

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
 Data File : BP026070.D
 Acq On : 04 Nov 2025 14:11
 Operator : RC/JU
 Sample : PB170372BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170372BL

Quant Time: Nov 04 14:48:47 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	7.690	152	419381	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1585092	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	957469	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1887659	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1951772	20.000	ng	0.02
86) Perylene-d12	24.924	264	2315149	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.308	112	3479364	136.899	ng	0.01
7) Phenol-d6	6.866	99	4206481	130.034	ng	0.01
23) Nitrobenzene-d5	8.825	82	2485776	97.763	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1608137	155.358	ng	0.01
45) 2-Fluorobiphenyl	12.937	172	5907934	88.663	ng	0.00
79) Terphenyl-d14	19.878	244	8702728	90.590	ng	0.01

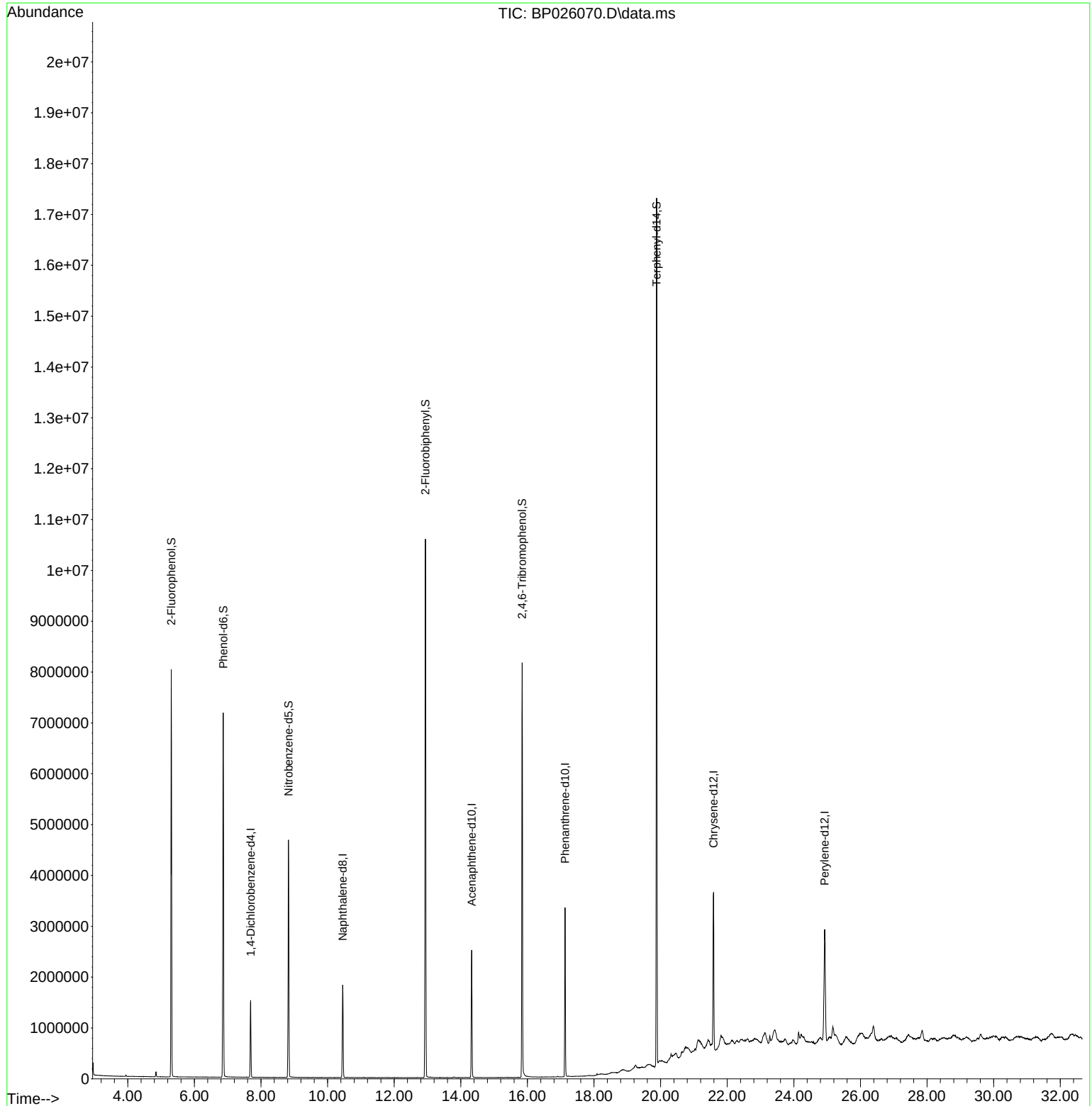
Target Compounds Qvalue

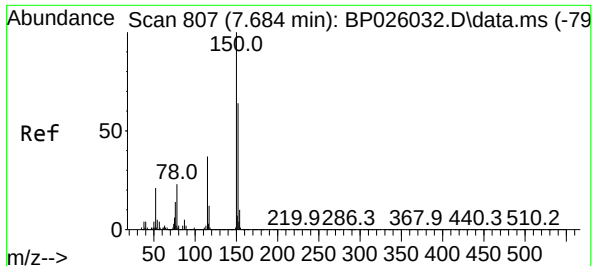
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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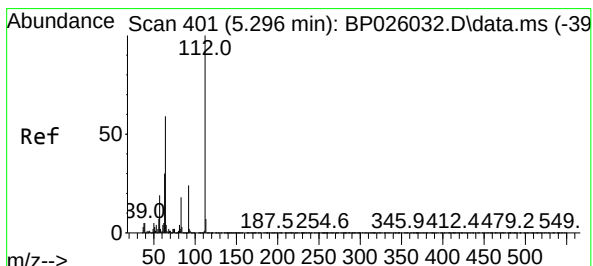
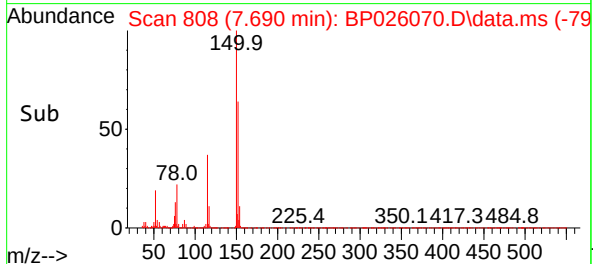
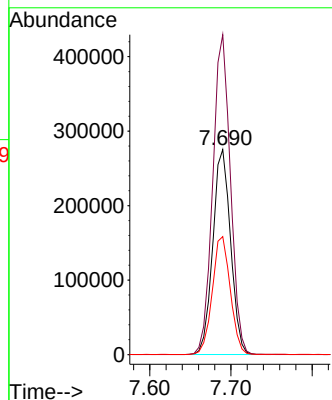
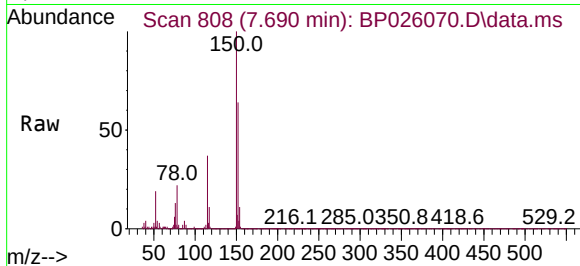




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026070.D
Acq: 04 Nov 2025 14:11

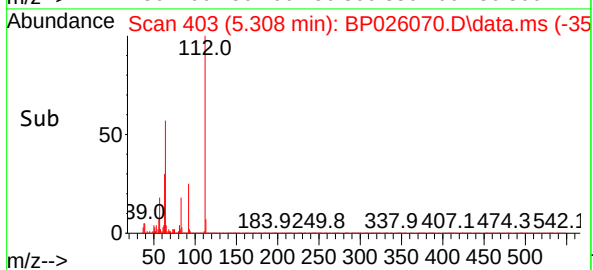
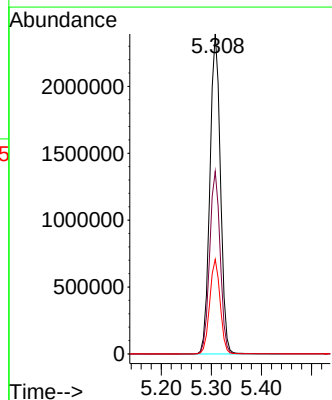
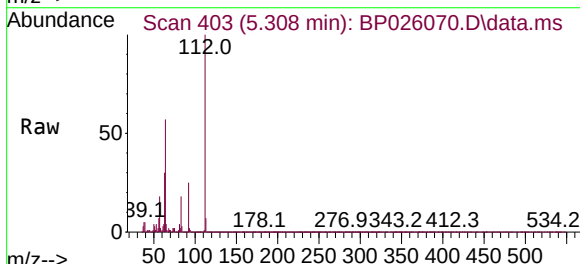
Instrument :
BNA_P
ClientSampleId :
PB170372BL

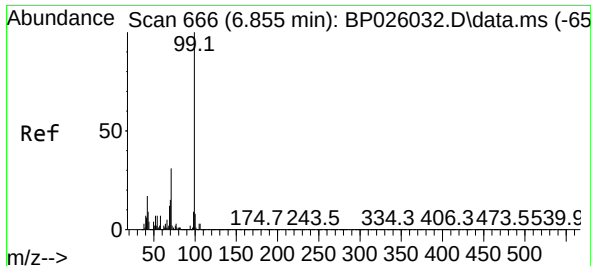
Tgt Ion:152 Resp: 419381
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 57.5 46.4 69.6



#5
2-Fluorophenol
Concen: 136.899 ng
RT: 5.308 min Scan# 403
Delta R.T. 0.012 min
Lab File: BP026070.D
Acq: 04 Nov 2025 14:11

Tgt Ion:112 Resp: 3479364
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.2
63 29.5 24.2 36.4

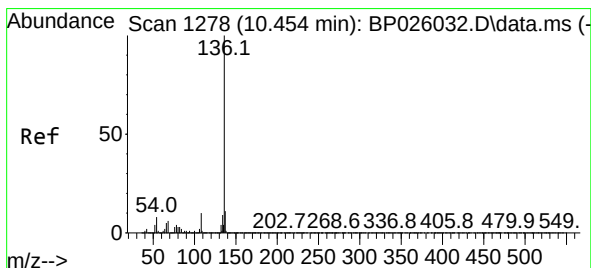
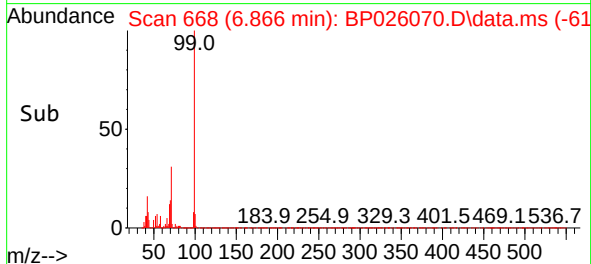
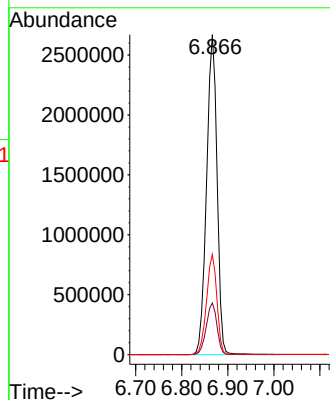
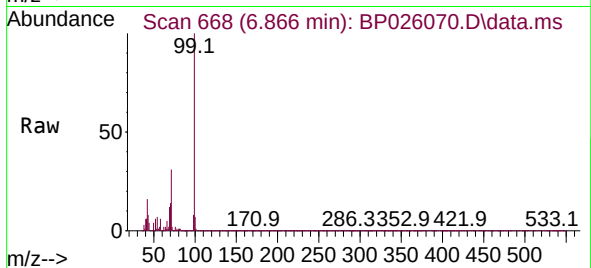




#7
Phenol-d6
Concen: 130.034 ng
RT: 6.866 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP026070.D
Acq: 04 Nov 2025 14:11

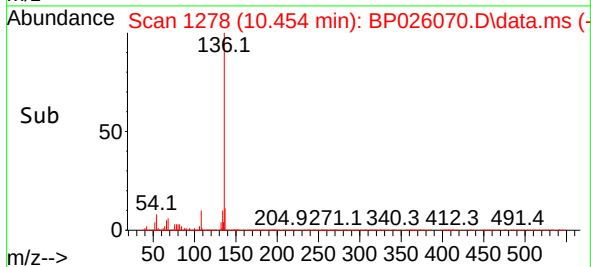
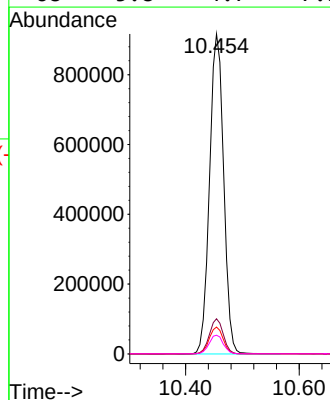
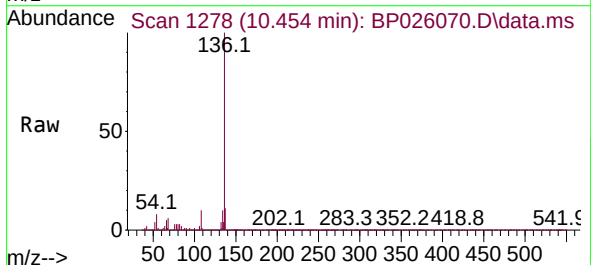
Instrument :
BNA_P
ClientSampleId :
PB170372BL

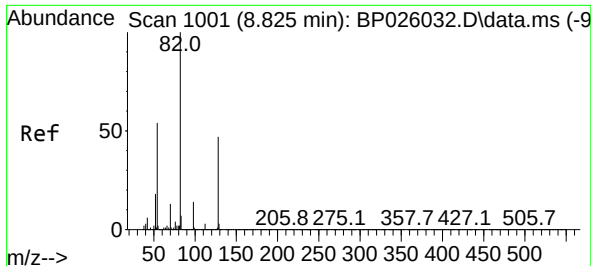
Tgt Ion: 99 Resp: 4206481
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 31.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026070.D
Acq: 04 Nov 2025 14:11

Tgt Ion:136 Resp: 1585092
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 6.6 10.0
68 5.8 4.7 7.1

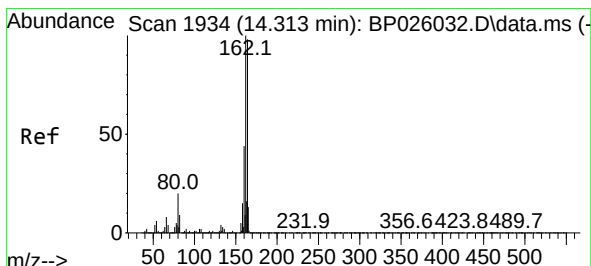
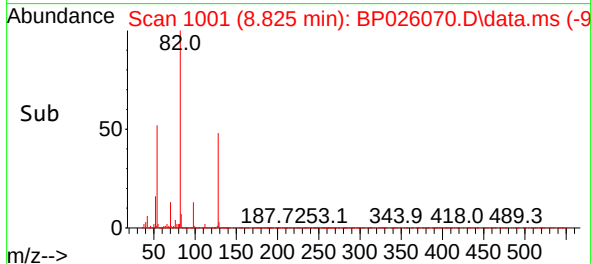
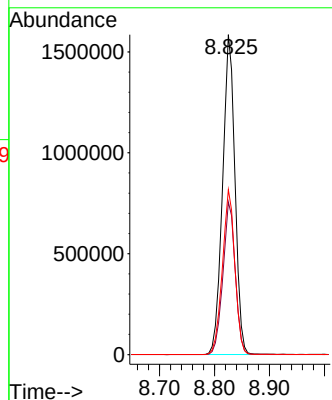
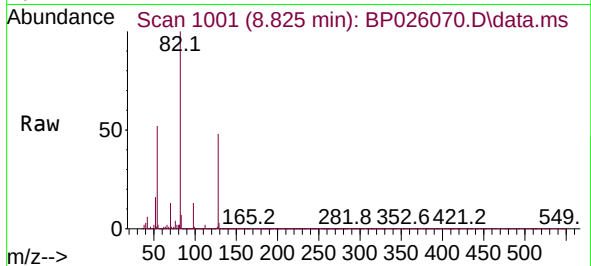




#23
Nitrobenzene-d5
Concen: 97.763 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP026070.D
Acq: 04 Nov 2025 14:11

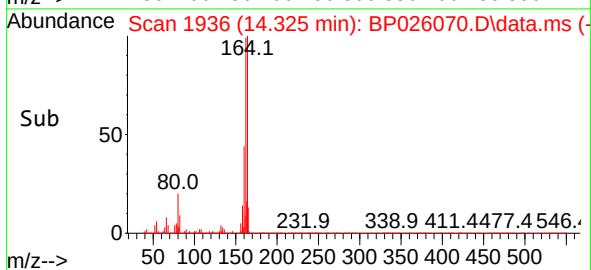
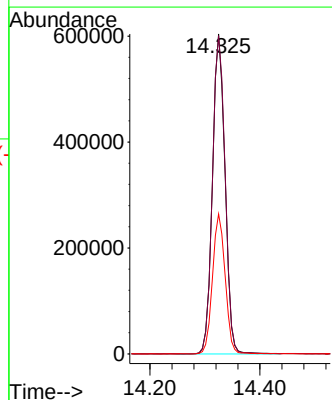
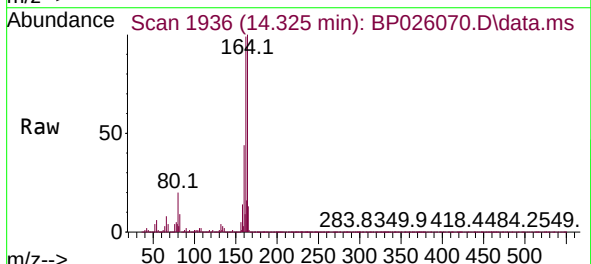
Instrument :
BNA_P
ClientSampleId :
PB170372BL

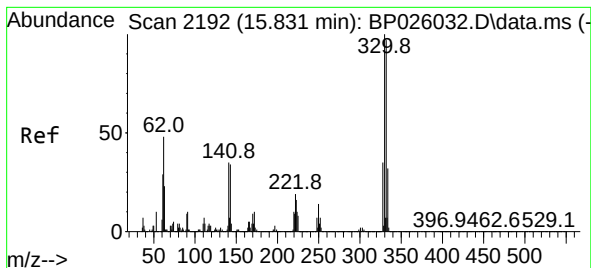
Tgt Ion: 82 Resp: 2485776
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.0
54 51.5 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026070.D
Acq: 04 Nov 2025 14:11

Tgt Ion:164 Resp: 957469
Ion Ratio Lower Upper
164 100
162 99.4 81.5 122.3
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 155.358 ng

RT: 15.842 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026070.D

Acq: 04 Nov 2025 14:11

Instrument :

BNA_P

ClientSampleId :

PB170372BL

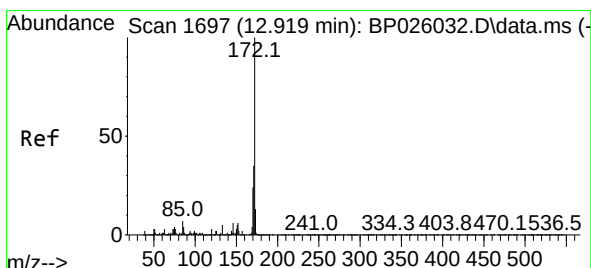
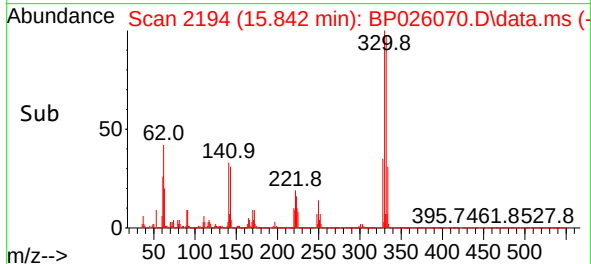
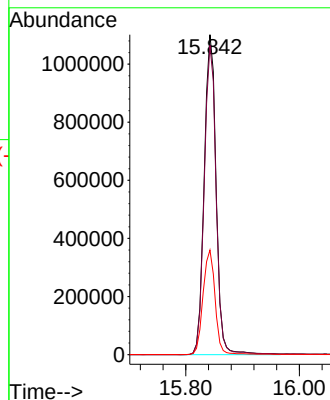
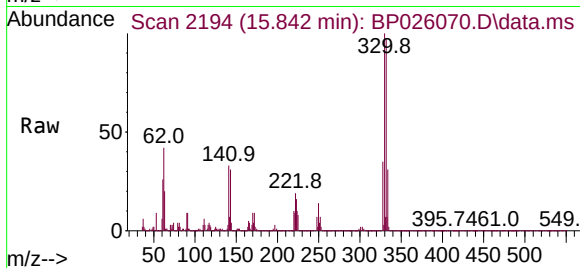
Tgt Ion:330 Resp: 1608137

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 33.2 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 88.663 ng

RT: 12.937 min Scan# 1700

Delta R.T. 0.006 min

Lab File: BP026070.D

Acq: 04 Nov 2025 14:11

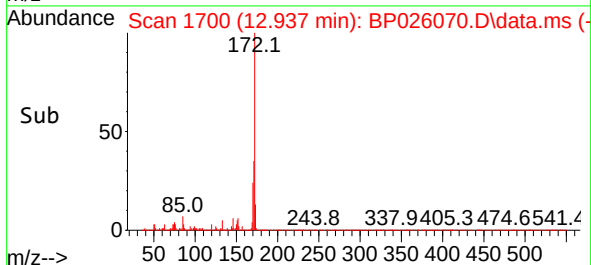
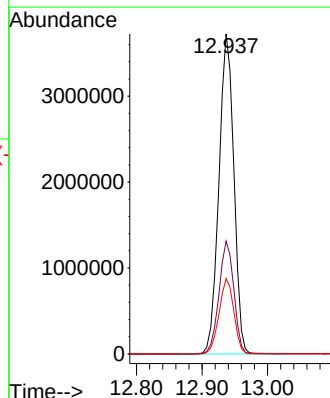
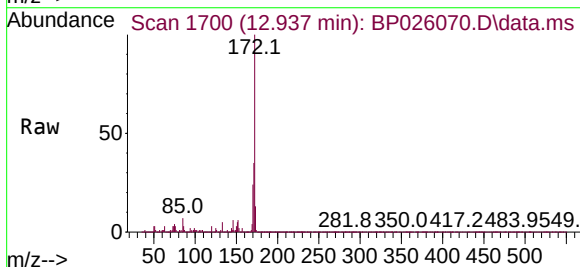
Tgt Ion:172 Resp: 5907934

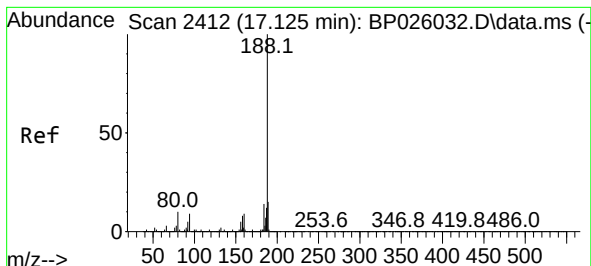
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.131 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP026070.D

Acq: 04 Nov 2025 14:11

Instrument :

BNA_P

ClientSampleId :

PB170372BL

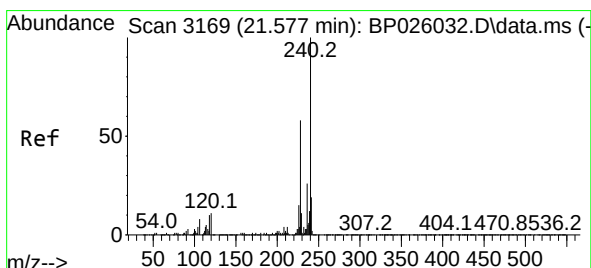
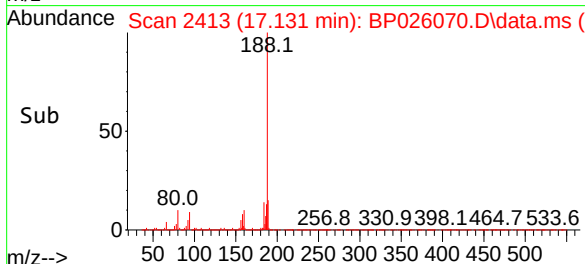
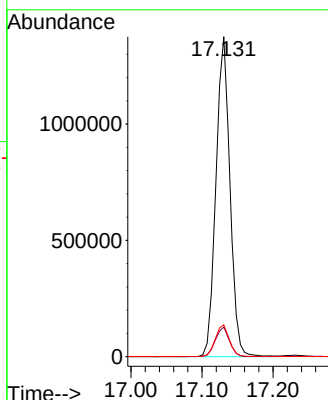
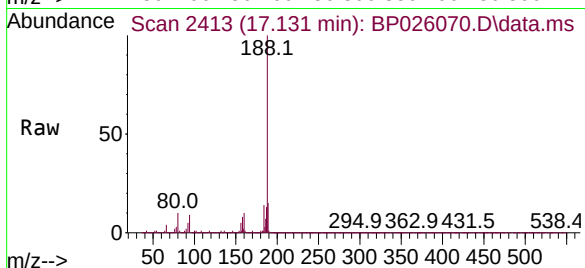
Tgt Ion:188 Resp: 1887659

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 9.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3171

Delta R.T. 0.024 min

Lab File: BP026070.D

Acq: 04 Nov 2025 14:11

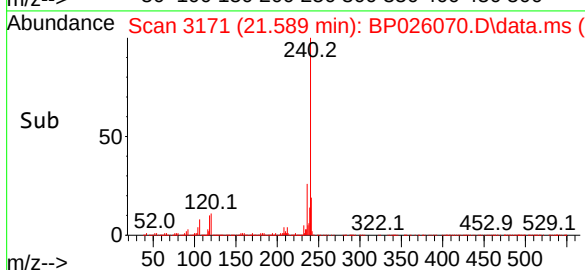
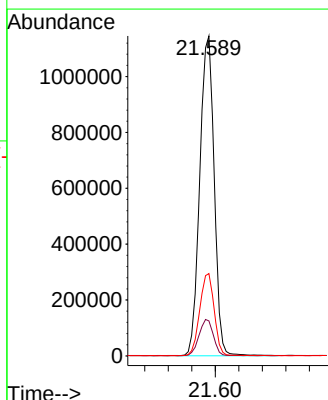
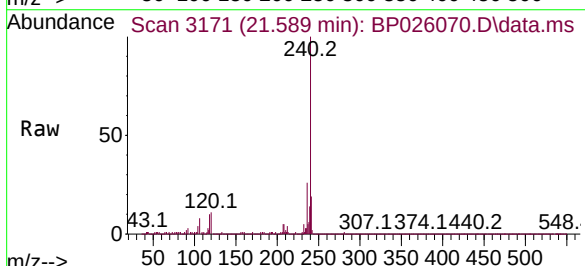
Tgt Ion:240 Resp: 1951772

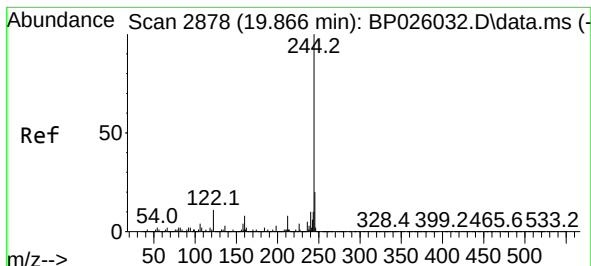
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 90.590 ng

RT: 19.878 min Scan# 2878

Delta R.T. 0.012 min

Lab File: BP026070.D

Acq: 04 Nov 2025 14:11

Instrument :

BNA_P

ClientSampleId :

PB170372BL

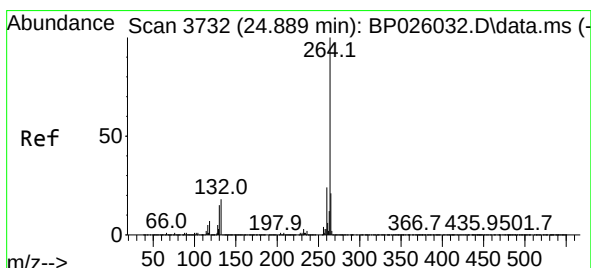
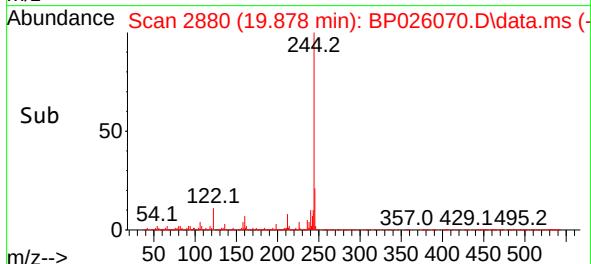
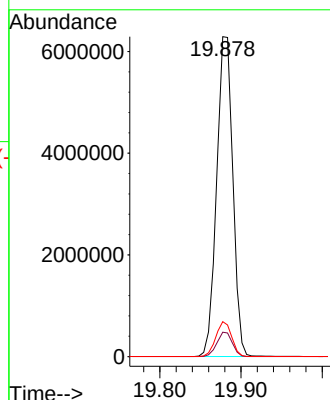
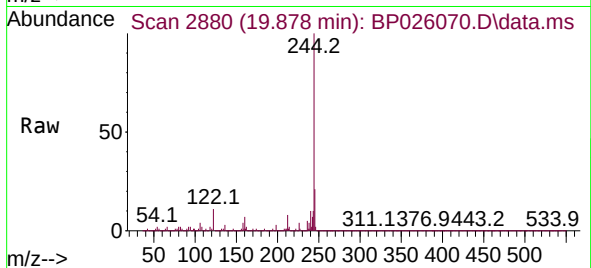
Tgt Ion:244 Resp: 8702728

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 10.9 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: BP026070.D

Acq: 04 Nov 2025 14:11

Tgt Ion:264 Resp: 2315149

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.9 17.2 25.8

