

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142558.D
Acq On : 27 May 2025 13:24
Operator : RC/JU
Sample : PB168164BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168164BL

Quant Time: May 27 13:50:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	109499	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	425923	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	237471	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	441242	20.000	ng	0.00
76) Chrysene-d12	14.068	240	288683	20.000	ng	0.00
86) Perylene-d12	15.562	264	236188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	815575	125.485	ng	0.00
7) Phenol-d6	6.522	99	983292	125.681	ng	-0.01
23) Nitrobenzene-d5	7.457	82	608967	77.963	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	343698	130.405	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1319809	74.578	ng	-0.01
79) Terphenyl-d14	13.015	244	1481266	70.119	ng	0.00

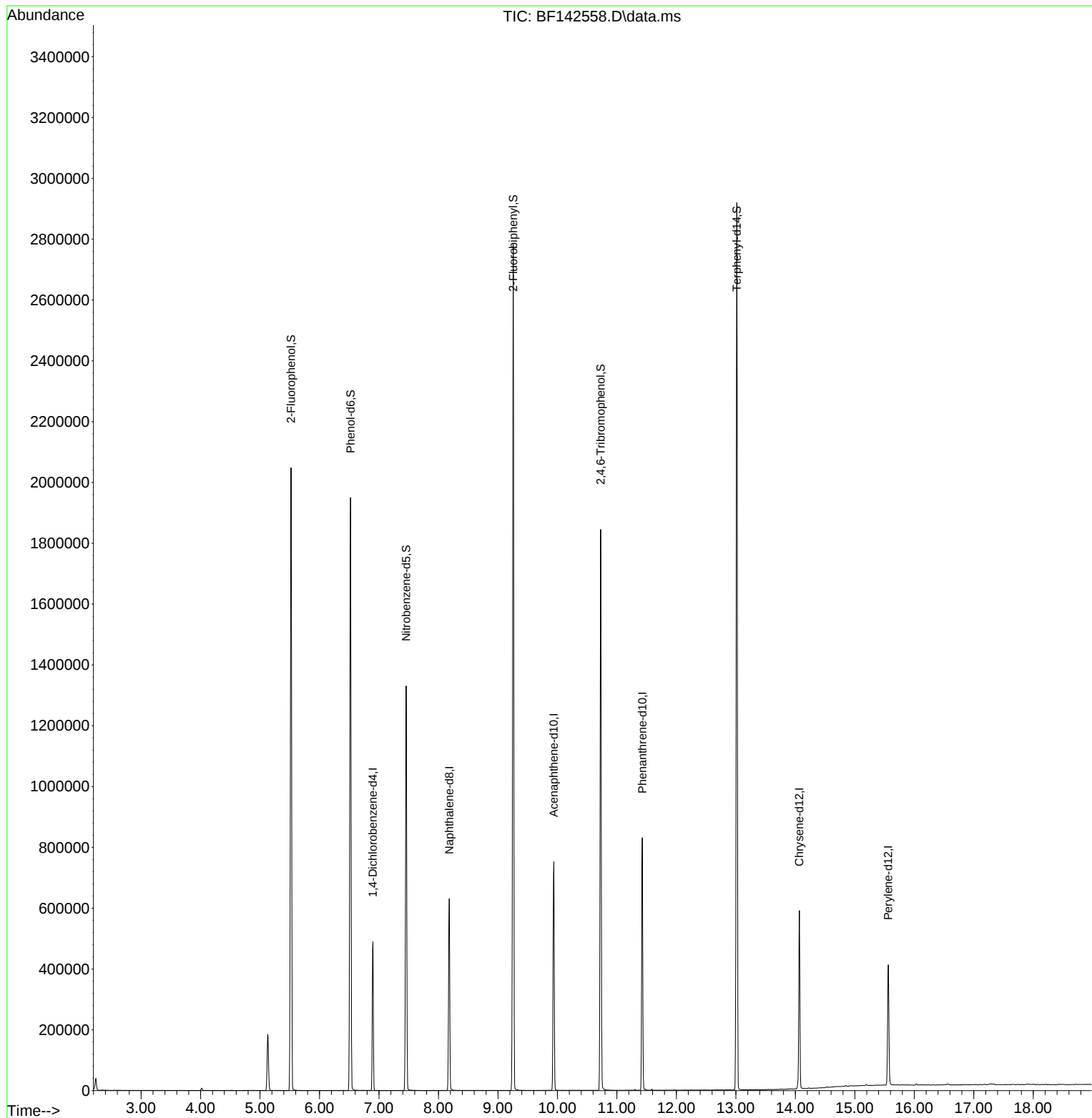
Target Compounds	Qvalue

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

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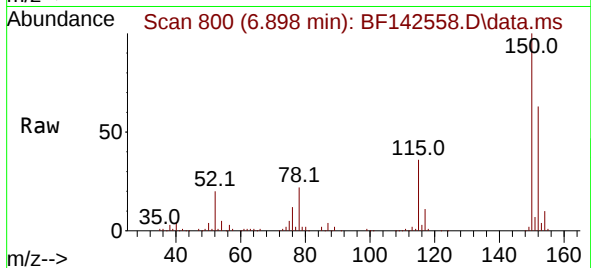
Quant Time: May 27 13:50:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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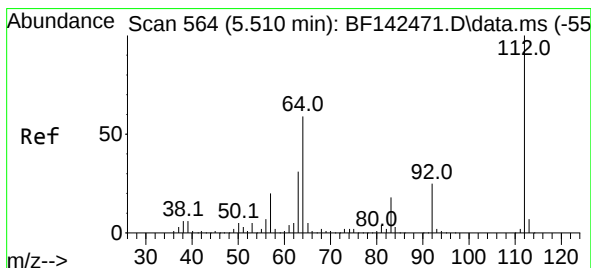
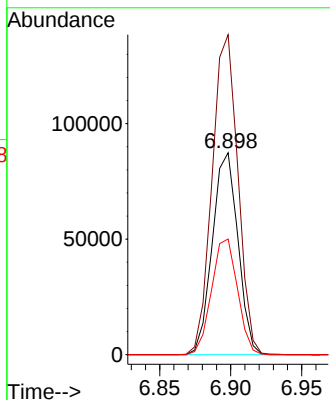
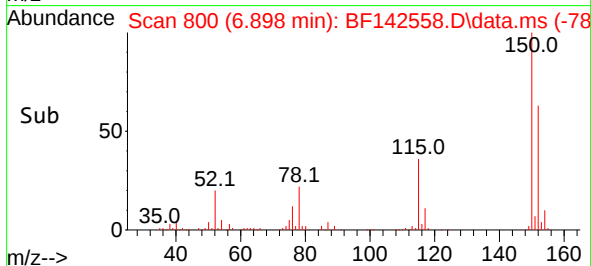


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

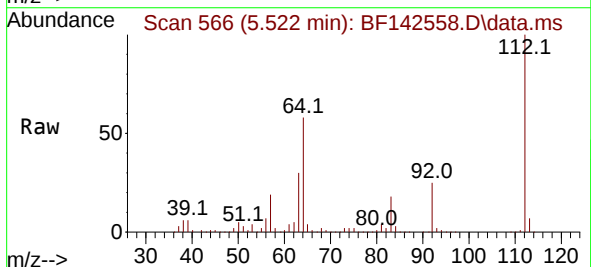
Instrument :
BNA_F
ClientSampleId :
PB168164BL



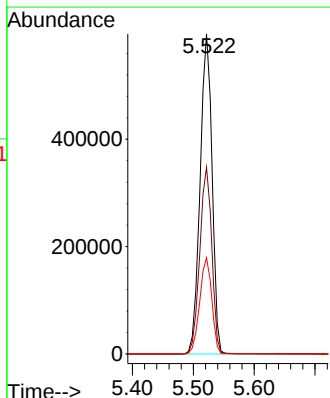
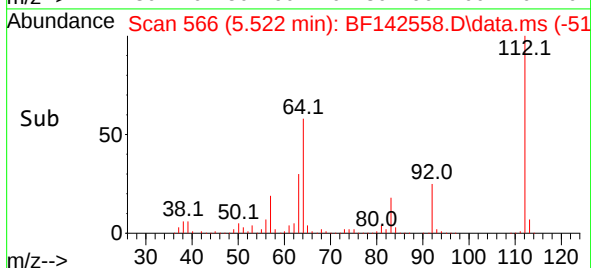
Tgt Ion:152 Resp: 109499
Ion Ratio Lower Upper
152 100
150 158.4 128.2 192.4
115 57.3 48.3 72.5

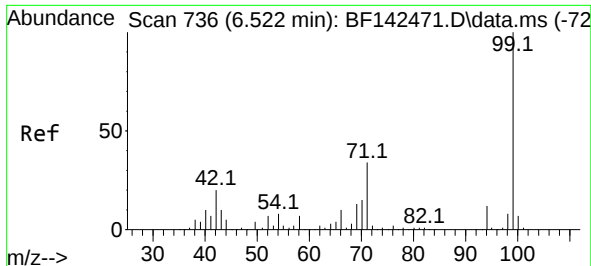


#5
2-Fluorophenol
Concen: 125.485 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24



Tgt Ion:112 Resp: 815575
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.1 24.9 37.3

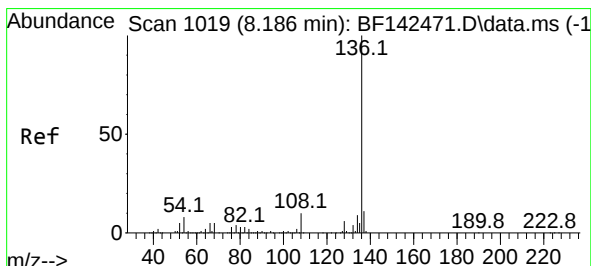
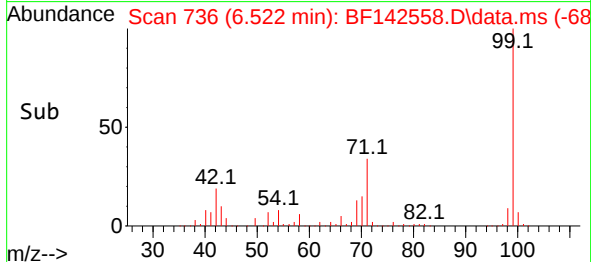
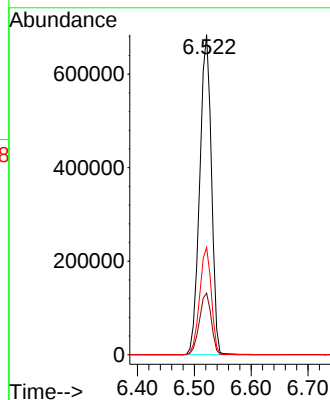
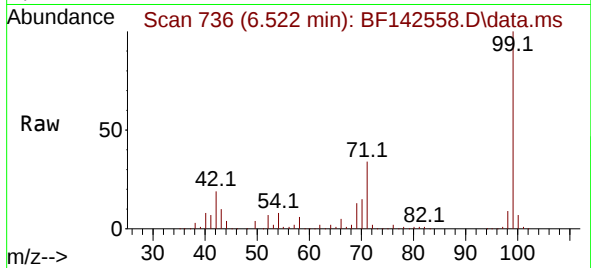




#7
Phenol-d6
Concen: 125.681 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

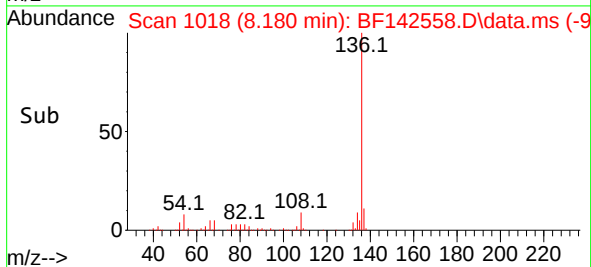
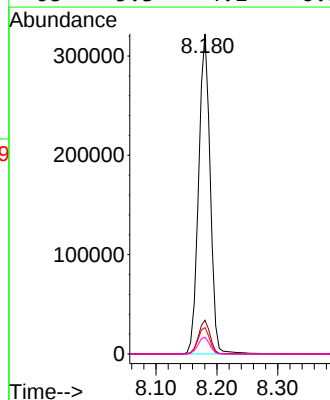
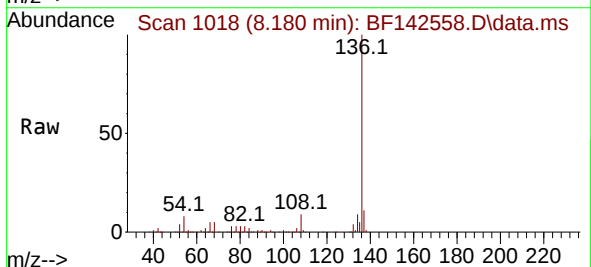
Instrument :
BNA_F
ClientSampleId :
PB168164BL

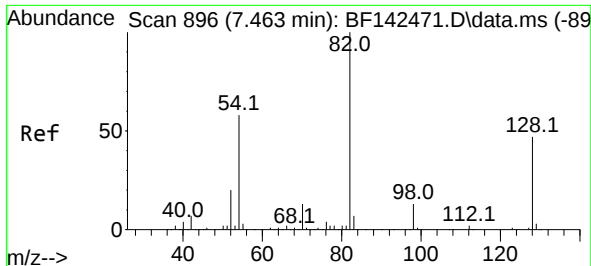
Tgt Ion: 99 Resp: 983292
Ion Ratio Lower Upper
99 100
42 19.3 16.2 24.2
71 33.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

Tgt Ion: 136 Resp: 425923
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 6.6 10.0
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.963 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB168164BL

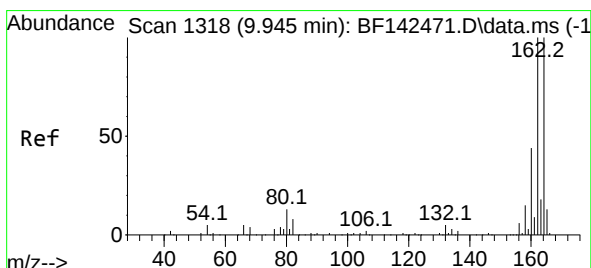
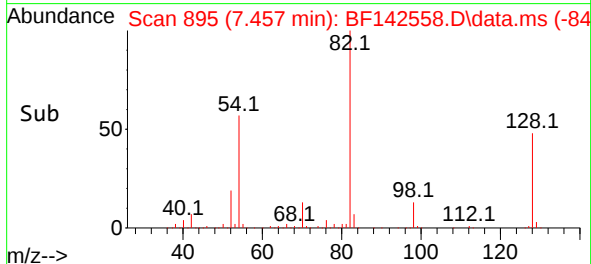
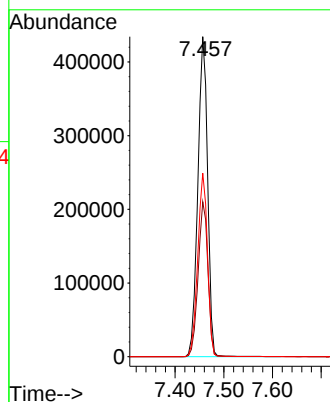
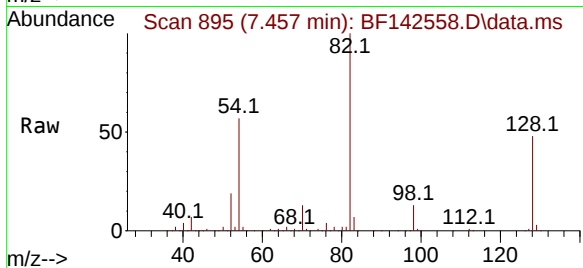
Tgt Ion: 82 Resp: 608967

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.2

54 57.4 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

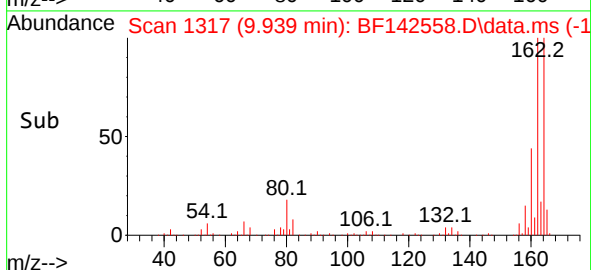
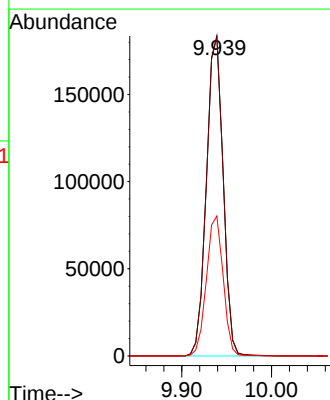
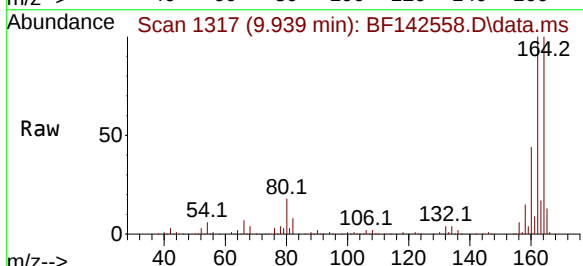
Tgt Ion:164 Resp: 237471

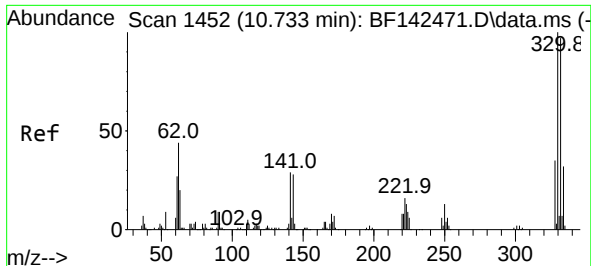
Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.4

160 43.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 130.405 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB168164BL

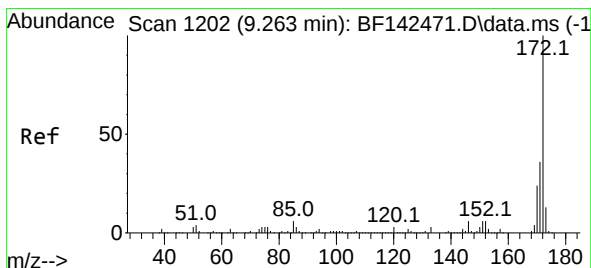
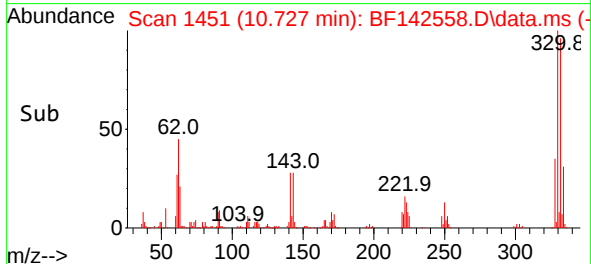
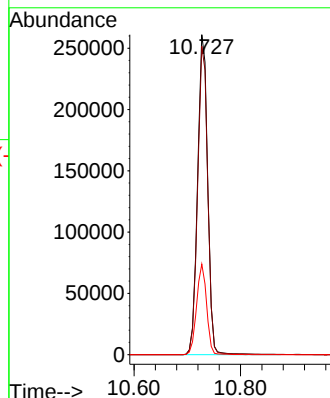
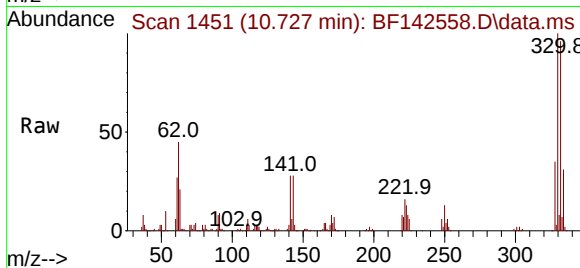
Tgt Ion:330 Resp: 343698

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 28.1 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 74.578 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

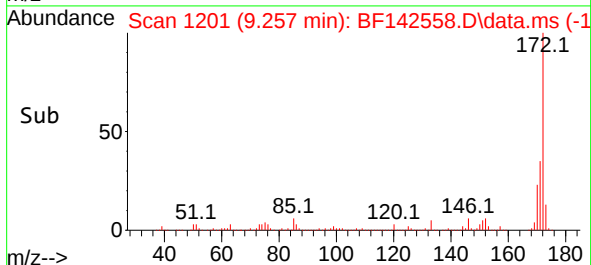
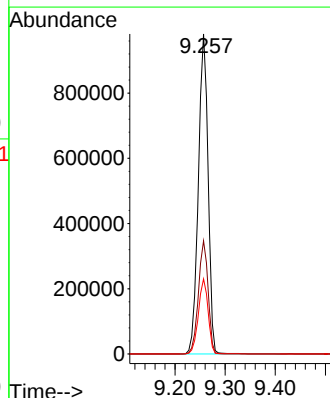
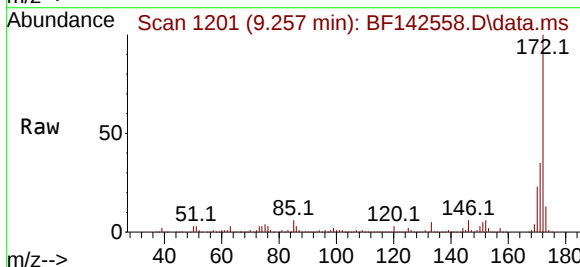
Tgt Ion:172 Resp: 1319809

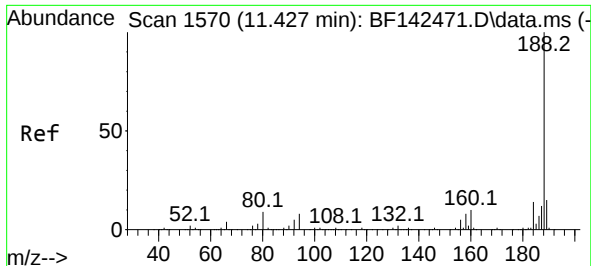
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

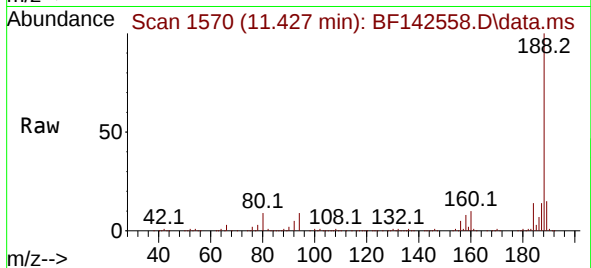
170 23.5 18.9 28.3



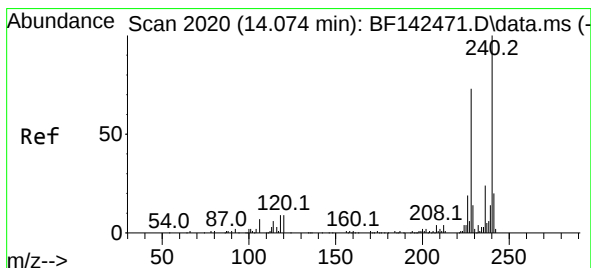
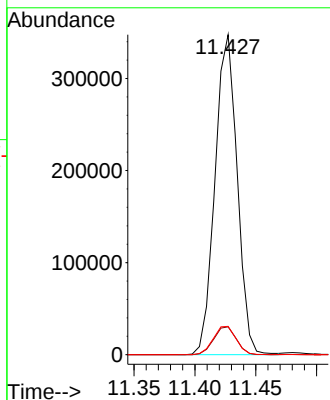


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

Instrument :
BNA_F
ClientSampleId :
PB168164BL

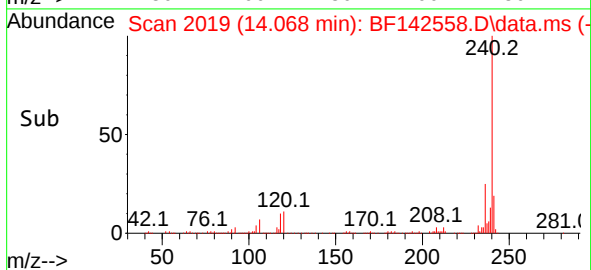
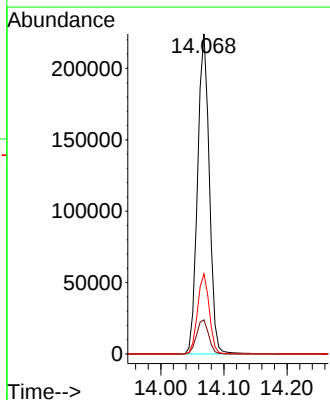
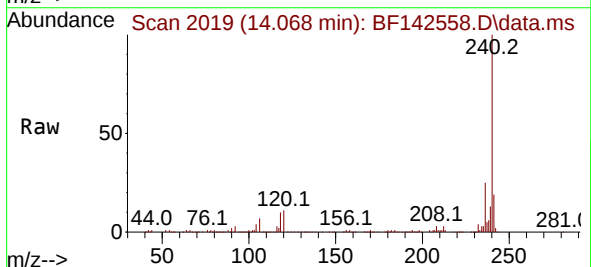


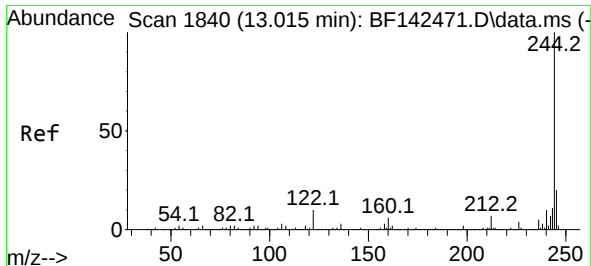
Tgt Ion:188 Resp: 441242
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 8.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

Tgt Ion:240 Resp: 288683
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.0 19.6 29.4





#79

Terphenyl-d14

Concen: 70.119 ng

RT: 13.015 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB168164BL

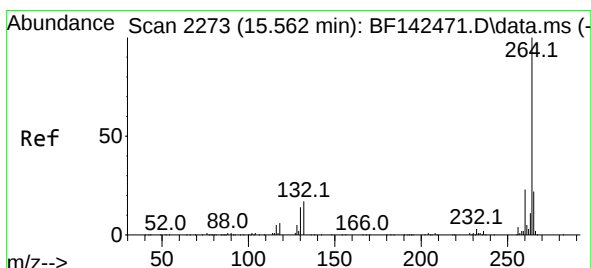
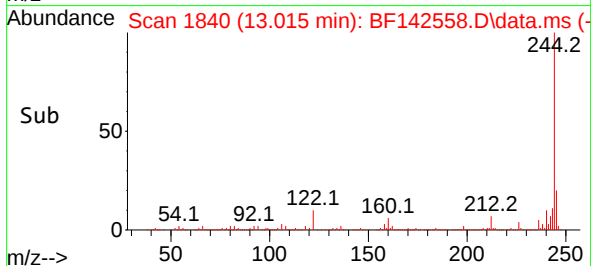
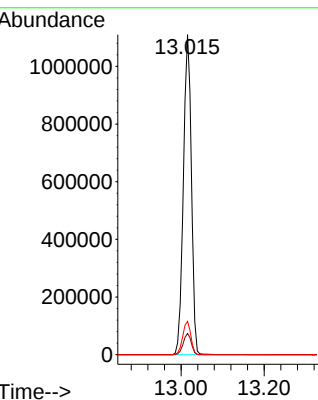
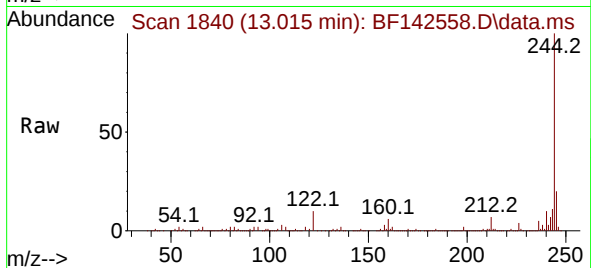
Tgt Ion:244 Resp: 1481266

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

Tgt Ion:264 Resp: 236188

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.3 17.7 26.5

