

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120825\
 Data File : BP026251.D
 Acq On : 08 Dec 2025 14:25
 Operator : RC/JU
 Sample : PB170839BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170839BL

Quant Time: Dec 08 15:33:25 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	7.655	152	317370	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	1206328	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	772830	20.000	ng	0.00
64) Phenanthrene-d10	17.084	188	1602958	20.000	ng	-0.01
76) Chrysene-d12	21.536	240	1790879	20.000	ng	0.00
86) Perylene-d12	24.824	264	2138990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1724702	87.367	ng	0.00
7) Phenol-d6	6.837	99	2078336	83.406	ng	0.00
23) Nitrobenzene-d5	8.796	82	1215426	57.350	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	919861	91.525	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	3070247	57.759	ng	-0.01
79) Terphenyl-d14	19.831	244	5216552	59.536	ng	0.00

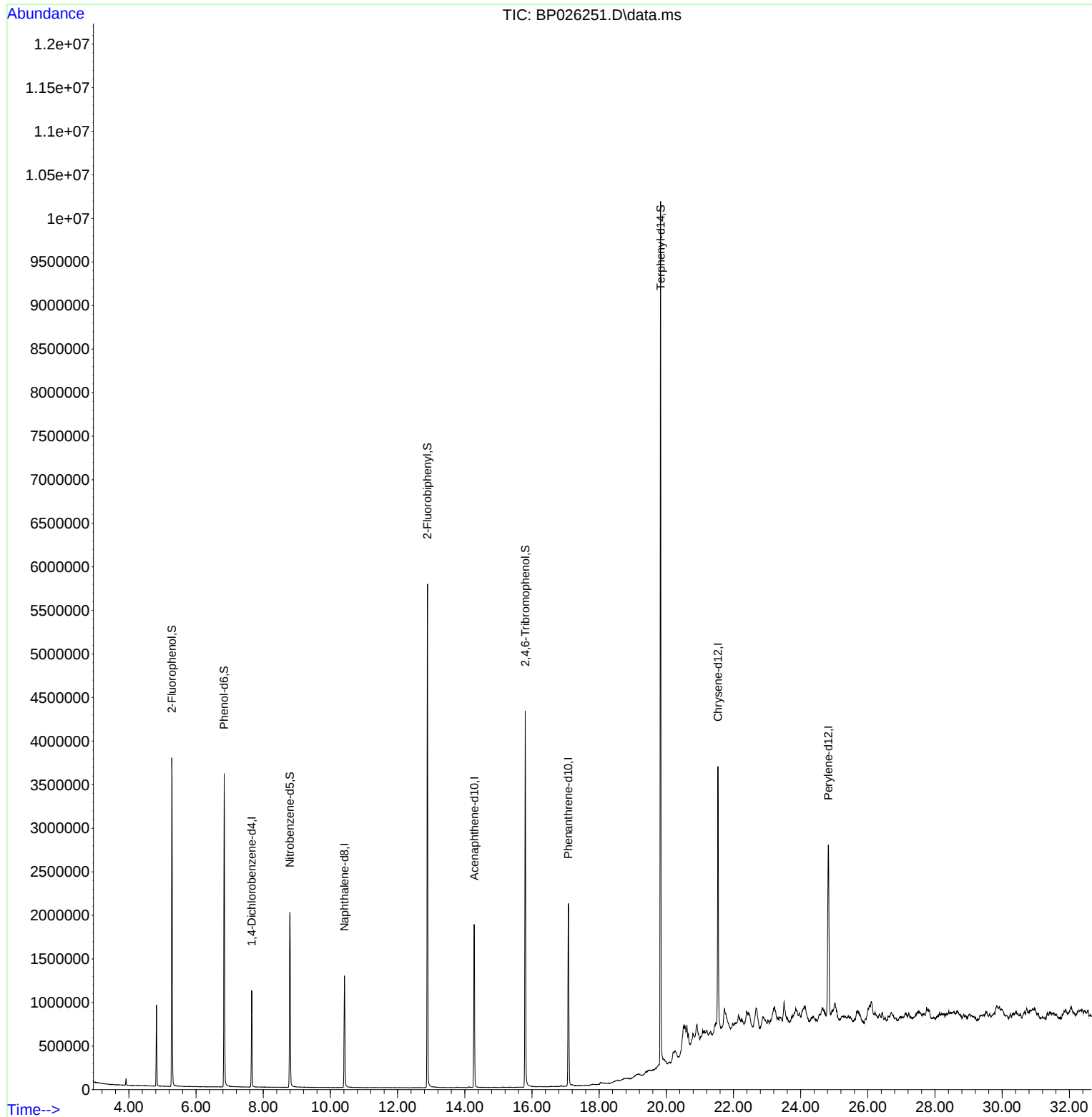
Target Compounds	Qvalue

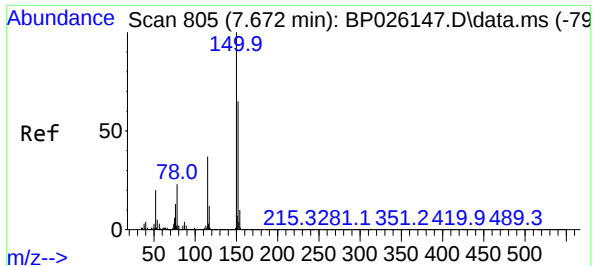
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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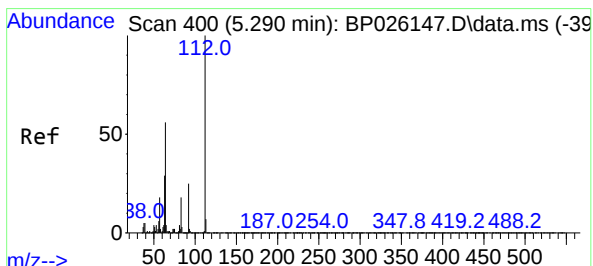
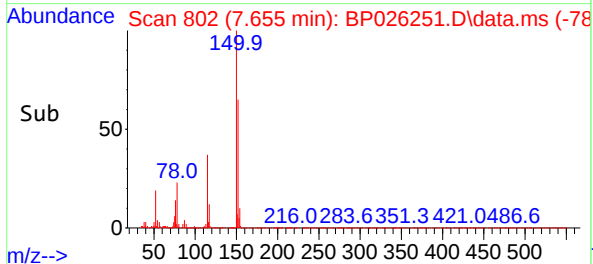
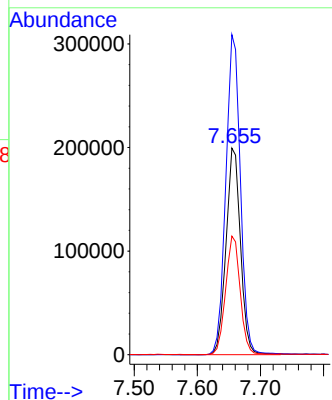
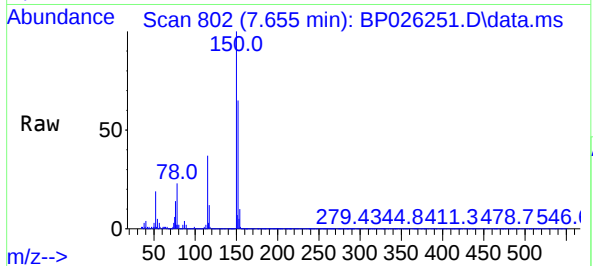




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

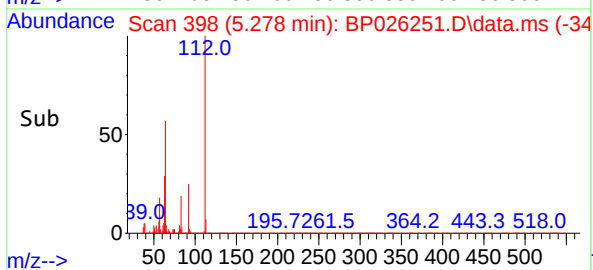
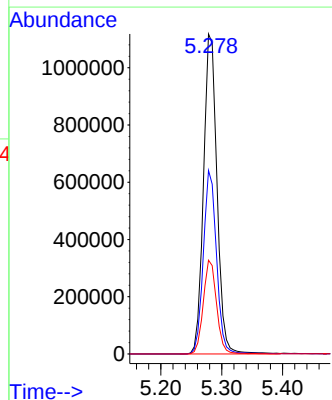
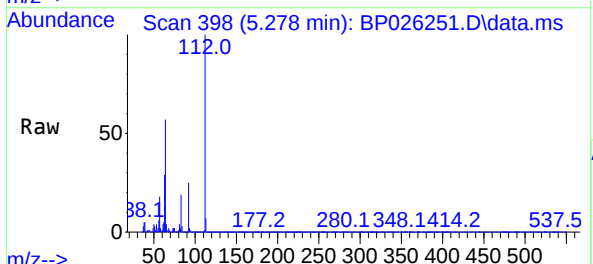
Instrument :
BNA_P
ClientSampleId :
PB170839BL

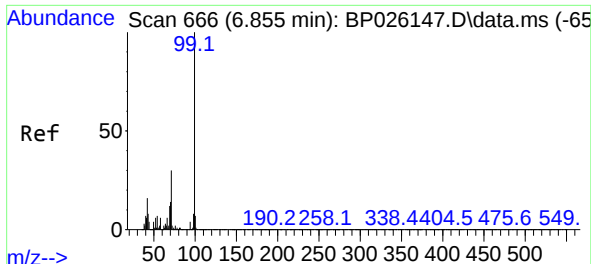
Tgt Ion:152 Resp: 317370
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.6
115 57.4 46.3 69.5



#5
2-Fluorophenol
Concen: 87.367 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

Tgt Ion:112 Resp: 1724702
Ion Ratio Lower Upper
112 100
64 57.3 45.8 68.6
63 29.3 23.5 35.3

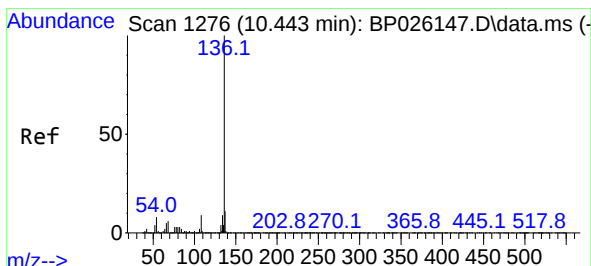
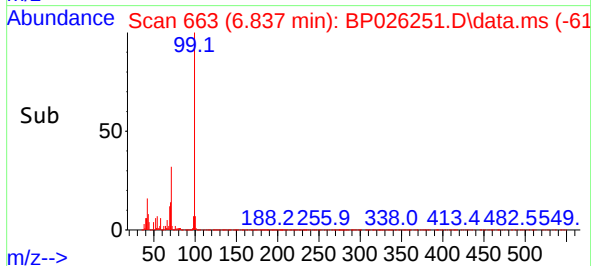
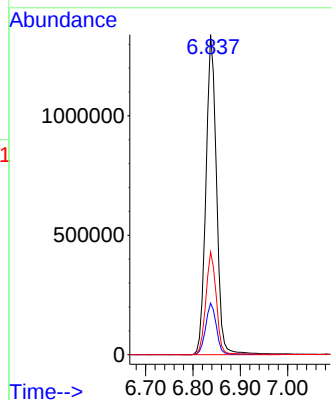
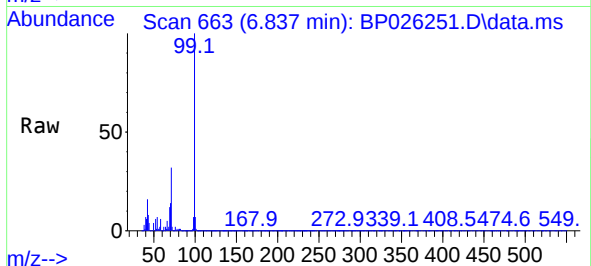




#7
Phenol-d6
Concen: 83.406 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

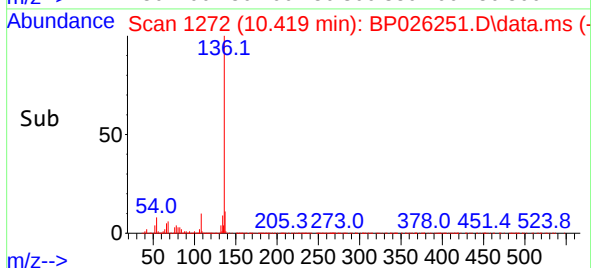
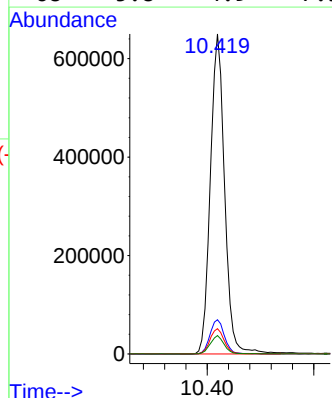
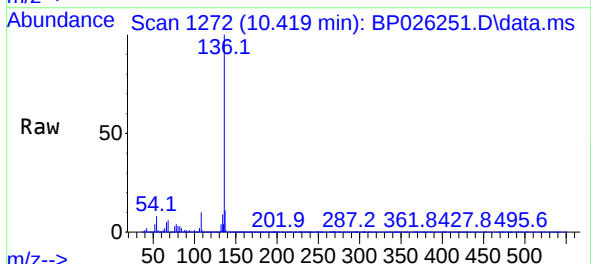
Instrument :
BNA_P
ClientSampleId :
PB170839BL

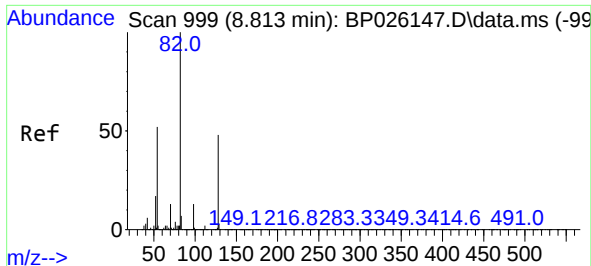
Tgt Ion: 99 Resp: 2078336
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 32.1 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

Tgt Ion:136 Resp: 1206328
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.9 6.4 9.6
68 5.8 4.9 7.3

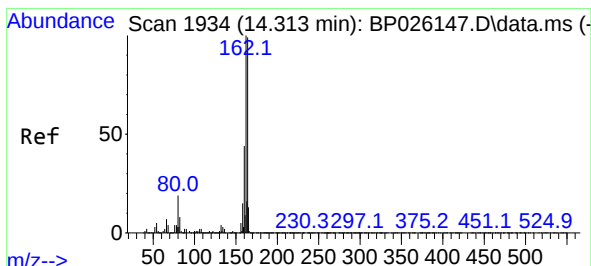
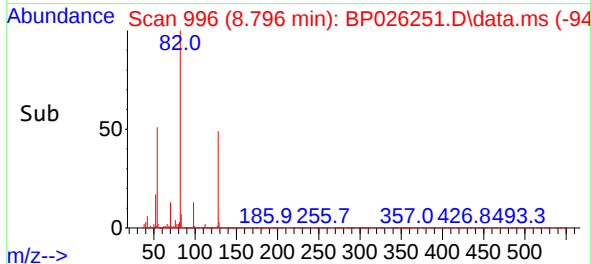
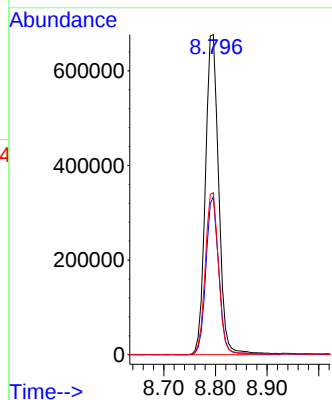
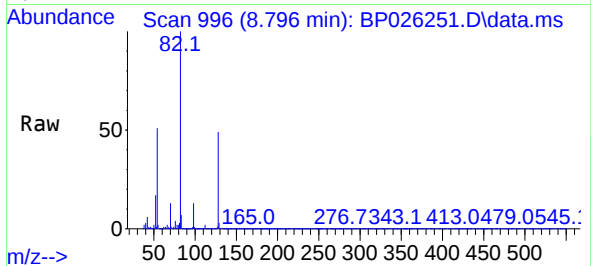




#23
Nitrobenzene-d5
Concen: 57.350 ng
RT: 8.796 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

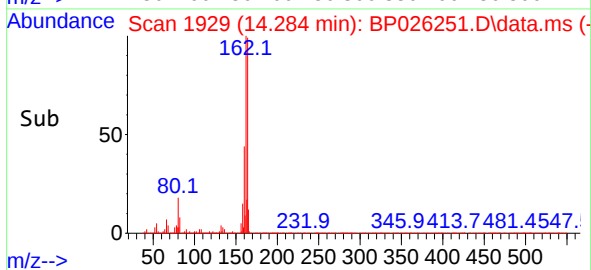
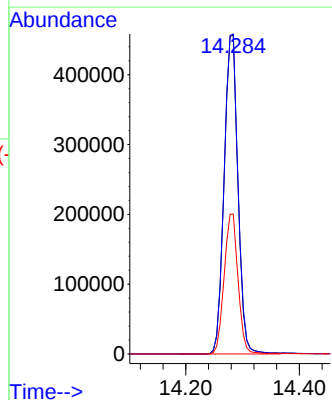
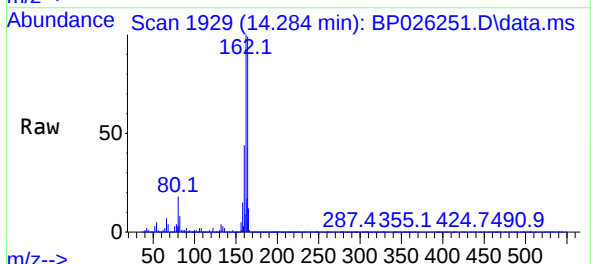
Instrument :
BNA_P
ClientSampleId :
PB170839BL

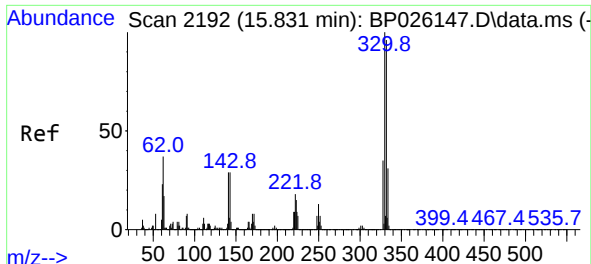
Tgt Ion: 82 Resp: 1215426
Ion Ratio Lower Upper
82 100
128 49.3 37.4 56.0
54 50.6 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

Tgt Ion:164 Resp: 772830
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 91.525 ng

RT: 15.801 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BP026251.D

Acq: 08 Dec 2025 14:25

Instrument :

BNA_P

ClientSampleId :

PB170839BL

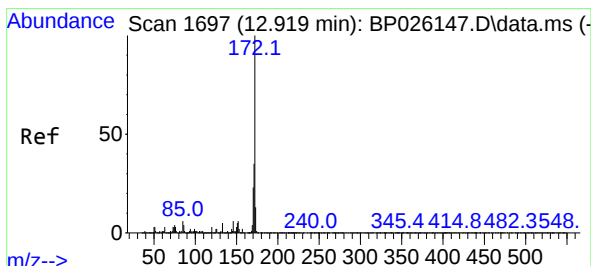
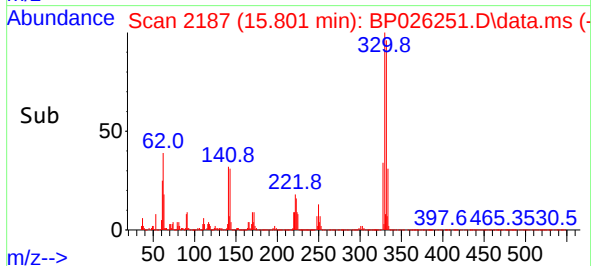
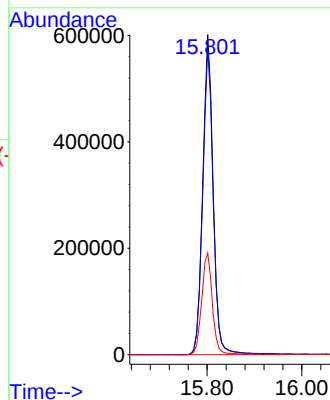
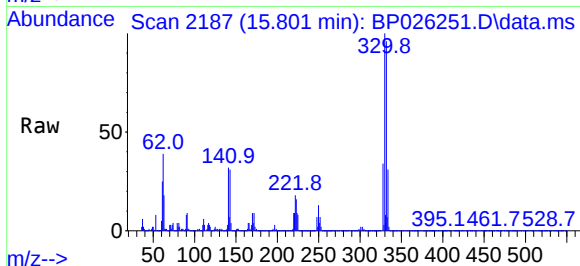
Tgt Ion:330 Resp: 919861

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 32.3 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 57.759 ng

RT: 12.890 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BP026251.D

Acq: 08 Dec 2025 14:25

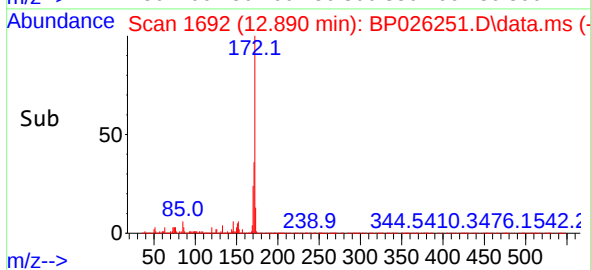
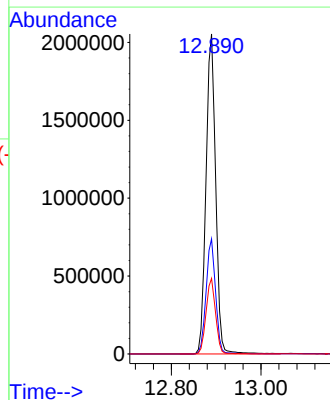
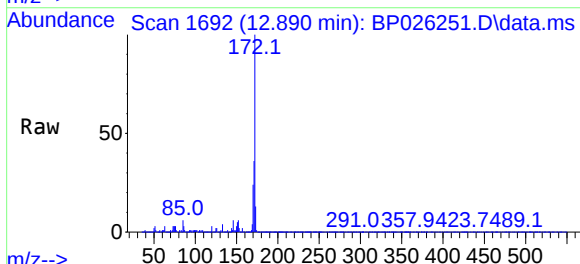
Tgt Ion:172 Resp: 3070247

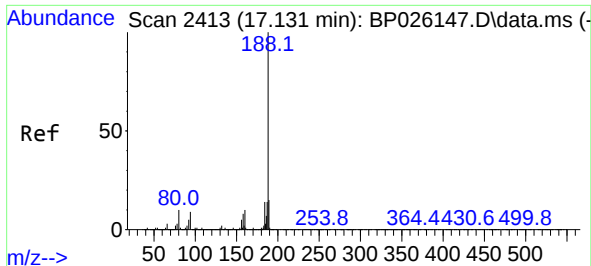
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 23.6 18.7 28.1

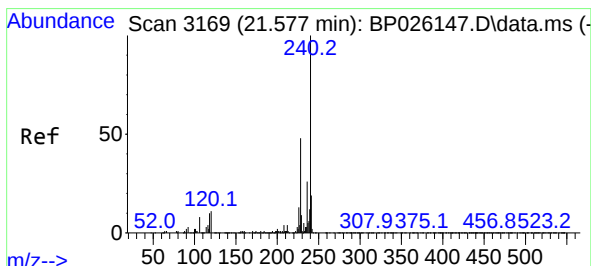
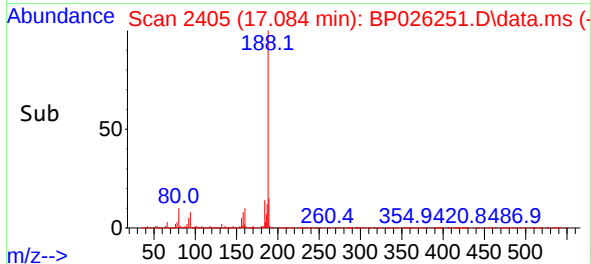
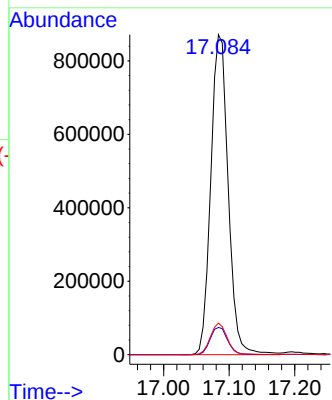
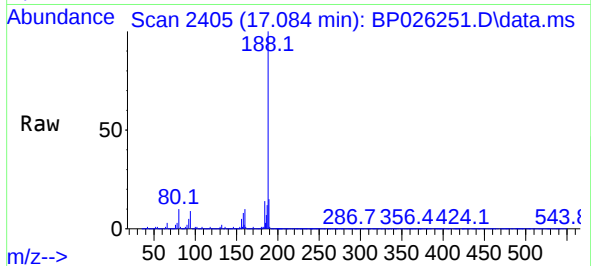




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.084 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

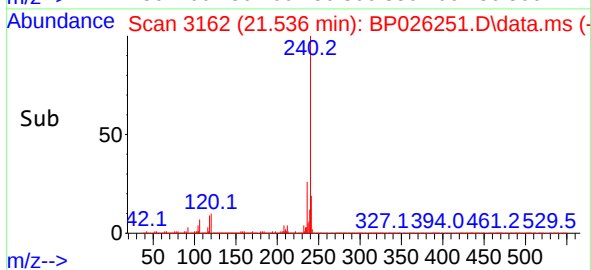
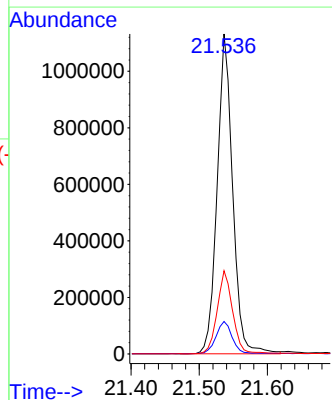
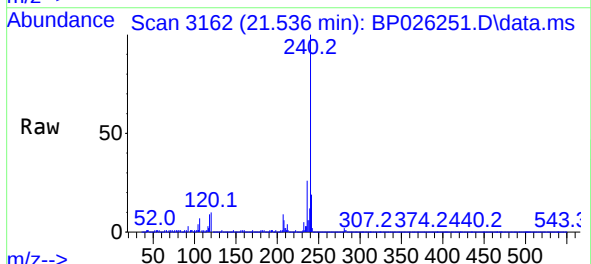
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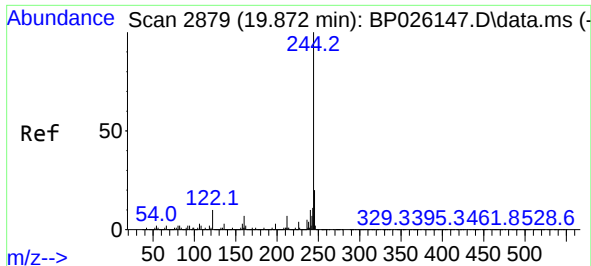
Tgt Ion:188 Resp: 1602958
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026251.D
Acq: 08 Dec 2025 14:25

Tgt Ion:240 Resp: 1790879
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 26.0 20.4 30.6

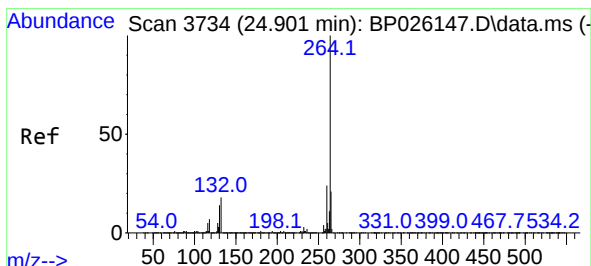
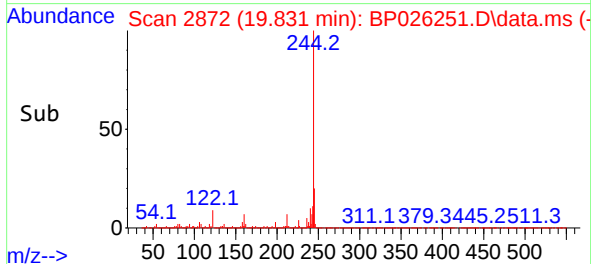
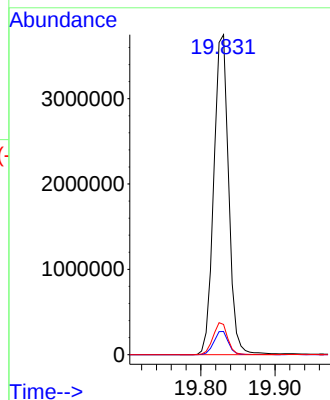
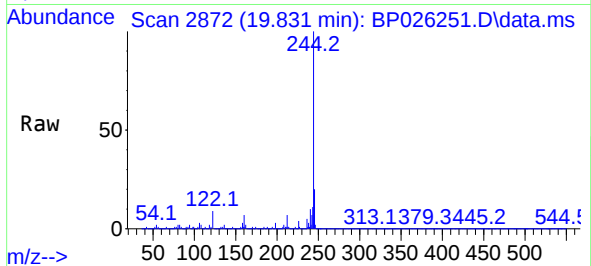




#79
 Terphenyl-d14
 Concen: 59.536 ng
 RT: 19.831 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026251.D
 Acq: 08 Dec 2025 14:25

Instrument :
 BNA_P
 ClientSampleId :
 PB170839BL

Tgt Ion:244 Resp: 5216552
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.5 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: BP026251.D
 Acq: 08 Dec 2025 14:25

Tgt Ion:264 Resp: 2138990
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.8 17.5 26.3

