

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026049.D
 Acq On : 30 Oct 2025 19:49
 Operator : RC/JU
 Sample : Q3447-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW4-251023-01

Quant Time: Oct 31 02:16:15 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	333300	20.000	ng	0.00
21) Naphthalene-d8	10.455	136	1282245	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	456052	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1392997	20.000	ng	0.01
76) Chrysene-d12	21.595	240	641838	20.000	ng	# 0.03
86) Perylene-d12	24.919	264	31253	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.308	112	2457587	121.670	ng	0.01
7) Phenol-d6	6.855	99	2295885	89.302	ng	0.00
23) Nitrobenzene-d5	8.819	82	1895871	92.173	ng	0.00
42) 2,4,6-Tribromophenol	15.843	330	1177380	238.802	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	4496072	141.662	ng	0.00
79) Terphenyl-d14	19.878	244	6532097	206.768	ng	0.01

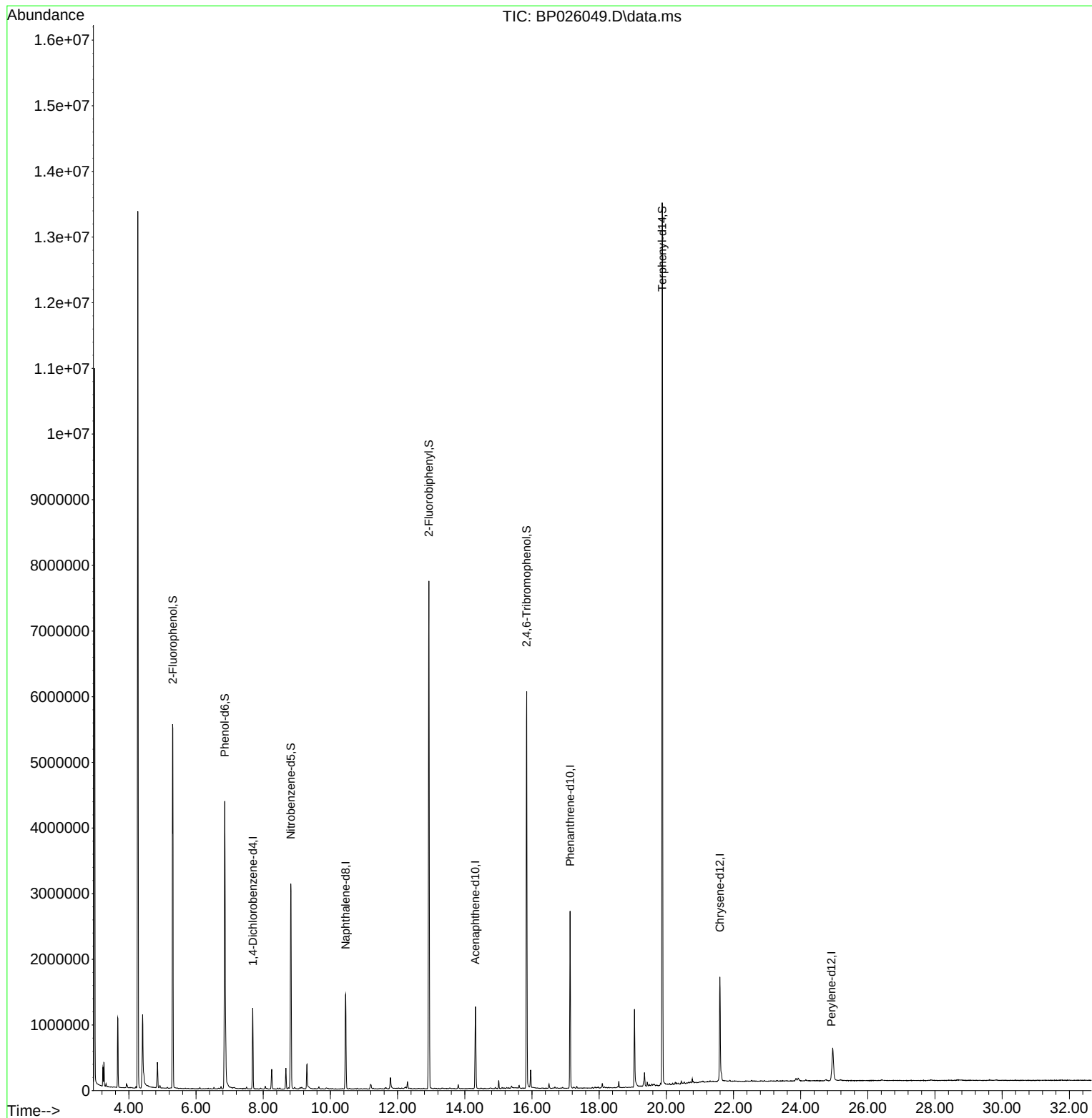
Target Compounds	Qvalue

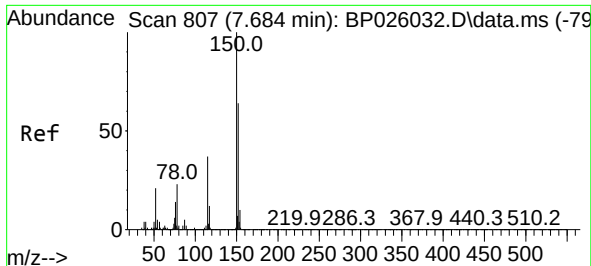
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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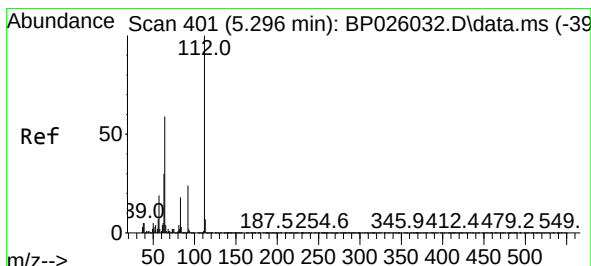
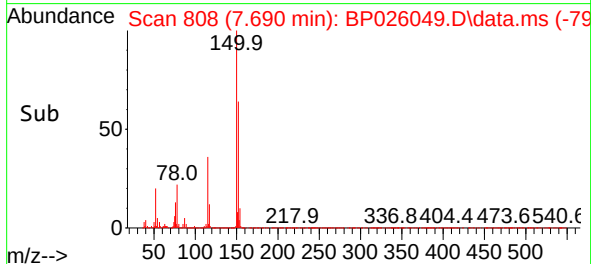
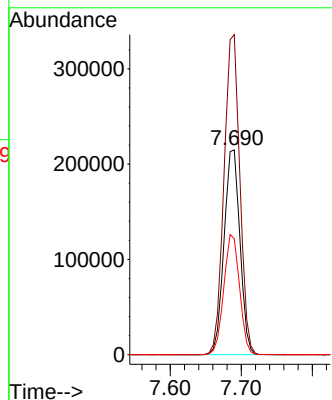
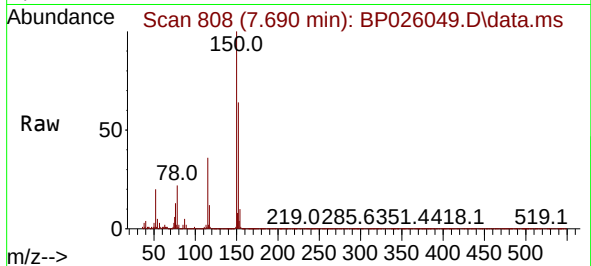




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026049.D
Acq: 30 Oct 2025 19:49

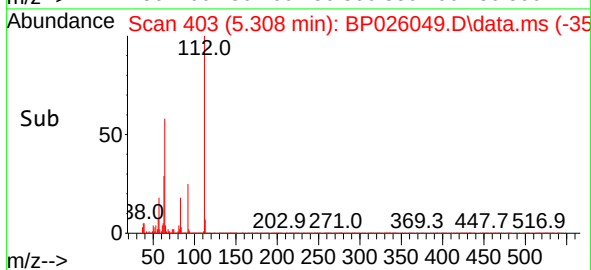
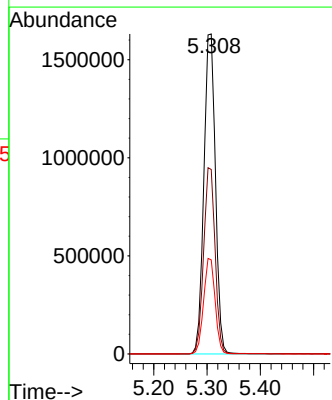
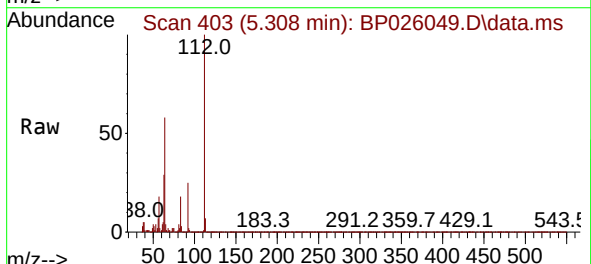
Instrument :
BNA_P
ClientSampleId :
P001-TW4-251023-01

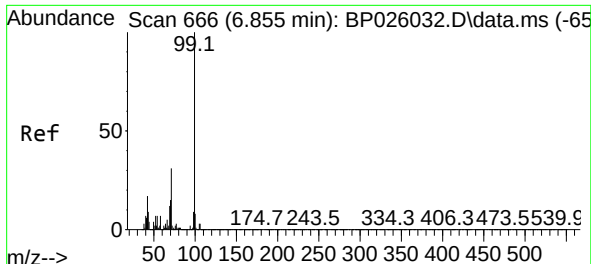
Tgt Ion:152 Resp: 333300
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 56.7 46.4 69.6



#5
2-Fluorophenol
Concen: 121.670 ng
RT: 5.308 min Scan# 403
Delta R.T. 0.012 min
Lab File: BP026049.D
Acq: 30 Oct 2025 19:49

Tgt Ion:112 Resp: 2457587
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.2
63 29.4 24.2 36.4

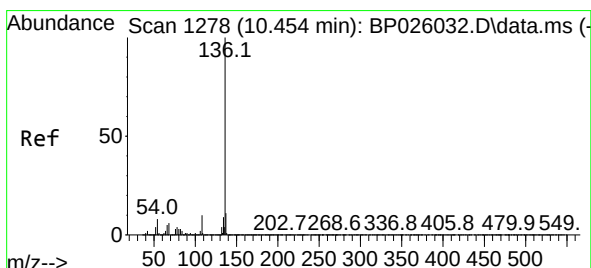
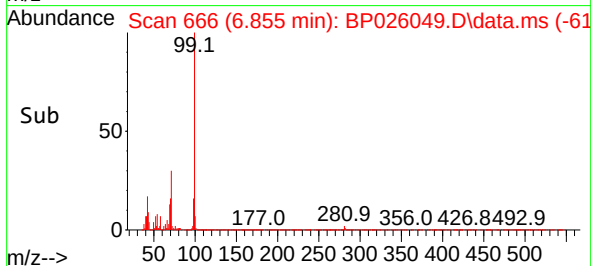
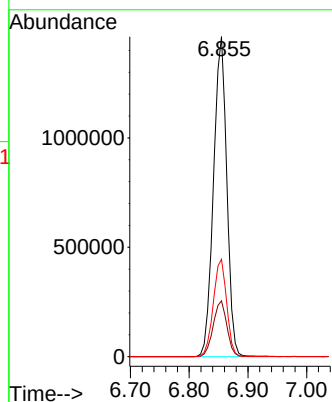
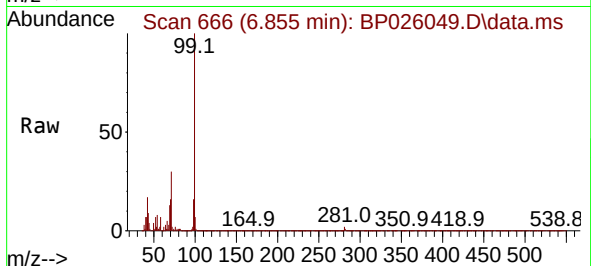




#7
Phenol-d6
Concen: 89.302 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026049.D
Acq: 30 Oct 2025 19:49

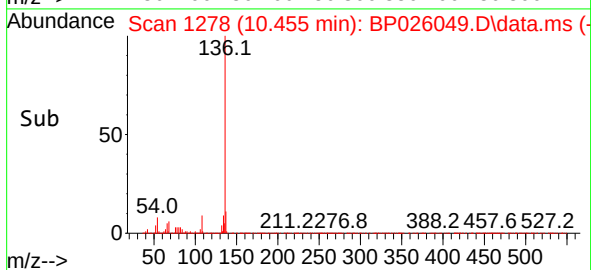
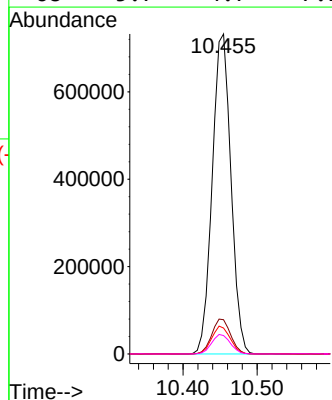
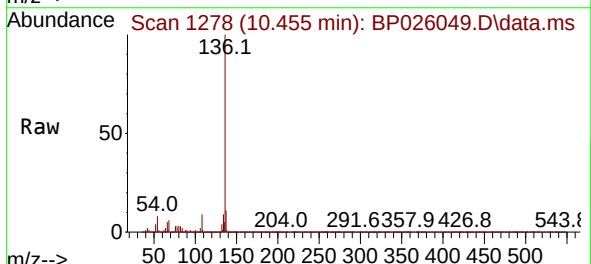
Instrument :
BNA_P
ClientSampleId :
P001-TW4-251023-01

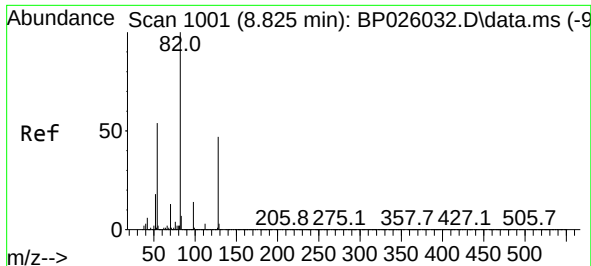
Tgt Ion: 99 Resp: 2295885
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026049.D
Acq: 30 Oct 2025 19:49

Tgt Ion:136 Resp: 1282245
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.6 10.0
68 5.7 4.7 7.1

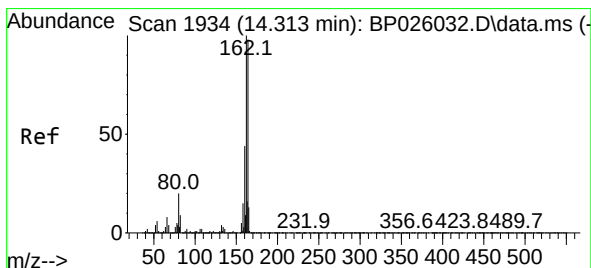
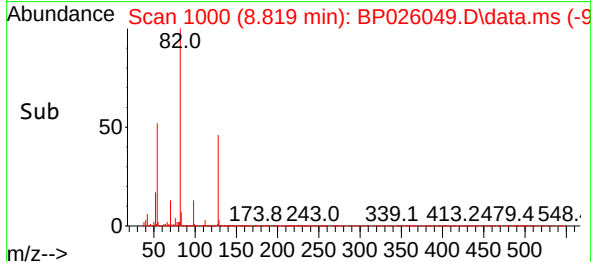
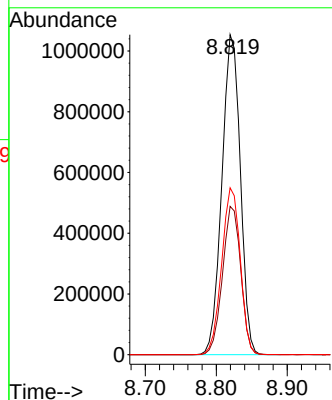
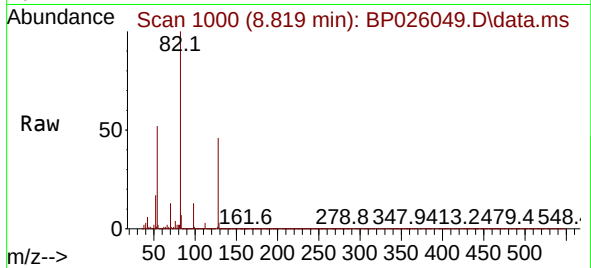




#23
Nitrobenzene-d5
Concen: 92.173 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026049.D
Acq: 30 Oct 2025 19:49

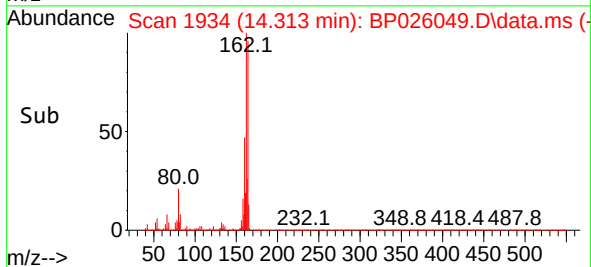
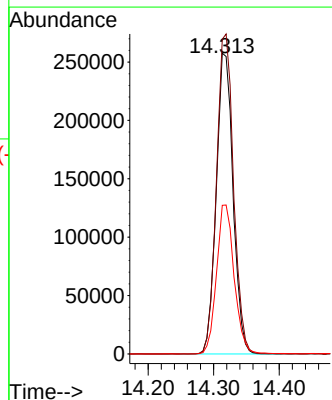
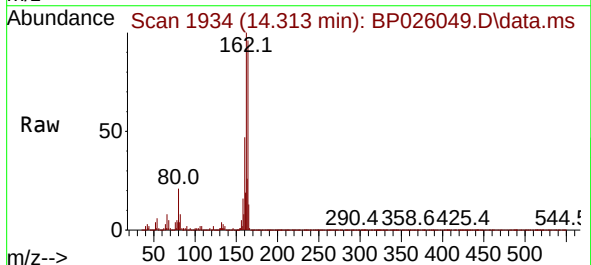
Instrument :
BNA_P
ClientSampleId :
P001-TW4-251023-01

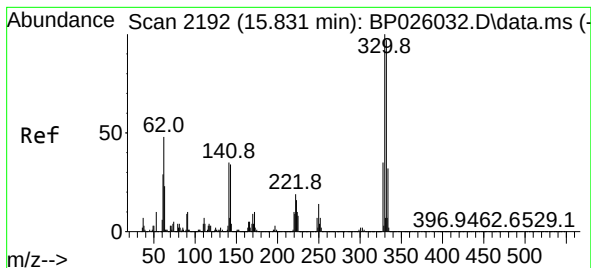
Tgt Ion: 82 Resp: 1895871
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.0
54 52.2 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026049.D
Acq: 30 Oct 2025 19:49

Tgt Ion:164 Resp: 456052
Ion Ratio Lower Upper
164 100
162 104.6 81.5 122.3
160 49.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 238.802 ng

RT: 15.843 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026049.D

Acq: 30 Oct 2025 19:49

Instrument :

BNA_P

ClientSampleId :

P001-TW4-251023-01

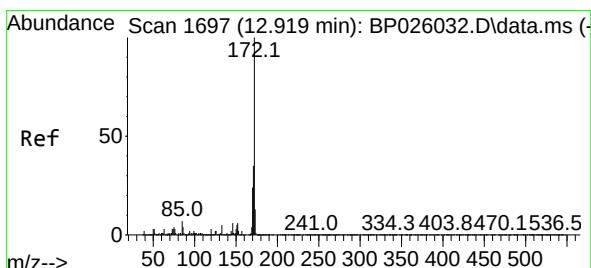
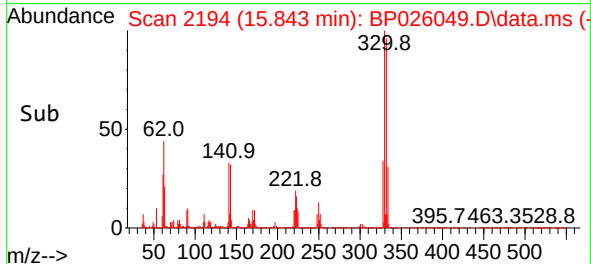
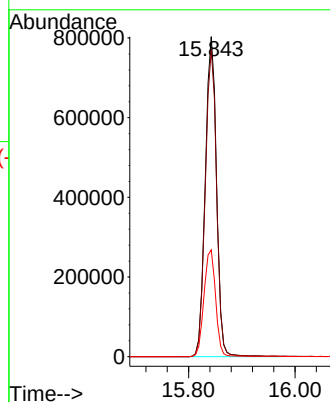
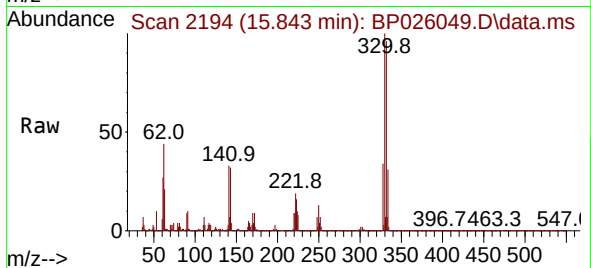
Tgt Ion:330 Resp: 1177380

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 34.6 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 141.662 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026049.D

Acq: 30 Oct 2025 19:49

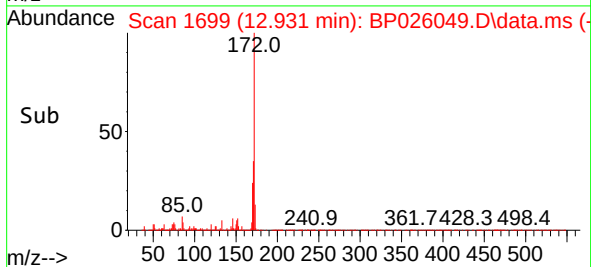
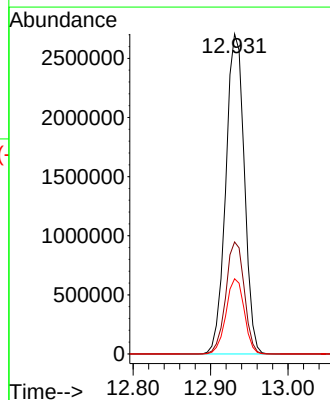
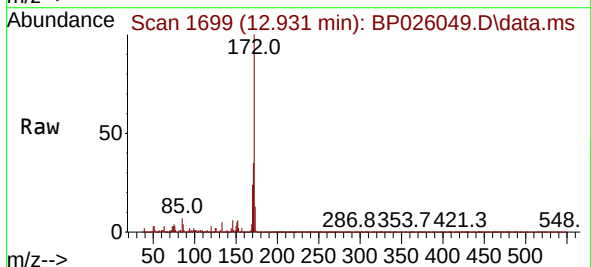
Tgt Ion:172 Resp: 4496072

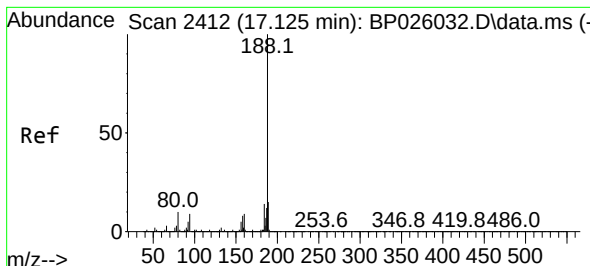
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.137 min Scan# 2412

Delta R.T. 0.012 min

Lab File: BP026049.D

Acq: 30 Oct 2025 19:49

Instrument :

BNA_P

ClientSampleId :

P001-TW4-251023-01

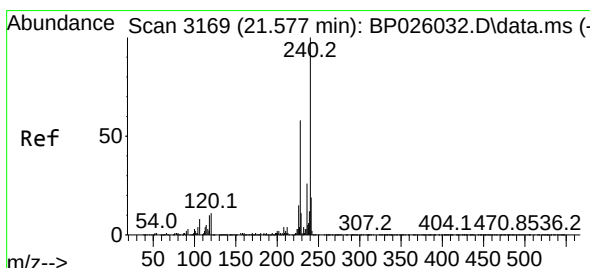
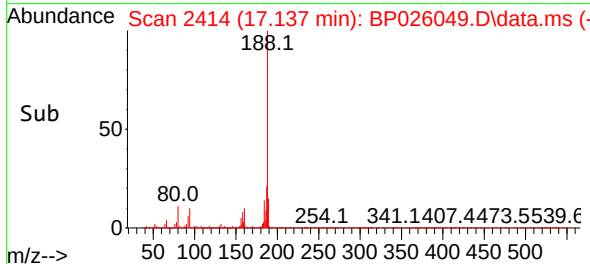
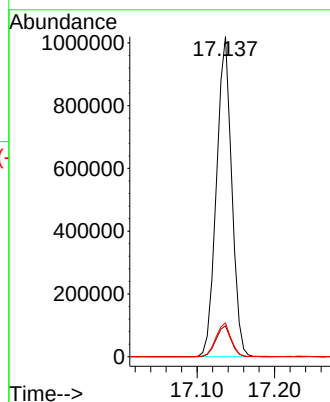
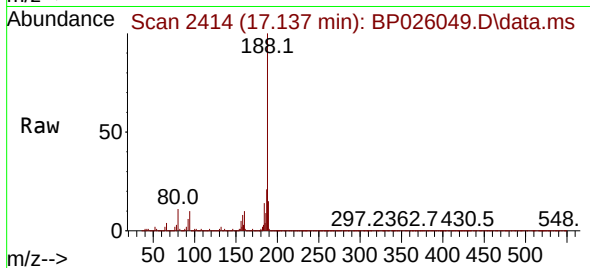
Tgt Ion:188 Resp: 1392997

Ion Ratio Lower Upper

188 100

94 9.6 7.1 10.7

80 10.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.595 min Scan# 3172

Delta R.T. 0.030 min

Lab File: BP026049.D

Acq: 30 Oct 2025 19:49

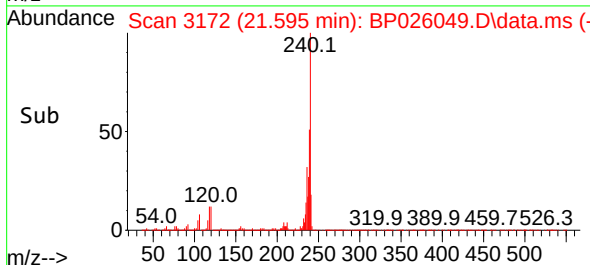
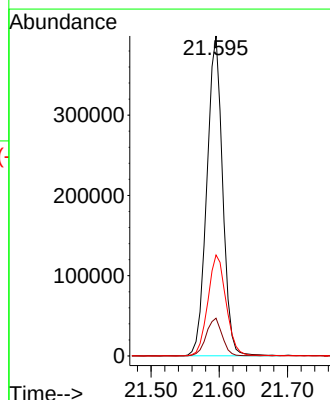
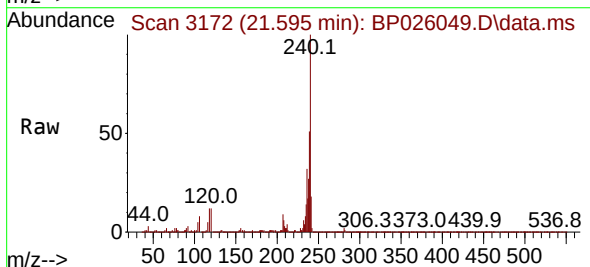
Tgt Ion:240 Resp: 641838

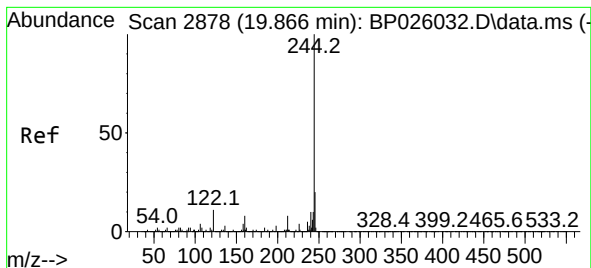
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 31.5 20.6 31.0#





#79

Terphenyl-d14

Concen: 206.768 ng

RT: 19.878 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026049.D

Acq: 30 Oct 2025 19:49

Instrument :

BNA_P

ClientSampleId :

P001-TW4-251023-01

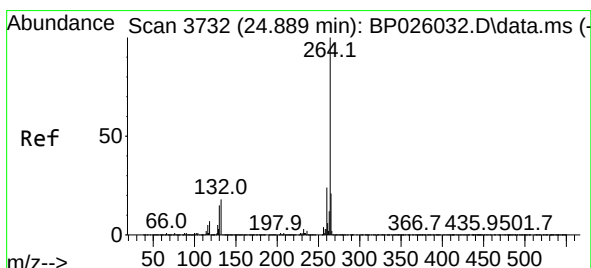
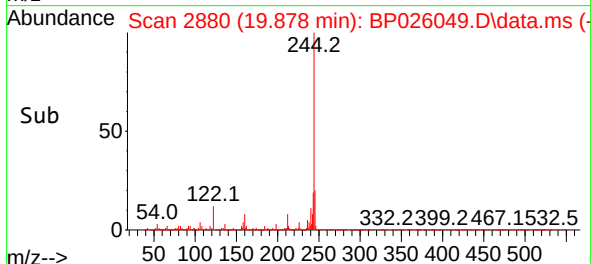
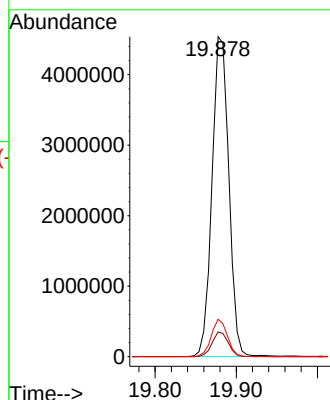
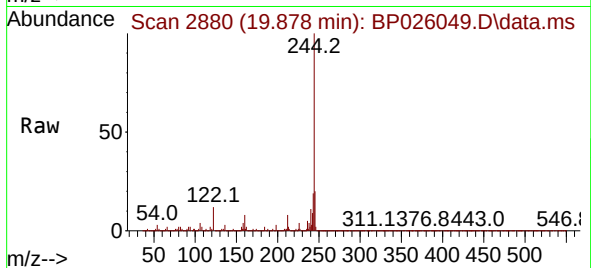
Tgt Ion:244 Resp: 6532097

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 11.7 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.919 min Scan# 3737

Delta R.T. 0.036 min

Lab File: BP026049.D

Acq: 30 Oct 2025 19:49

Tgt Ion:264 Resp: 31253

Ion Ratio Lower Upper

264 100

260 167.0 19.1 28.7#

265 26.6 17.2 25.8#

