

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026054.D
 Acq On : 03 Nov 2025 11:47
 Operator : RC/JU
 Sample : PB170342BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170342BL

Quant Time: Nov 03 12:08:26 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	7.678	152	336600	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1298621	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	793578	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1683386	20.000	ng	0.00
76) Chrysene-d12	21.560	240	1852671	20.000	ng	0.00
86) Perylene-d12	24.877	264	2010353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2600508	127.483	ng	0.00
7) Phenol-d6	6.855	99	3164552	121.884	ng	0.00
23) Nitrobenzene-d5	8.819	82	1791159	85.984	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1090809	127.143	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4577987	82.893	ng	0.00
79) Terphenyl-d14	19.860	244	7774571	85.258	ng	0.00

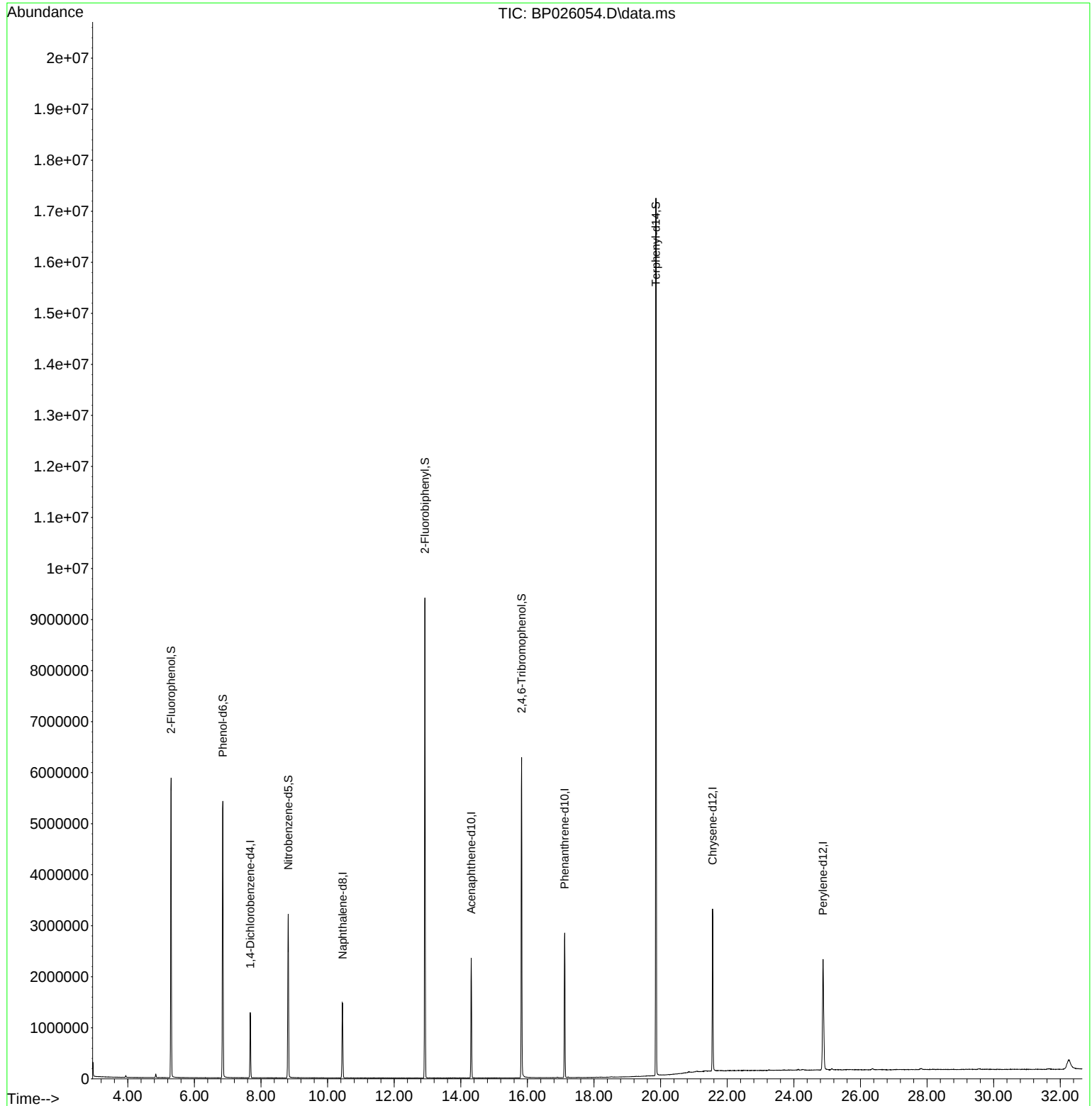
Target Compounds	Qvalue

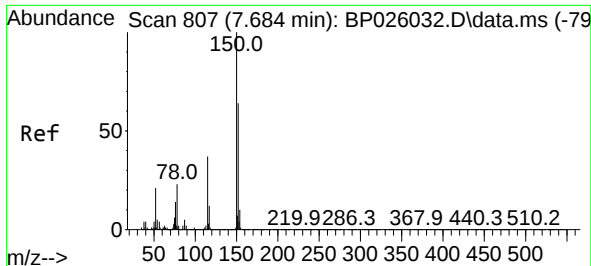
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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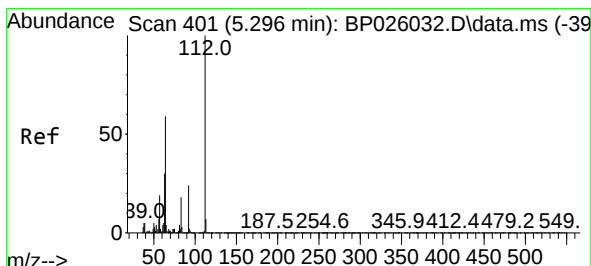
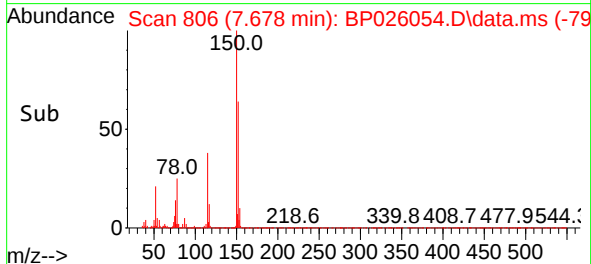
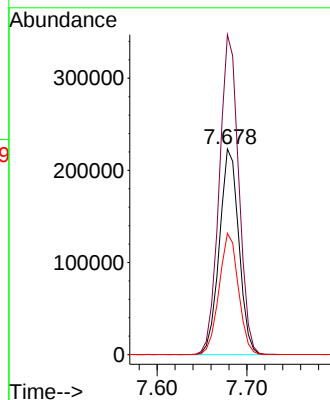
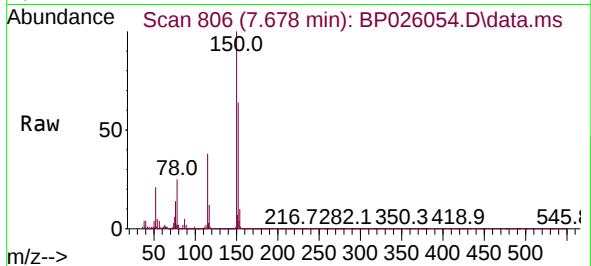




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

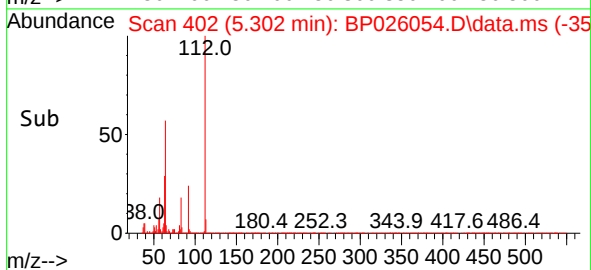
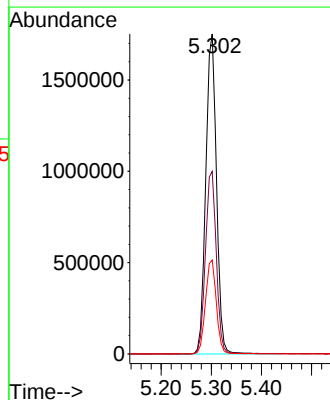
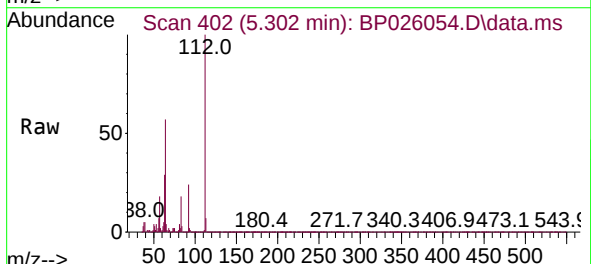
Instrument :
BNA_P
ClientSampleId :
PB170342BL

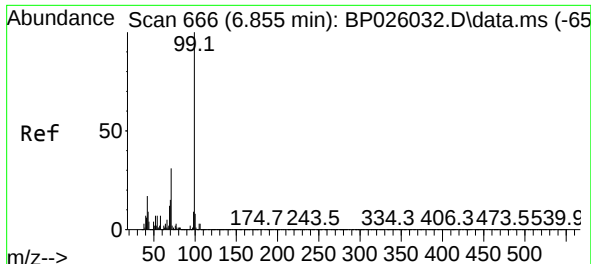
Tgt Ion:152 Resp: 336600
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 58.9 46.4 69.6



#5
2-Fluorophenol
Concen: 127.483 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:112 Resp: 2600508
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.2
63 29.3 24.2 36.4

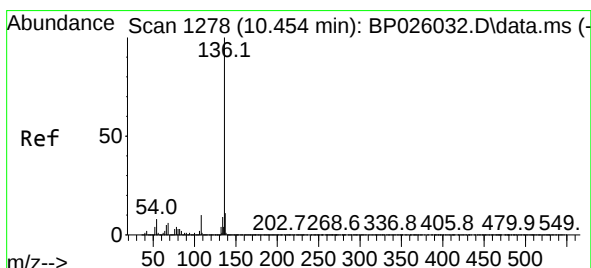
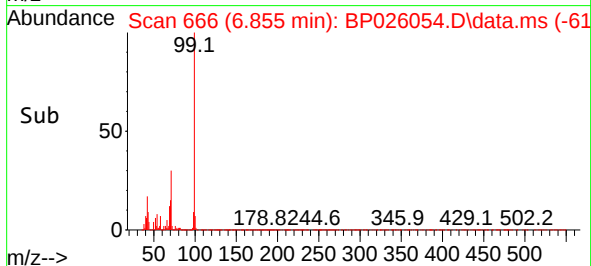
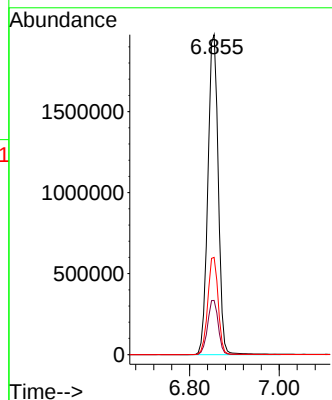
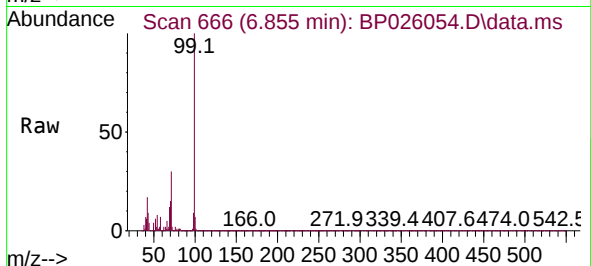




#7
Phenol-d6
Concen: 121.884 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

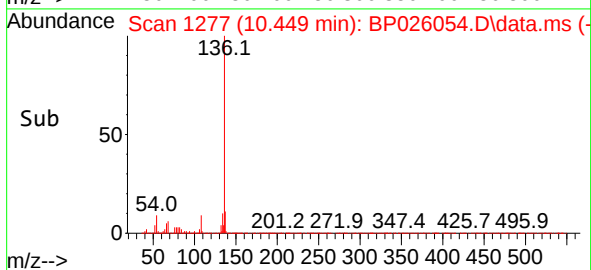
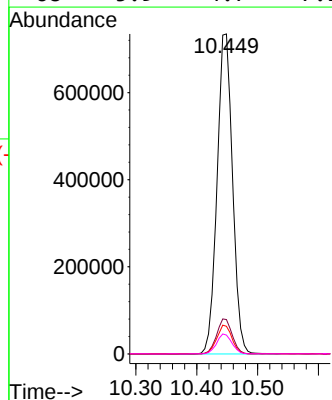
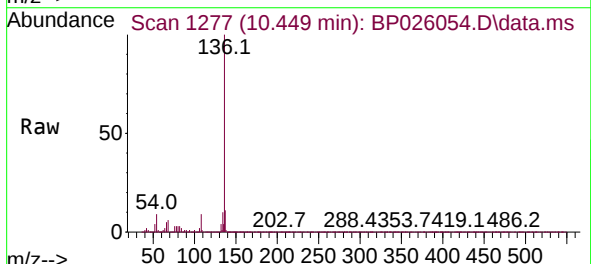
Instrument :
BNA_P
ClientSampleId :
PB170342BL

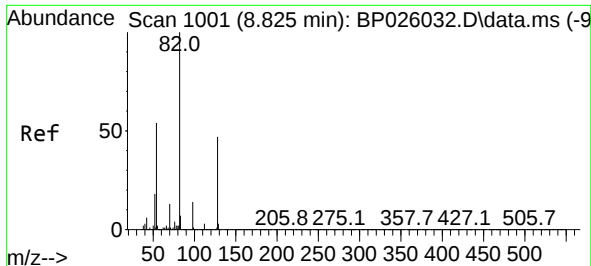
Tgt Ion: 99 Resp: 3164552
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 30.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:136 Resp: 1298621
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.6 6.6 10.0
68 5.9 4.7 7.1

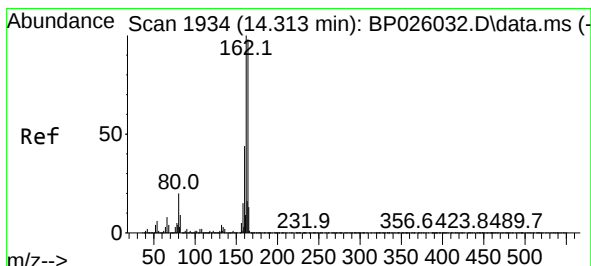
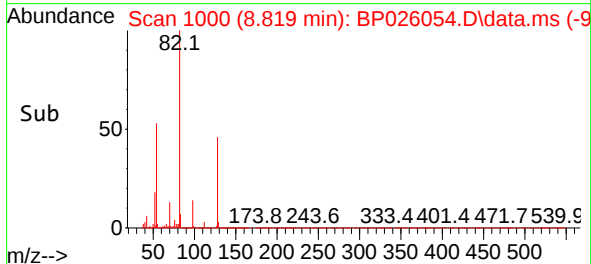
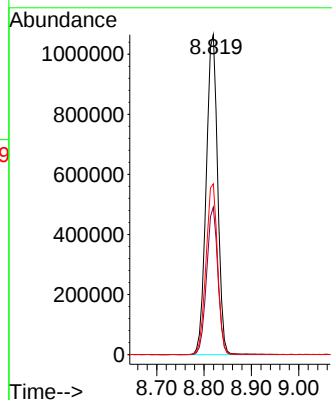
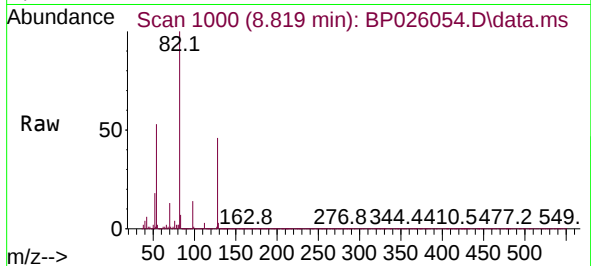




#23
Nitrobenzene-d5
Concen: 85.984 ng
RT: 8.819 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

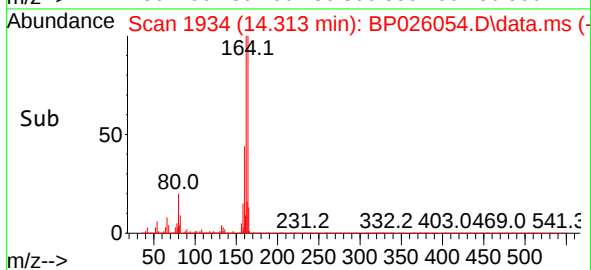
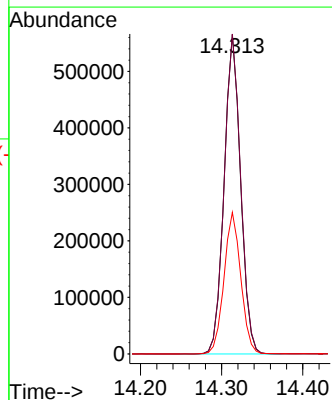
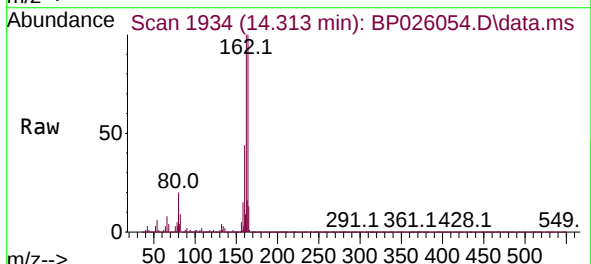
Instrument :
BNA_P
ClientSampleId :
PB170342BL

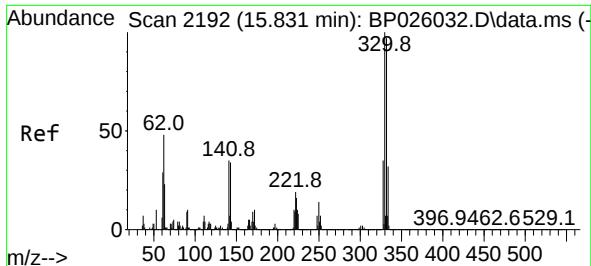
Tgt Ion: 82 Resp: 1791159
Ion Ratio Lower Upper
82 100
128 46.1 37.4 56.0
54 53.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion: 164 Resp: 793578
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 44.3 36.2 54.4

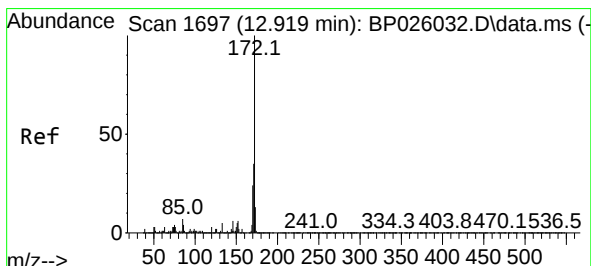
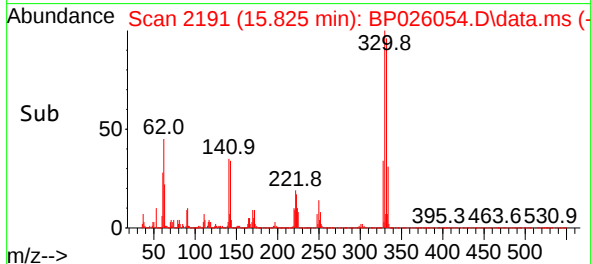
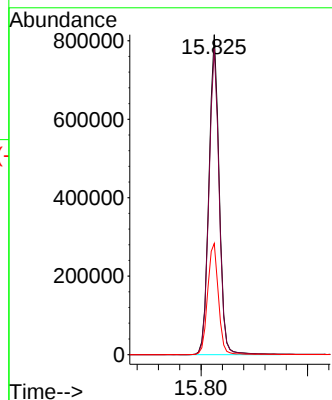
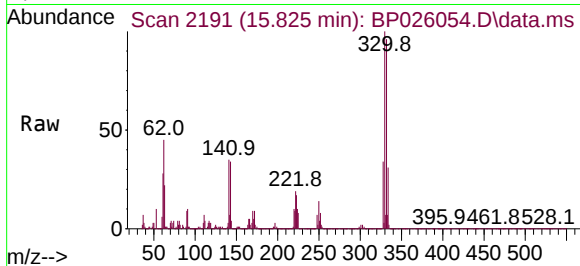




#42
2,4,6-Tribromophenol
Concen: 127.143 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

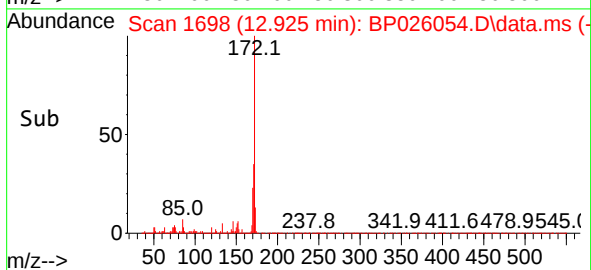
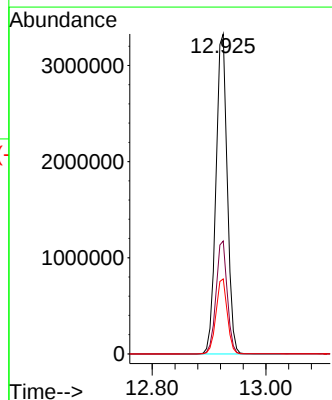
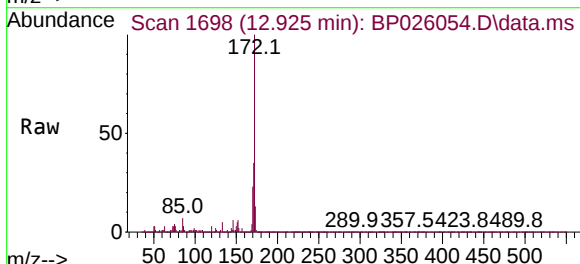
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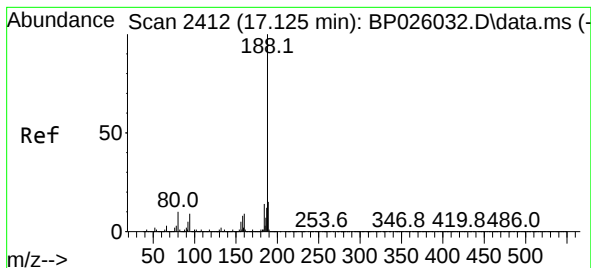
Tgt Ion:330 Resp: 1090809
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 36.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 82.893 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:172 Resp: 4577987
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP026054.D

Acq: 03 Nov 2025 11:47

Instrument :

BNA_P

ClientSampleId :

PB170342BL

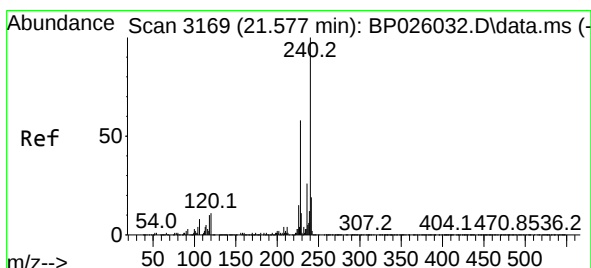
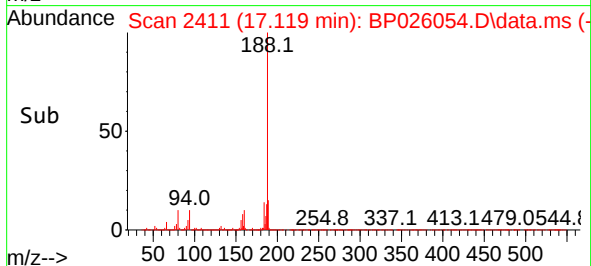
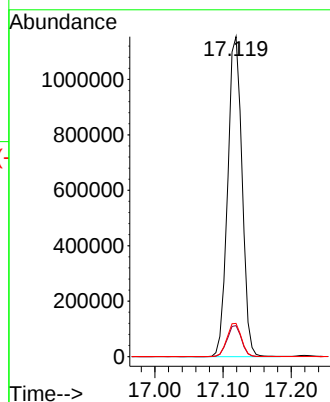
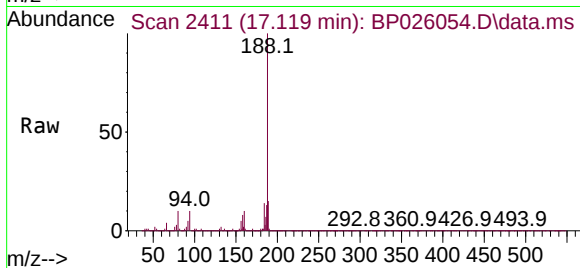
Tgt Ion:188 Resp: 1683386

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BP026054.D

Acq: 03 Nov 2025 11:47

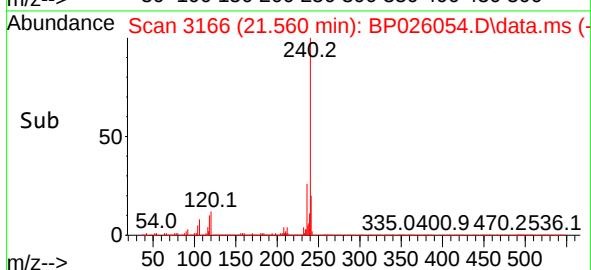
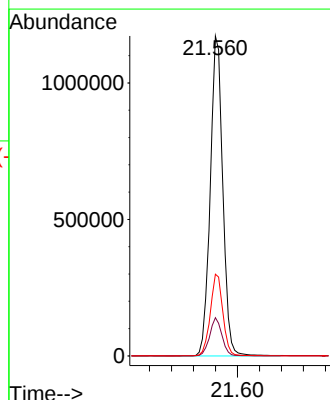
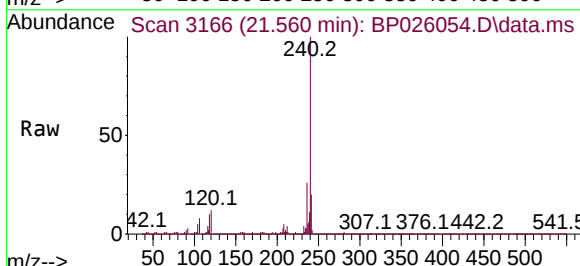
Tgt Ion:240 Resp: 1852671

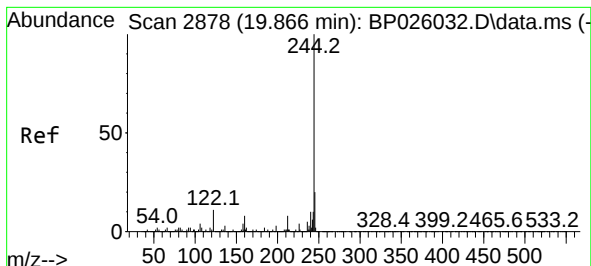
Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 85.258 ng

RT: 19.860 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP026054.D

Acq: 03 Nov 2025 11:47

Instrument :

BNA_P

ClientSampleId :

PB170342BL

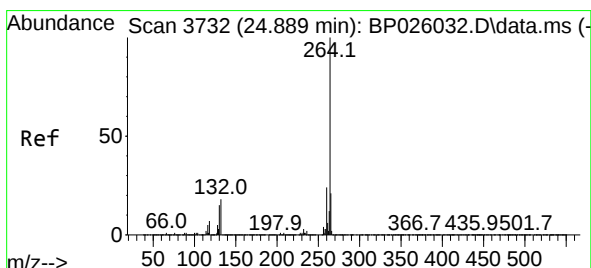
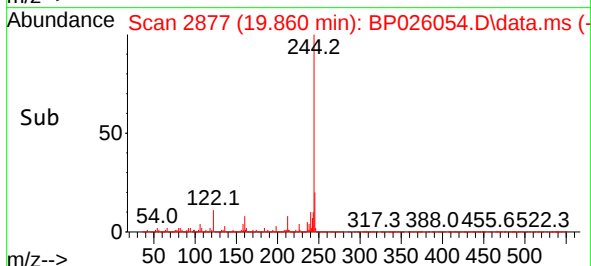
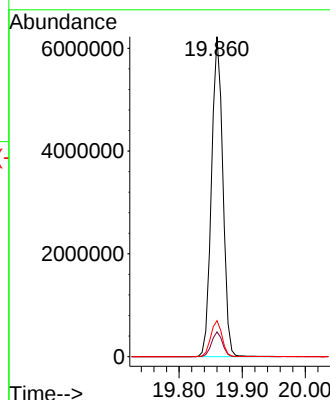
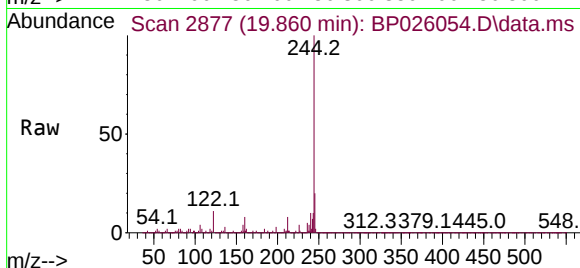
Tgt Ion:244 Resp: 7774571

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 11.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.877 min Scan# 3730

Delta R.T. -0.006 min

Lab File: BP026054.D

Acq: 03 Nov 2025 11:47

Tgt Ion:264 Resp: 2010353

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.6 17.2 25.8

