

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026214.D
 Acq On : 02 Dec 2025 19:18
 Operator : RC/JU
 Sample : Q3743-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-1125-2

Quant Time: Dec 03 00:21:48 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	7.661	152	240448	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	926919	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	562327	20.000	ng	-0.04
64) Phenanthrene-d10	17.090	188	1121686	20.000	ng	-0.04
76) Chrysene-d12	21.542	240	1373394	20.000	ng	-0.03
86) Perylene-d12	24.836	264	1562141	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	780197	52.081	ng	-0.01
7) Phenol-d6	6.837	99	563509	29.548	ng	-0.02
23) Nitrobenzene-d5	8.796	82	1215489	74.486	ng	-0.02
42) 2,4,6-Tribromophenol	15.801	330	840390	115.205	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	2983236	77.752	ng	-0.04
79) Terphenyl-d14	19.836	244	4814219	71.476	ng	-0.04

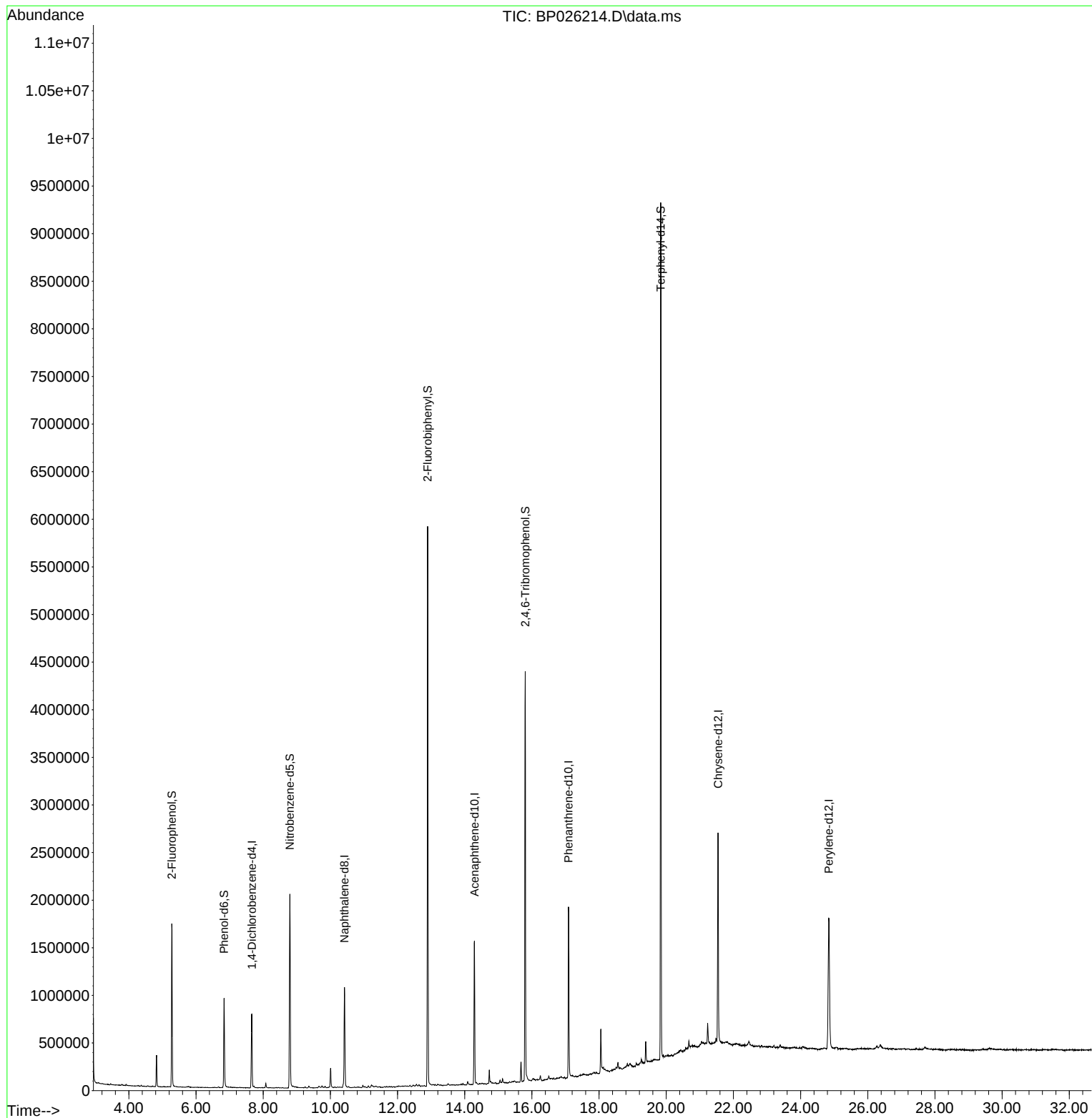
Target Compounds	Qvalue

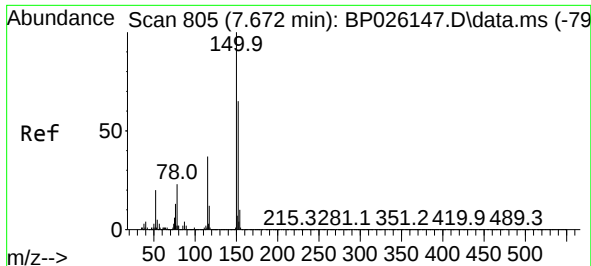
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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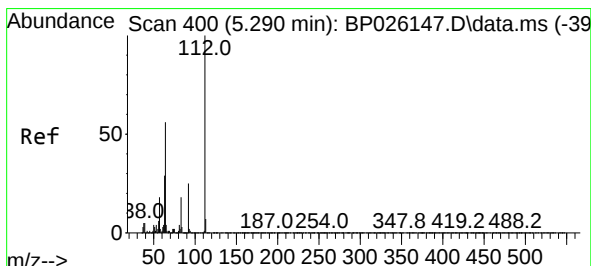
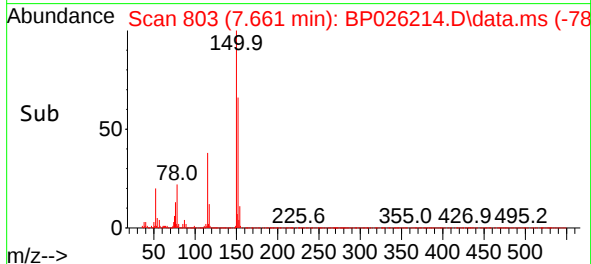
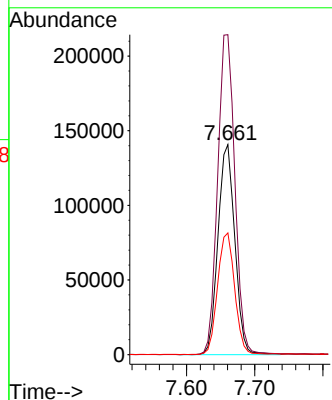
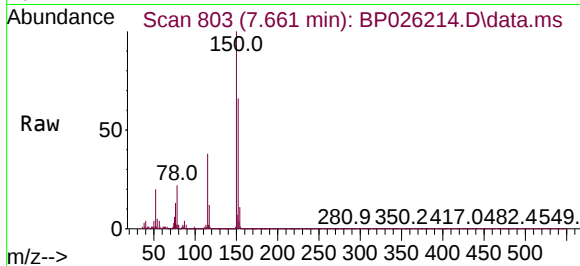




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.661 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BP026214.D
 Acq: 02 Dec 2025 19:18

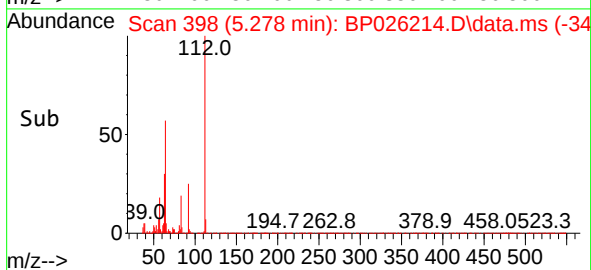
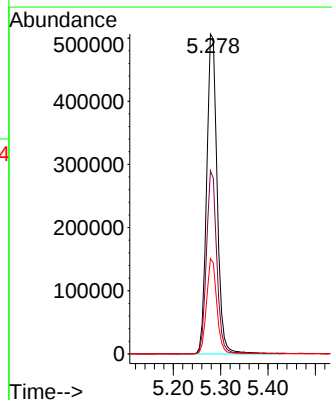
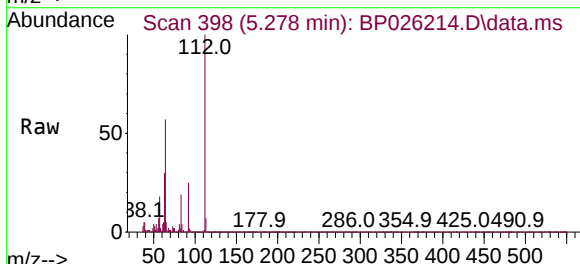
Instrument :
 BNA_P
 ClientSampleId :
 TW-1125-2

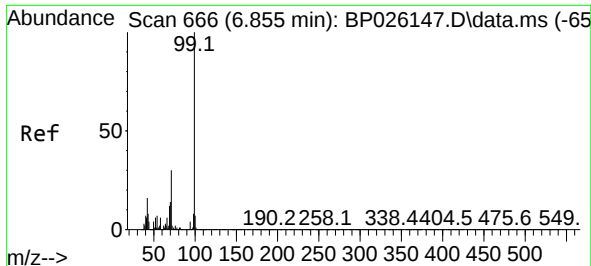
Tgt Ion:152 Resp: 240448
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.0 184.6
 115 57.9 46.3 69.5



#5
 2-Fluorophenol
 Concen: 52.081 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.011 min
 Lab File: BP026214.D
 Acq: 02 Dec 2025 19:18

Tgt Ion:112 Resp: 780197
 Ion Ratio Lower Upper
 112 100
 64 57.2 45.8 68.6
 63 29.8 23.5 35.3

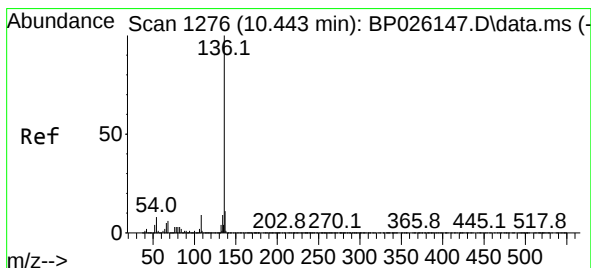
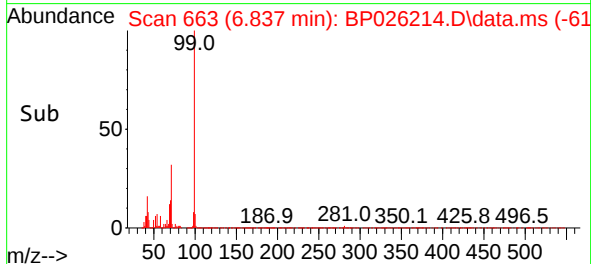
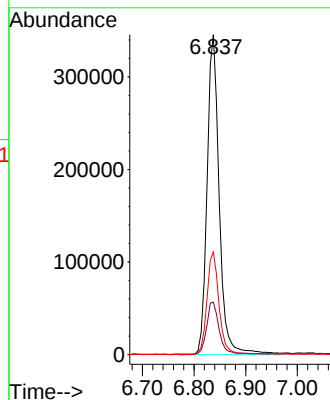
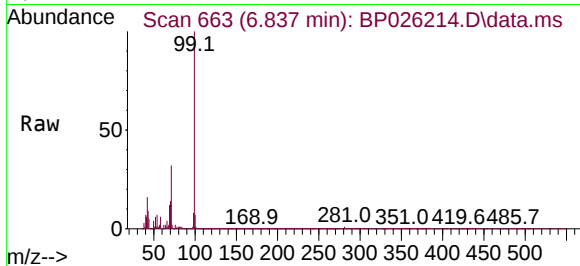




#7
Phenol-d6
Concen: 29.548 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.017 min
Lab File: BP026214.D
Acq: 02 Dec 2025 19:18

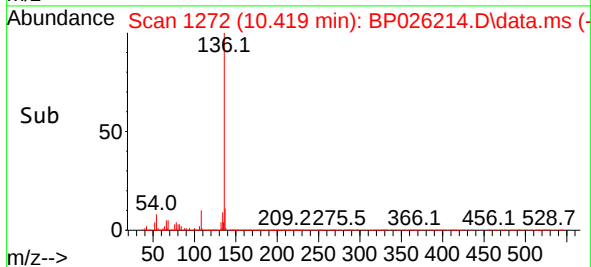
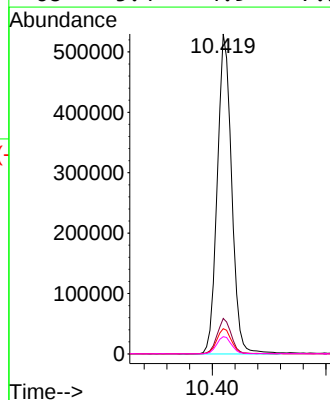
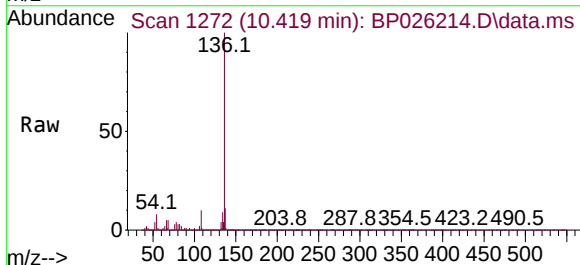
Instrument :
BNA_P
ClientSampleId :
TW-1125-2

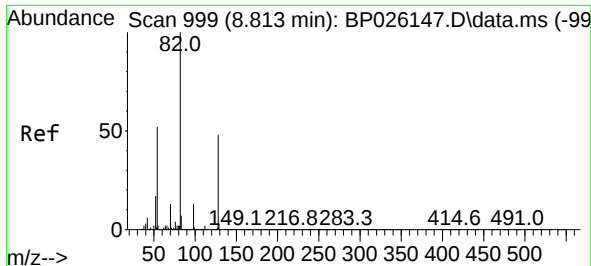
Tgt Ion: 99 Resp: 563509
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 32.1 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026214.D
Acq: 02 Dec 2025 19:18

Tgt Ion:136 Resp: 926919
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.9 6.4 9.6
68 5.4 4.9 7.3

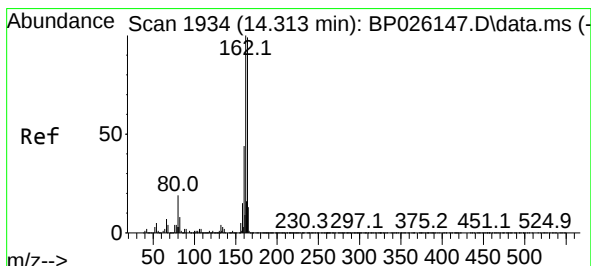
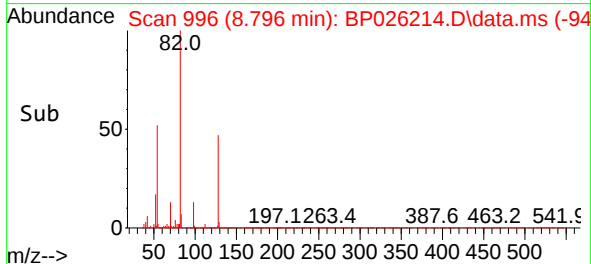
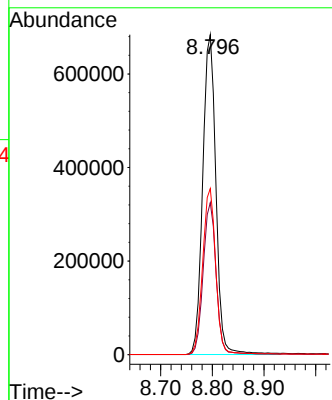
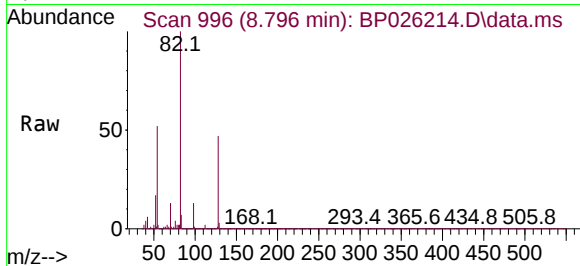




#23
Nitrobenzene-d5
Concen: 74.486 ng
RT: 8.796 min Scan# 99
Delta R.T. -0.017 min
Lab File: BP026214.D
Acq: 02 Dec 2025 19:18

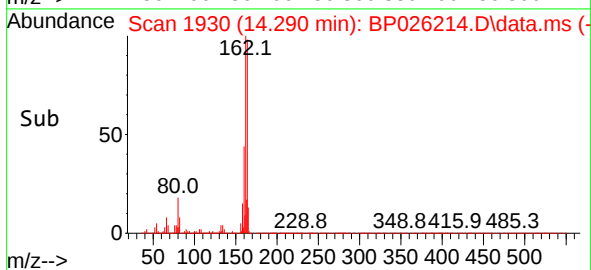
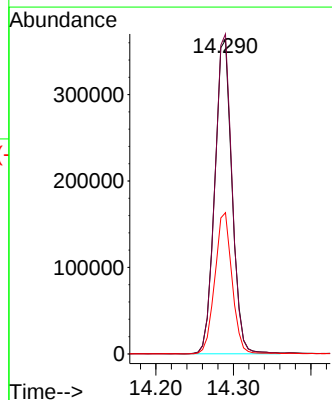
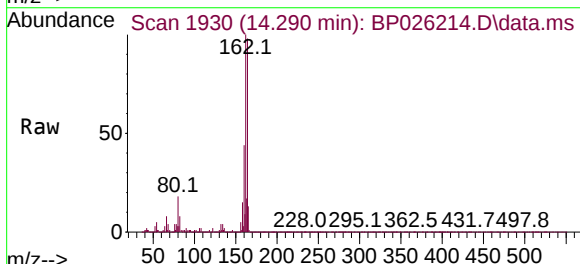
Instrument :
BNA_P
ClientSampleId :
TW-1125-2

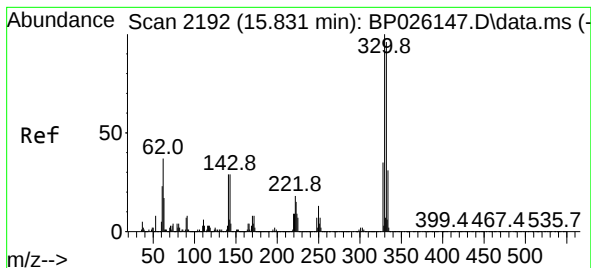
Tgt Ion: 82 Resp: 1215489
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.035 min
Lab File: BP026214.D
Acq: 02 Dec 2025 19:18

Tgt Ion:164 Resp: 562327
Ion Ratio Lower Upper
164 100
162 101.9 80.3 120.5
160 45.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 115.205 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP026214.D

Acq: 02 Dec 2025 19:18

Instrument :

BNA_P

ClientSampleId :

TW-1125-2

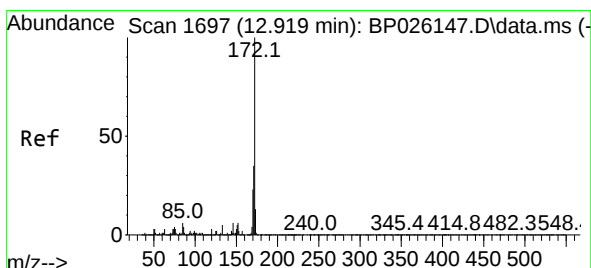
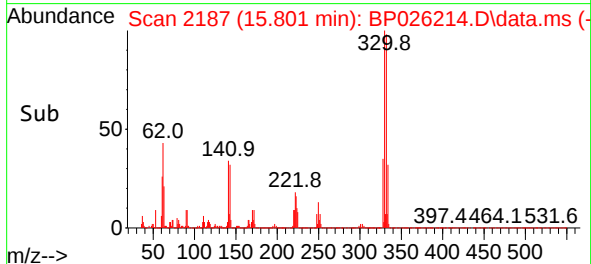
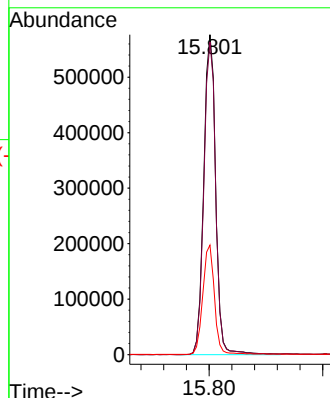
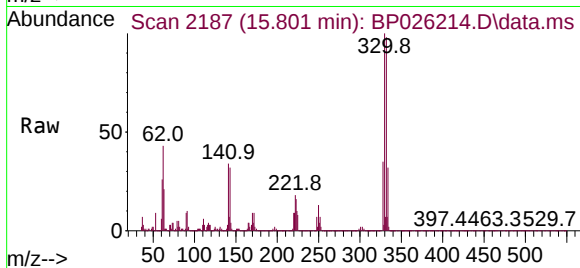
Tgt Ion:330 Resp: 840390

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 33.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 77.752 ng

RT: 12.896 min Scan# 1693

Delta R.T. -0.035 min

Lab File: BP026214.D

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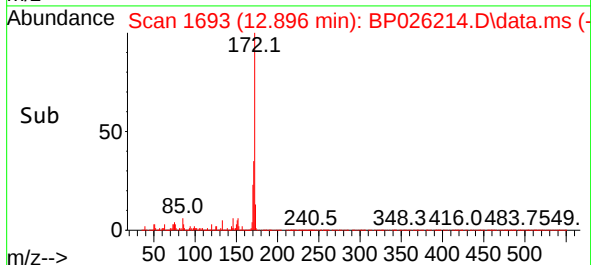
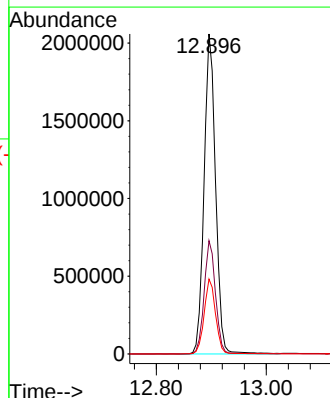
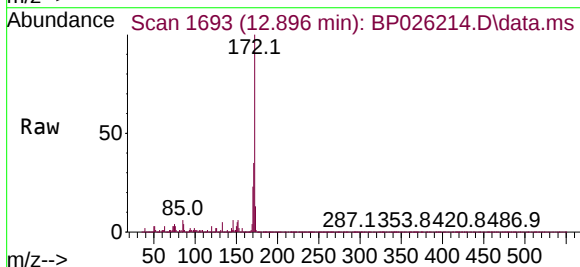
Tgt Ion:172 Resp: 2983236

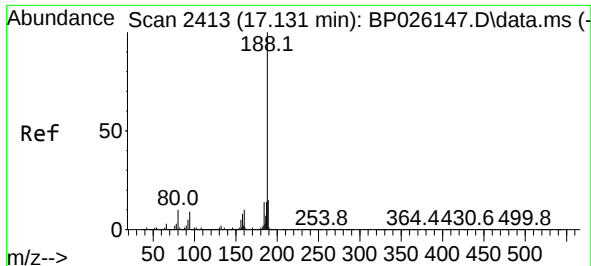
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.4 18.7 28.1

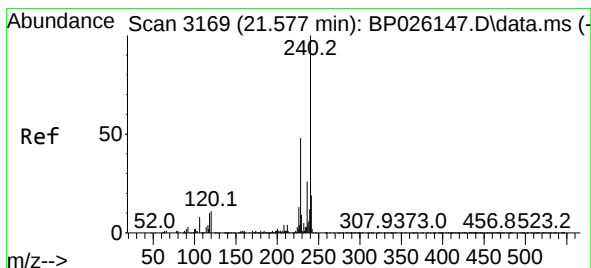
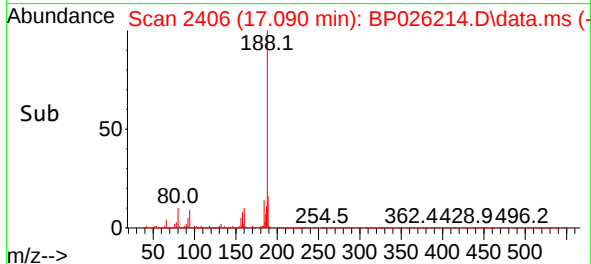
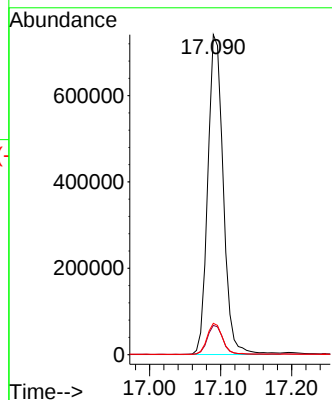
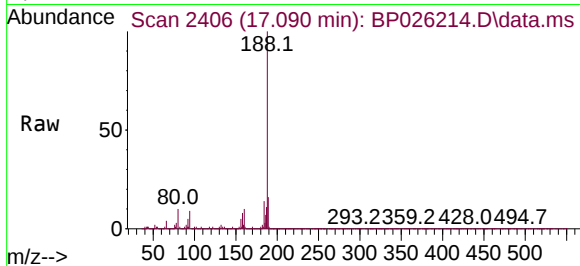




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.090 min Scan# 2413
Delta R.T. -0.041 min
Lab File: BP026214.D
Acq: 02 Dec 2025 19:18

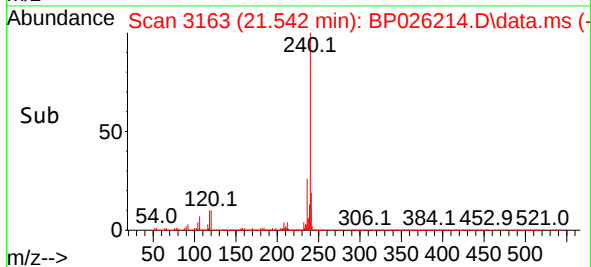
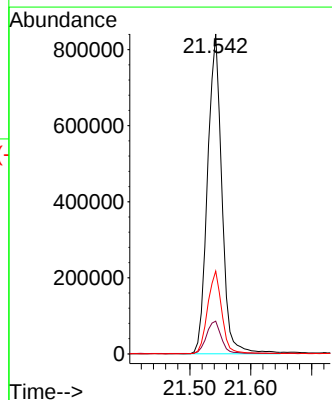
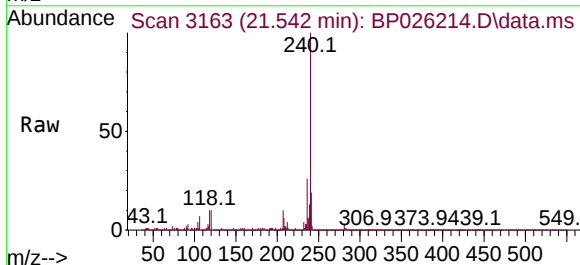
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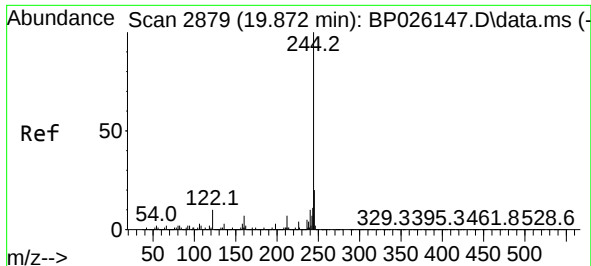
Tgt Ion:188 Resp: 1121686
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 9.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026214.D
Acq: 02 Dec 2025 19:18

Tgt Ion:240 Resp: 1373394
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.9 20.4 30.6

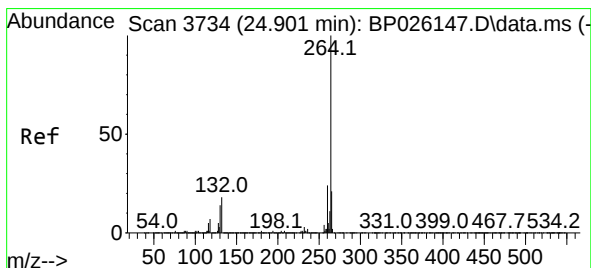
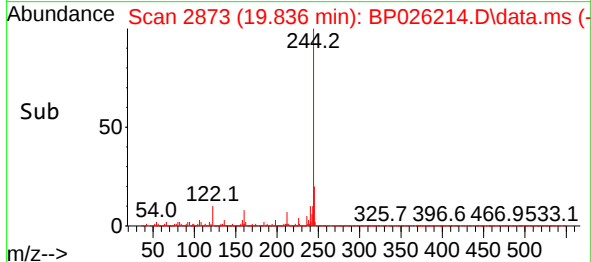
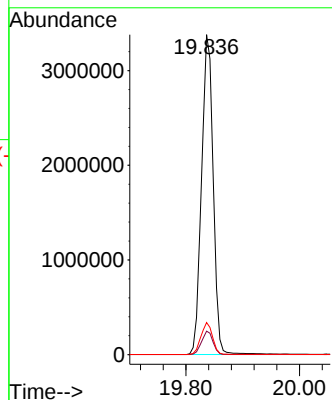
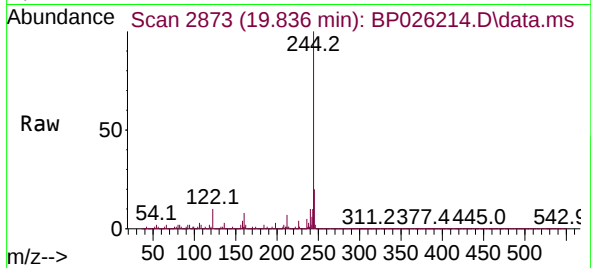




#79
 Terphenyl-d14
 Concen: 71.476 ng
 RT: 19.836 min Scan# 2879
 Delta R.T. -0.035 min
 Lab File: BP026214.D
 Acq: 02 Dec 2025 19:18

Instrument :
 BNA_P
 ClientSampleId :
 TW-1125-2

Tgt Ion:244 Resp: 4814219
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 3723
 Delta R.T. -0.070 min
 Lab File: BP026214.D
 Acq: 02 Dec 2025 19:18

Tgt Ion:264 Resp: 1562141
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.9 17.5 26.3

