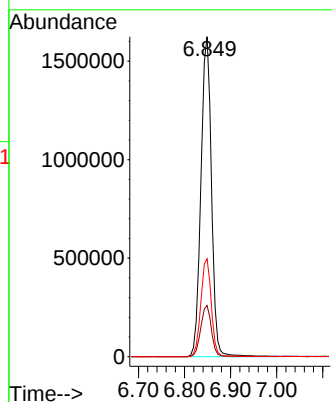
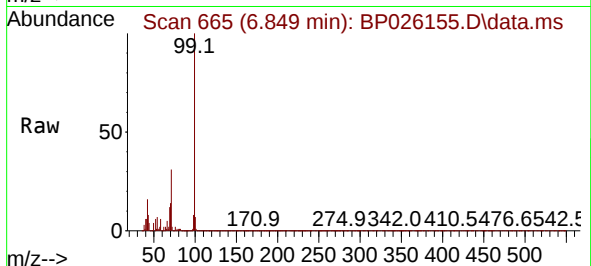




#7
Phenol-d6
Concen: 143.725 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

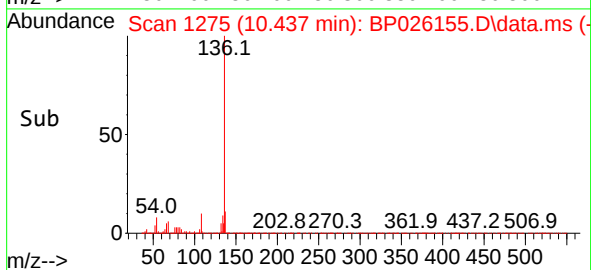
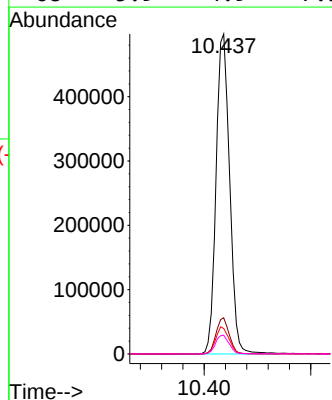
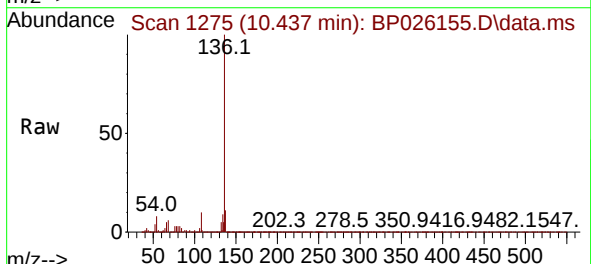
Instrument :
BNA_P
ClientSampleId :
PB170598BL

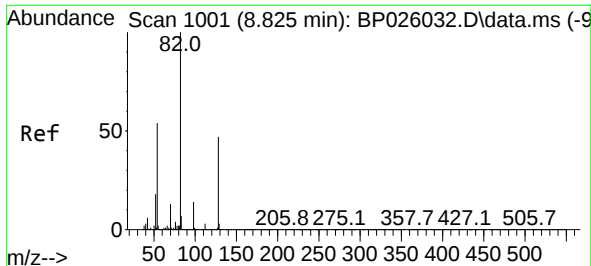
Tgt Ion: 99 Resp: 2594236
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 30.6 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

Tgt Ion: 136 Resp: 878303
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.9 6.4 9.6
68 5.9 4.9 7.3

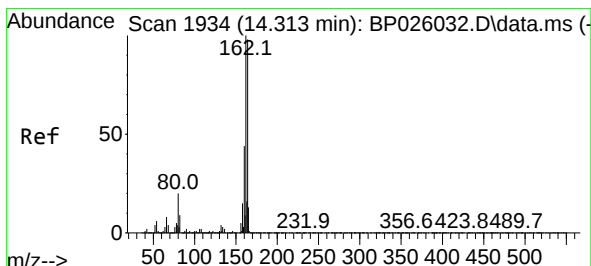
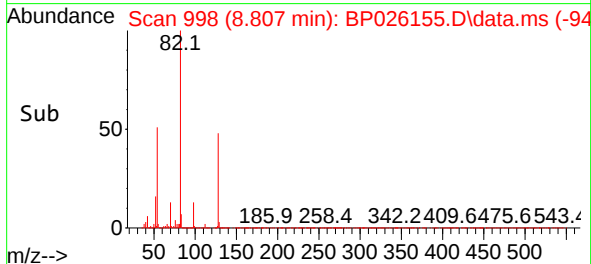
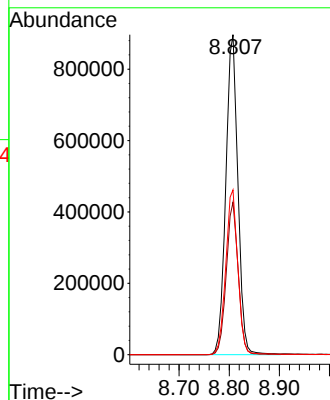
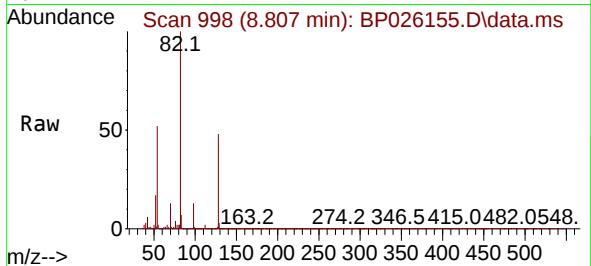




#23
Nitrobenzene-d5
Concen: 97.217 ng
RT: 8.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

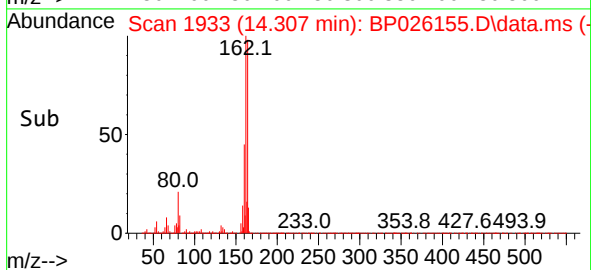
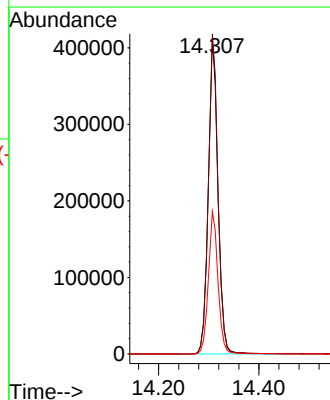
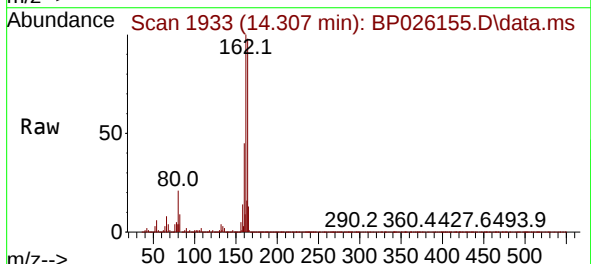
Instrument :
BNA_P
ClientSampleId :
PB170598BL

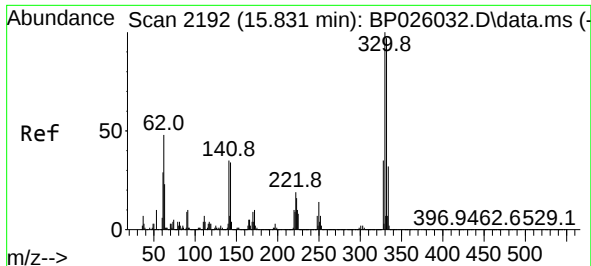
Tgt Ion: 82 Resp: 1503209
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.0
54 51.5 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.018 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

Tgt Ion:164 Resp: 549856
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 45.2 35.2 52.8

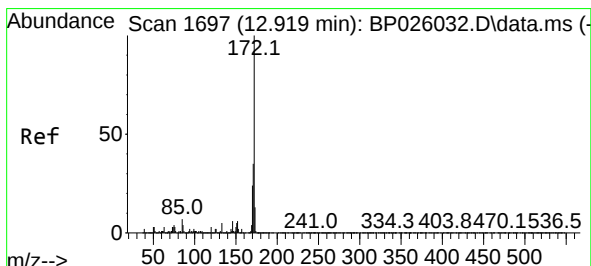
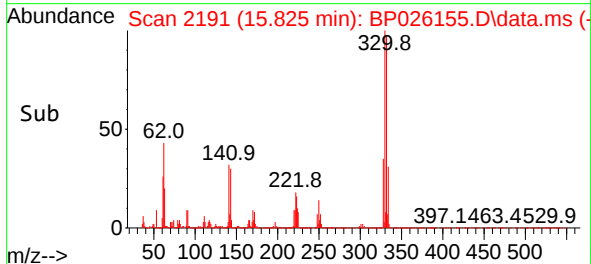
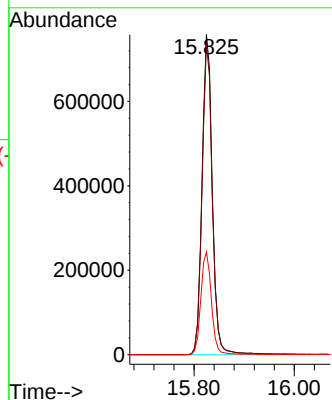
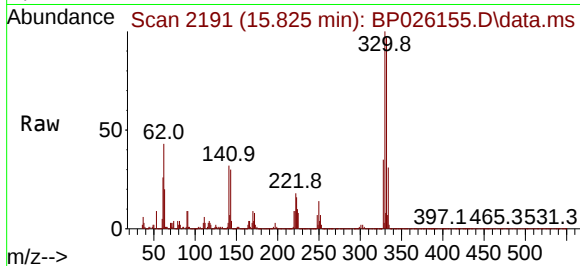




#42
2,4,6-Tribromophenol
Concen: 151.467 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

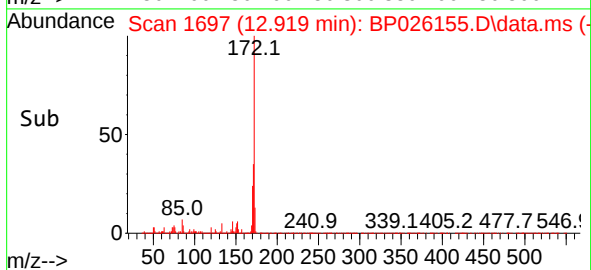
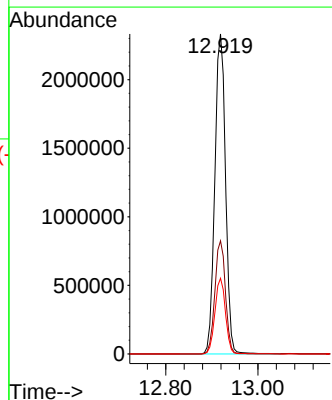
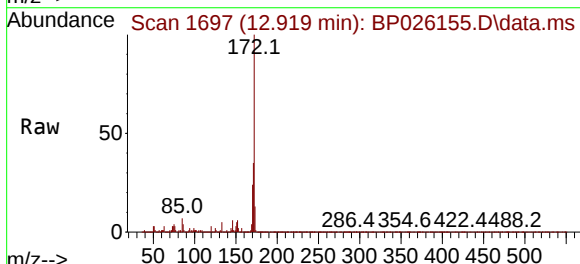
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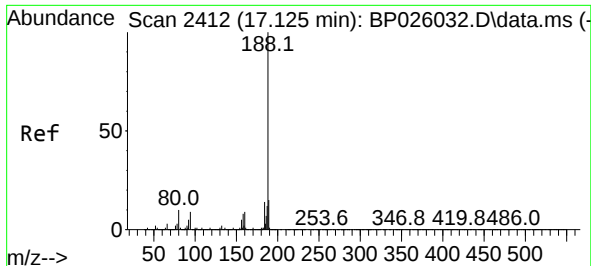
Tgt Ion:330 Resp: 1080410
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 33.1 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 100.282 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

Tgt Ion:172 Resp: 3762360
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.7 18.7 28.1

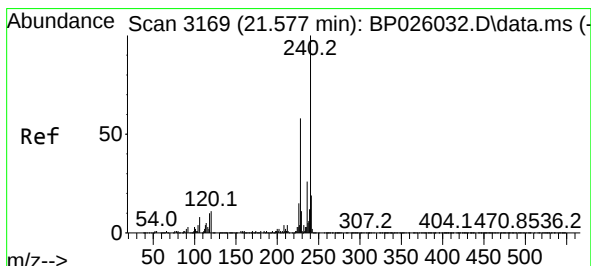
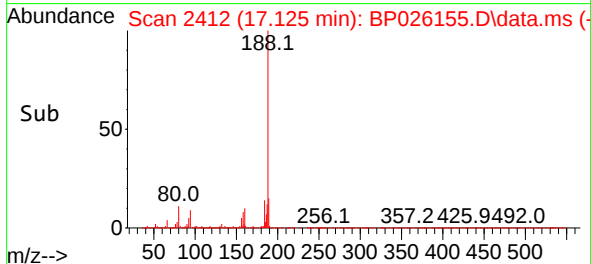
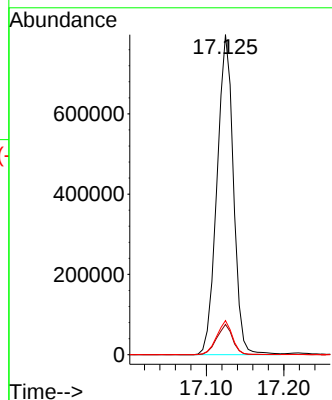
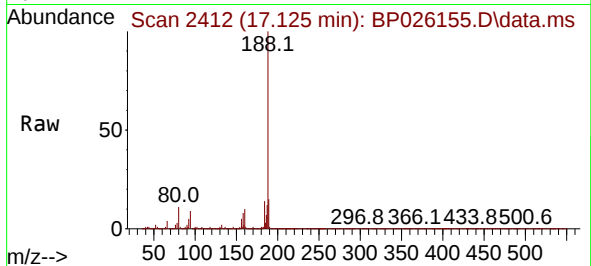




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

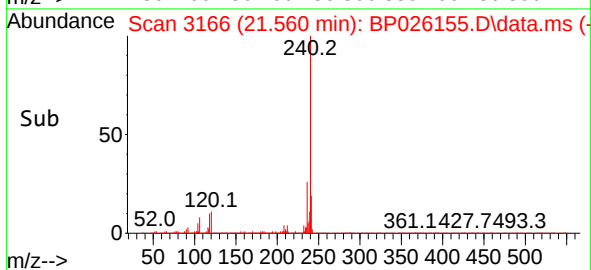
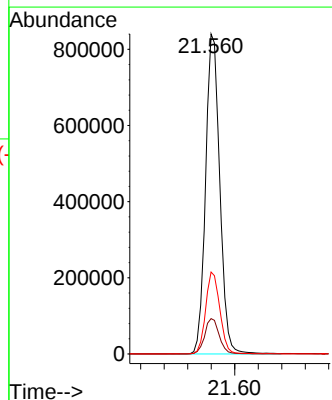
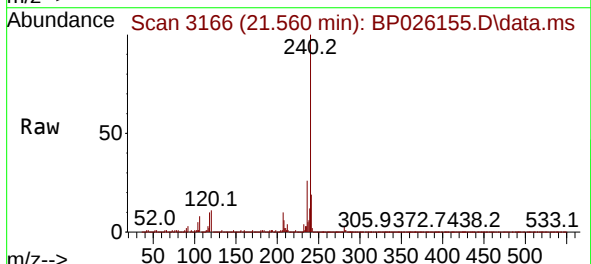
Instrument :
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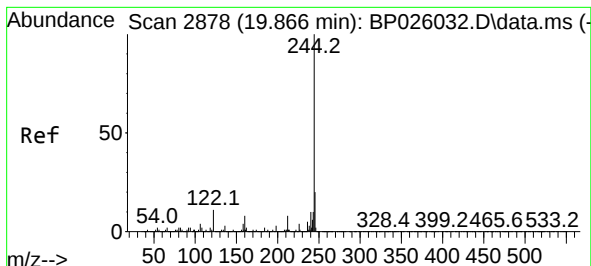
Tgt Ion:188 Resp: 1174566
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BP026155.D
Acq: 19 Nov 2025 11:35

Tgt Ion:240 Resp: 1413427
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 94.974 ng

RT: 19.866 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026155.D

Acq: 19 Nov 2025 11:35

Instrument :

BNA_P

ClientSampleId :

PB170598BL

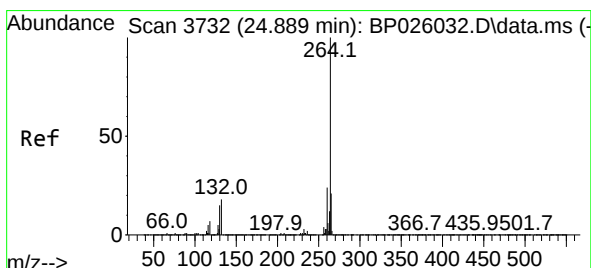
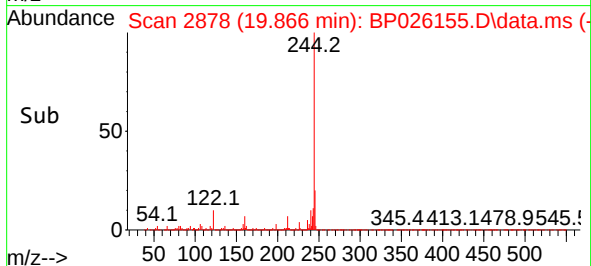
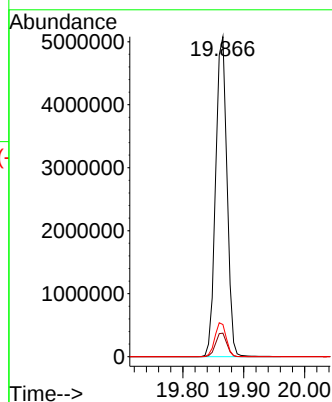
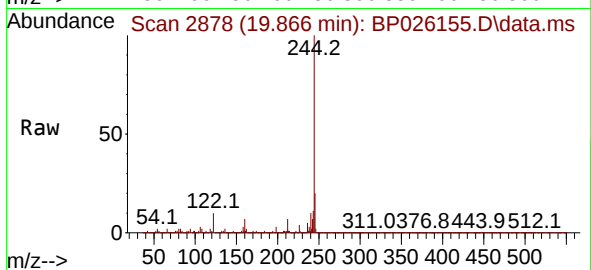
Tgt Ion:244 Resp: 6583421

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.883 min Scan# 3731

Delta R.T. -0.023 min

Lab File: BP026155.D

Acq: 19 Nov 2025 11:35

Tgt Ion:264 Resp: 1541396

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.8 17.5 26.3

