

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142553.D
 Acq On : 27 May 2025 10:45
 Operator : RC/JU
 Sample : PB168148BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168148BL

Quant Time: May 27 11:32:15 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	114062	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	442454	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	252563	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	462210	20.000	ng	0.00
76) Chrysene-d12	14.068	240	316384	20.000	ng	0.00
86) Perylene-d12	15.563	264	245236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	834998	123.334	ng	0.00
7) Phenol-d6	6.522	99	1013448	124.353	ng	-0.01
23) Nitrobenzene-d5	7.457	82	622636	76.735	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	363733	129.760	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1351125	71.785	ng	-0.01
79) Terphenyl-d14	13.016	244	1607338	69.425	ng	0.00

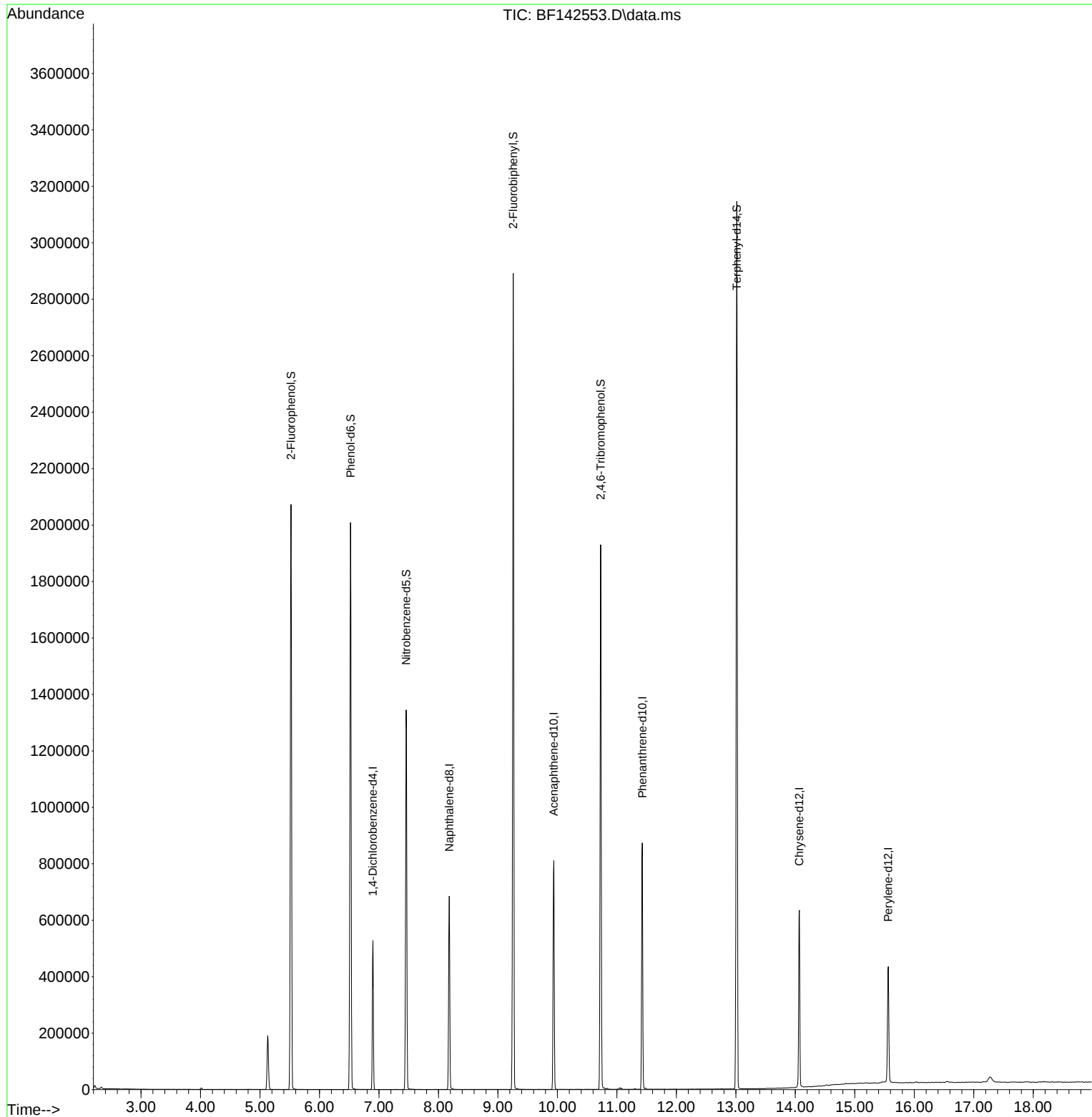
Target Compounds	Qvalue

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

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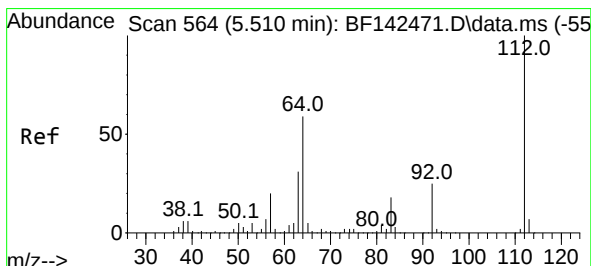
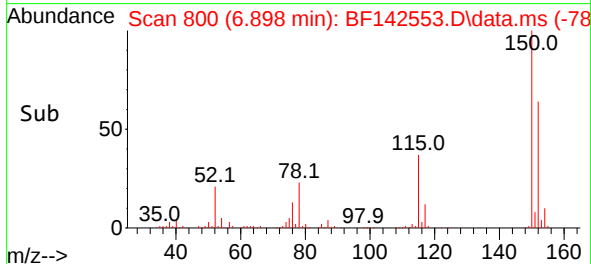
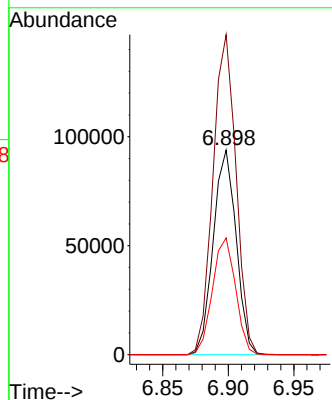
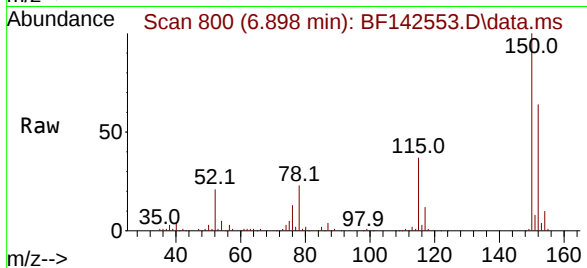




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

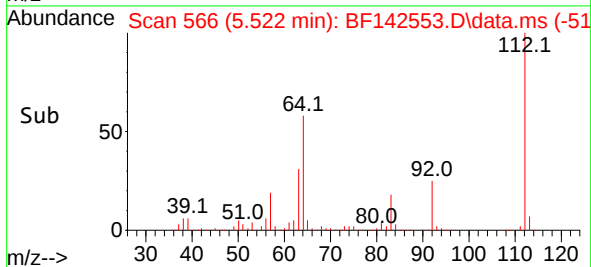
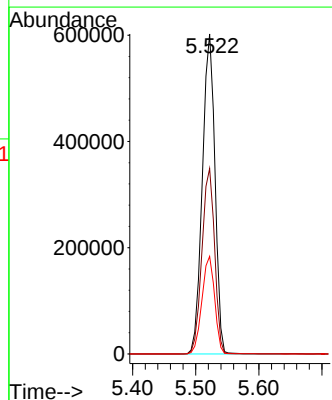
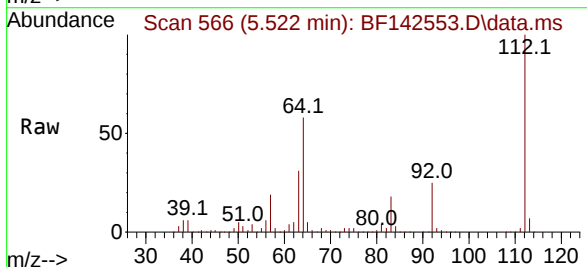
Instrument :
BNA_F
ClientSampleId :
PB168148BL

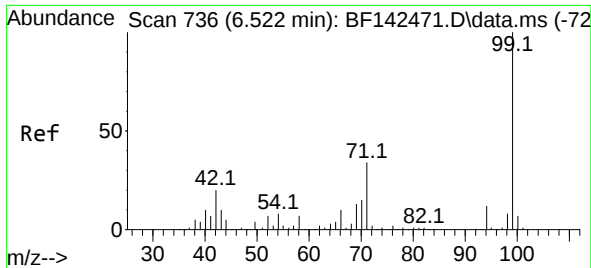
Tgt Ion:152 Resp: 114062
Ion Ratio Lower Upper
152 100
150 156.4 128.2 192.4
115 57.1 48.3 72.5



#5
2-Fluorophenol
Concen: 123.334 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion:112 Resp: 834998
Ion Ratio Lower Upper
112 100
64 57.9 47.5 71.3
63 30.5 24.9 37.3

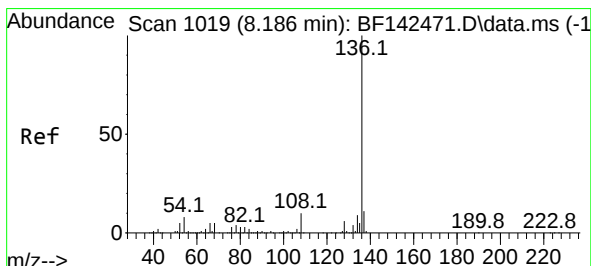
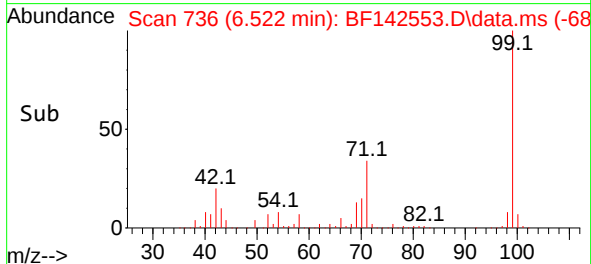
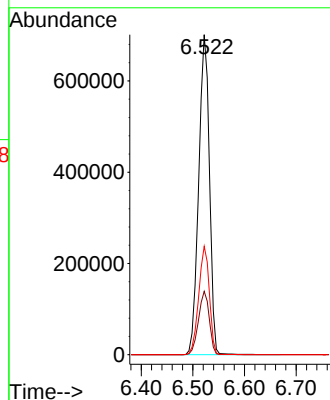
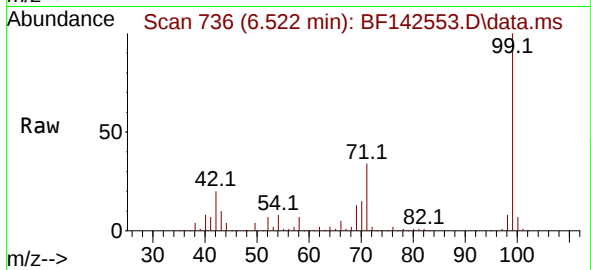




#7
Phenol-d6
Concen: 124.353 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

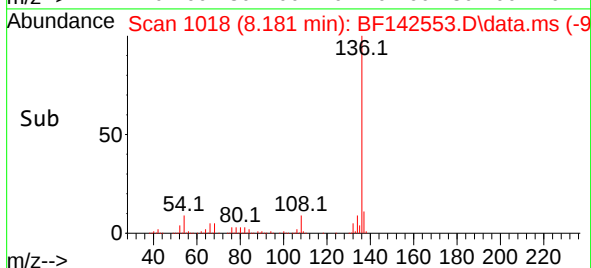
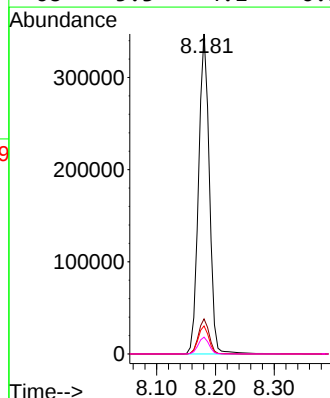
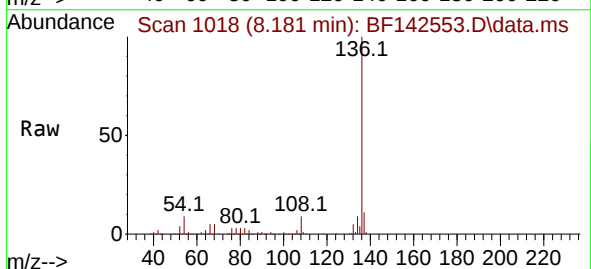
Instrument :
BNA_F
ClientSampleId :
PB168148BL

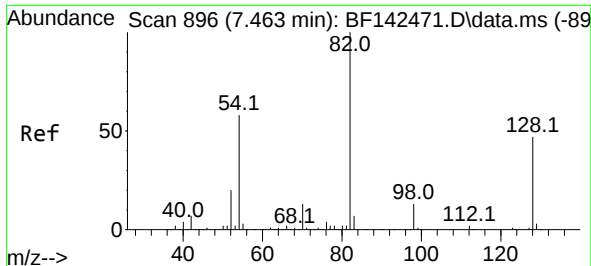
Tgt Ion: 99 Resp: 1013448
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion: 136 Resp: 442454
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.6 10.0
68 5.3 4.1 6.1

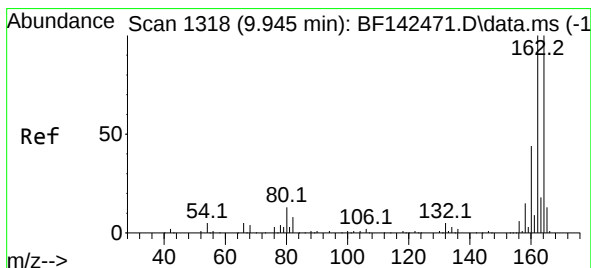
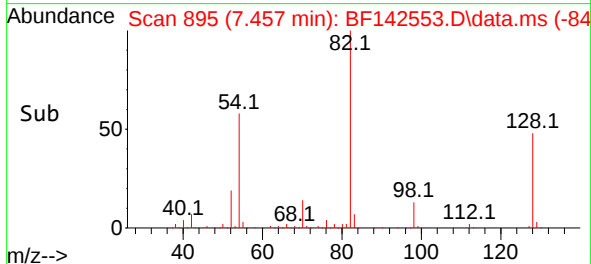
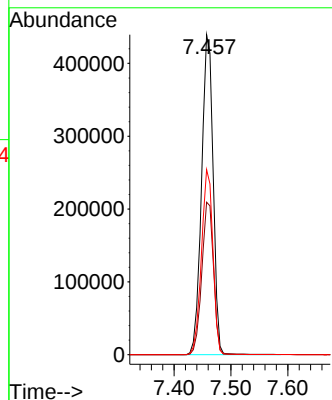
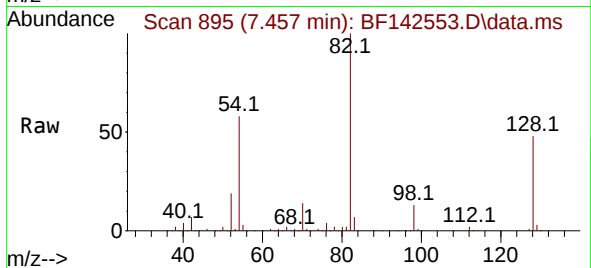




#23
Nitrobenzene-d5
Concen: 76.735 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

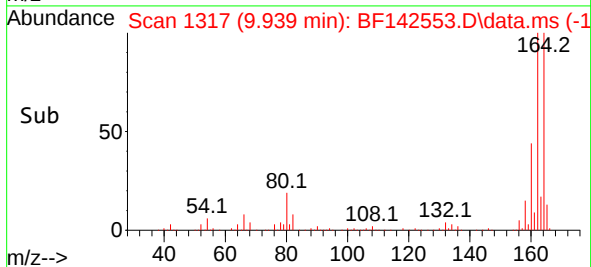
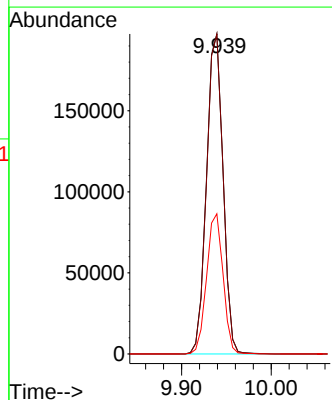
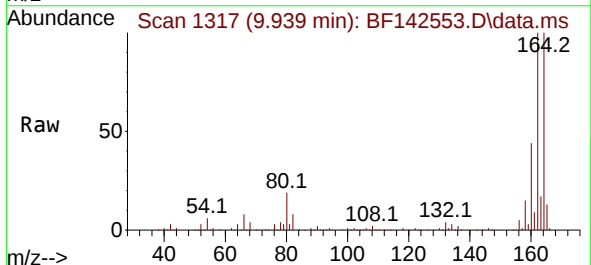
Instrument :
BNA_F
ClientSampleId :
PB168148BL

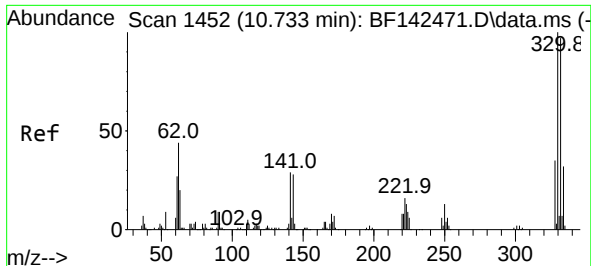
Tgt Ion: 82 Resp: 622636
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.2
54 57.9 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion:164 Resp: 252563
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.4
160 43.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 129.760 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142553.D

Acq: 27 May 2025 10:45

Instrument :

BNA_F

ClientSampleId :

PB168148BL

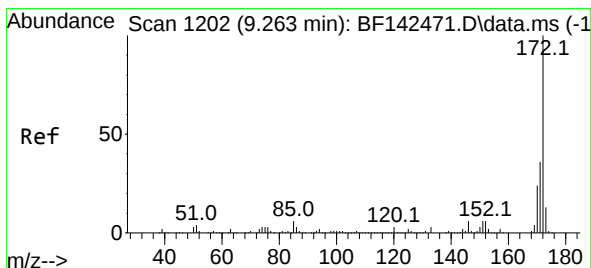
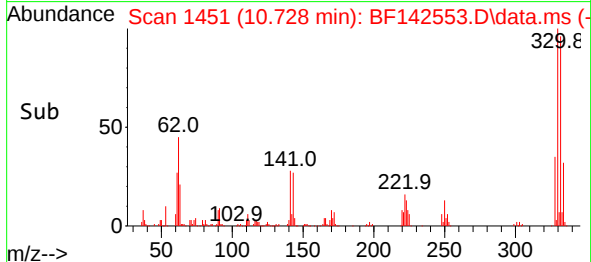
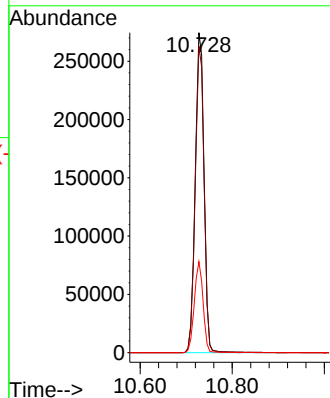
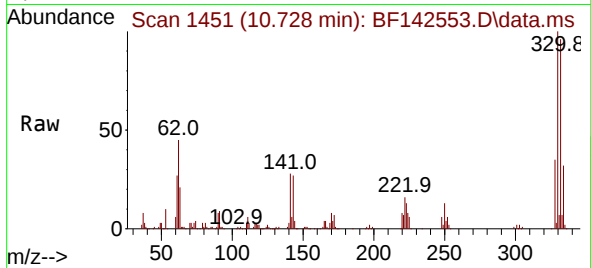
Tgt Ion:330 Resp: 363733

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 28.2 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 71.785 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142553.D

Acq: 27 May 2025 10:45

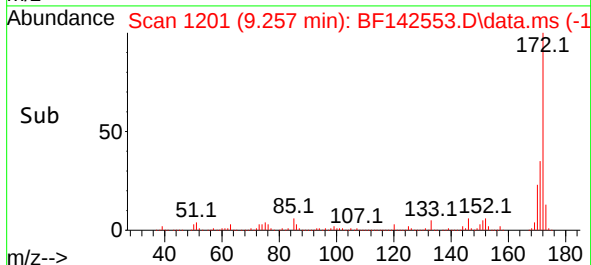
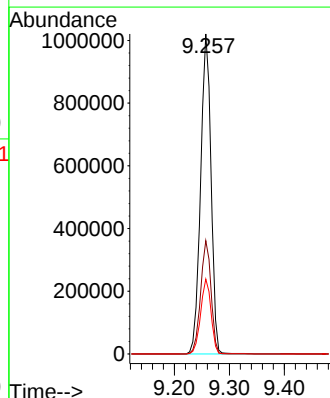
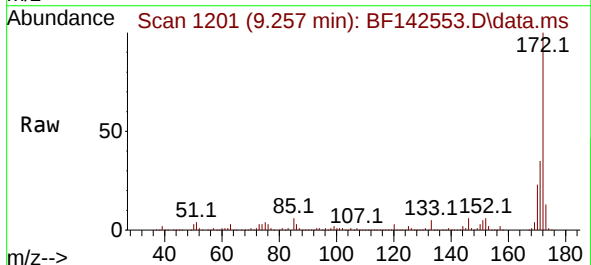
Tgt Ion:172 Resp: 1351125

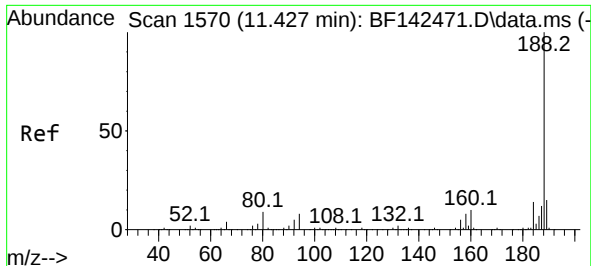
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.4 18.9 28.3

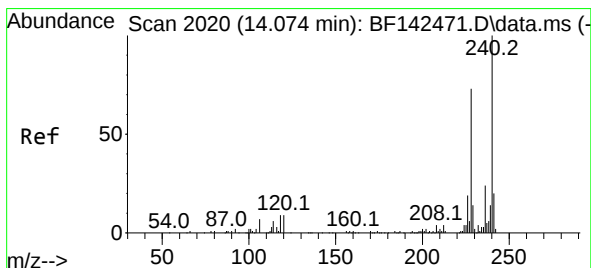
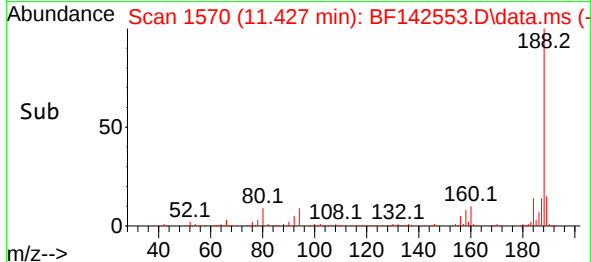
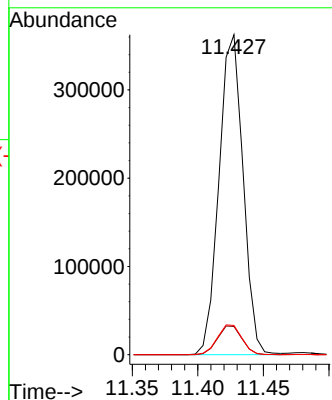
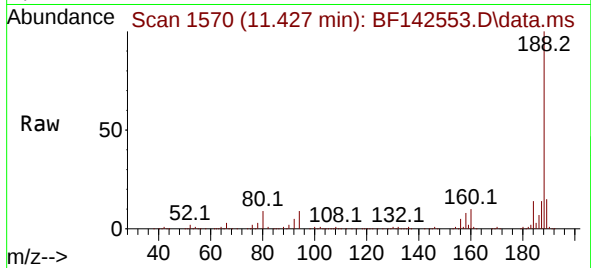




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

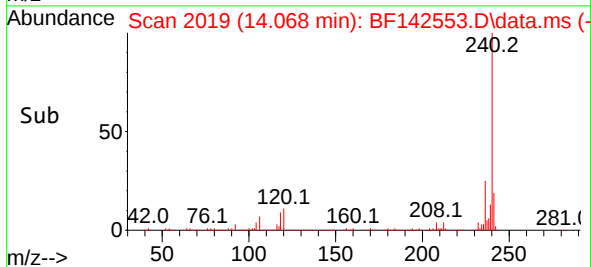
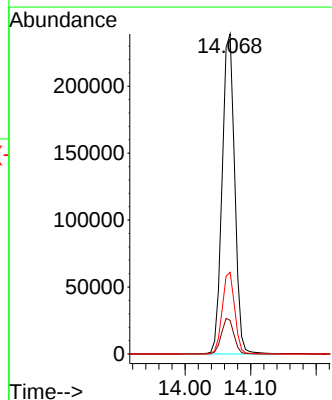
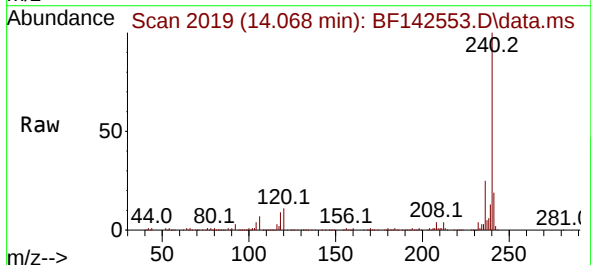
Instrument :
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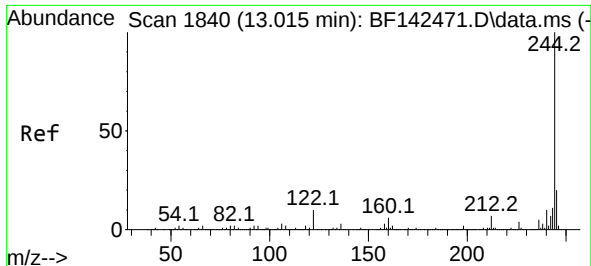
Tgt Ion:188 Resp: 462210
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion:240 Resp: 316384
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 25.5 19.6 29.4

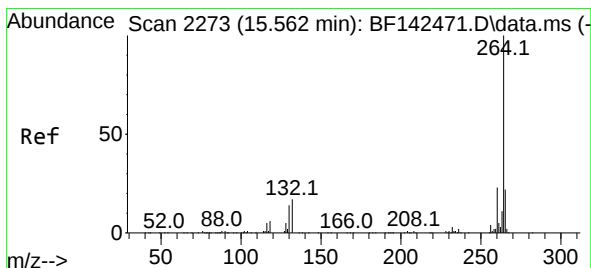
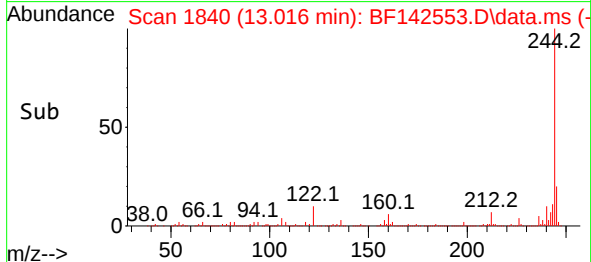
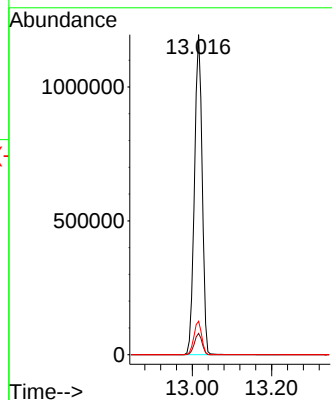
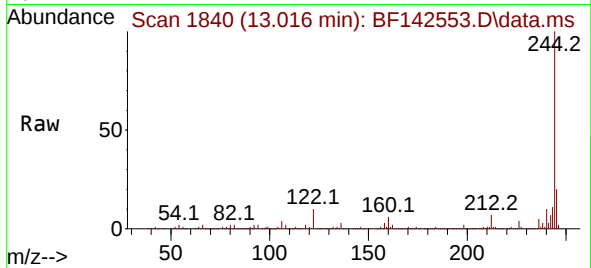




#79
 Terphenyl-d14
 Concen: 69.425 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142553.D
 Acq: 27 May 2025 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB168148BL

Tgt Ion:244 Resp: 1607338
 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: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142553.D
 Acq: 27 May 2025 10:45

Tgt Ion:264 Resp: 245236
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.1 17.7 26.5

