

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144309.D
 Acq On : 21 Nov 2025 15:50
 Operator : RC/JU
 Sample : Q3699-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-112025

Quant Time: Nov 21 16:09:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	50367	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	182660	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	97508	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	162575	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	153057	20.000	ng	-0.01
86) Perylene-d12	15.515	264	176389	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	64745	20.116	ng	0.00
7) Phenol-d6	6.493	99	74233	20.355	ng	0.00
23) Nitrobenzene-d5	7.422	82	39920	12.622	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	21566	17.625	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	95252	14.428	ng	-0.01
79) Terphenyl-d14	12.974	244	102846	10.673	ng	-0.02

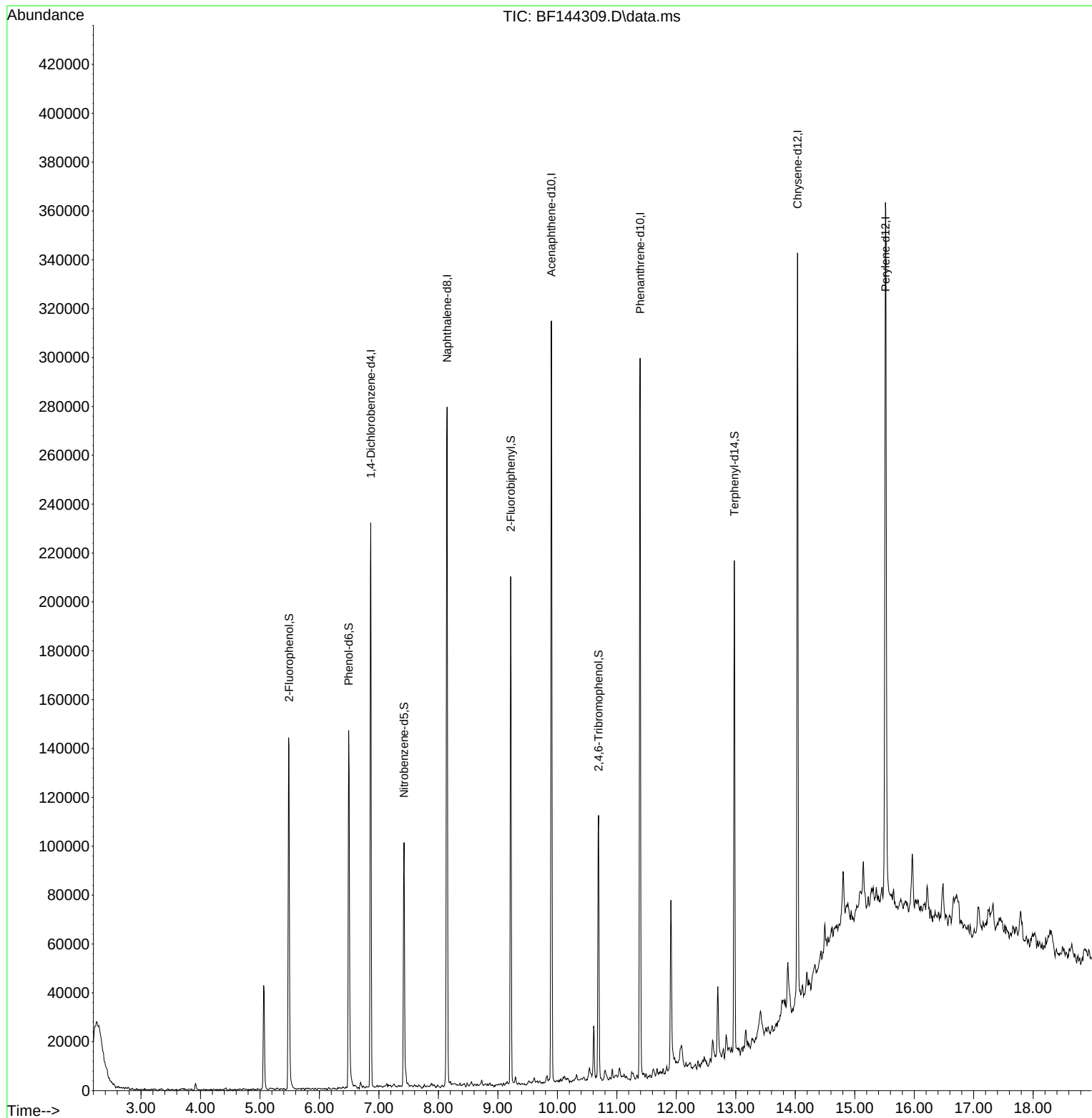
Target Compounds	Qvalue

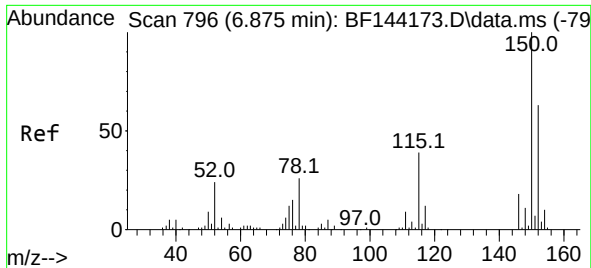
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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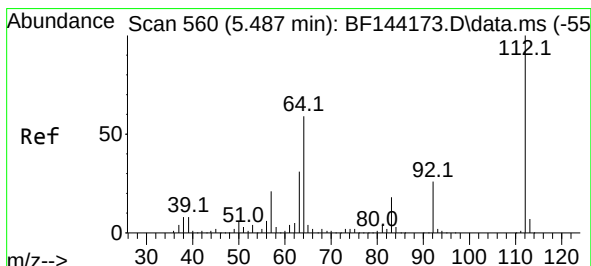
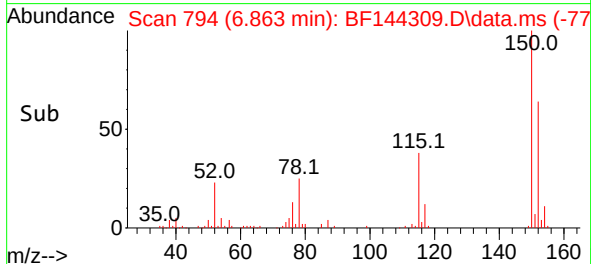
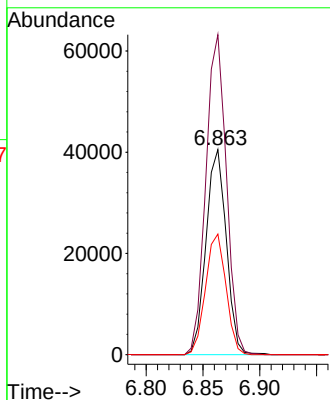
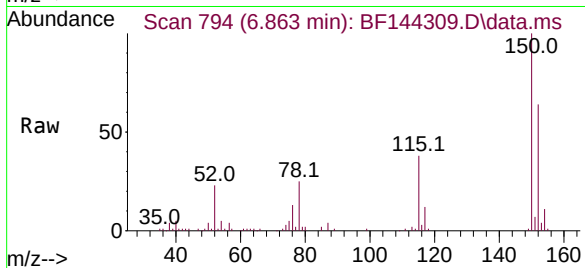




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144309.D
Acq: 21 Nov 2025 15:50

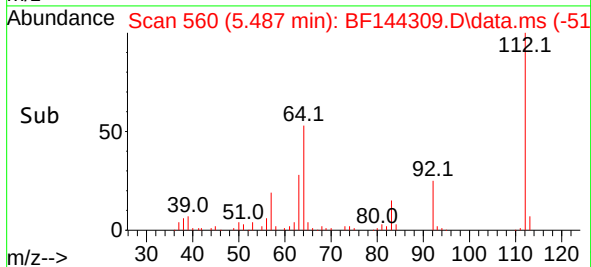
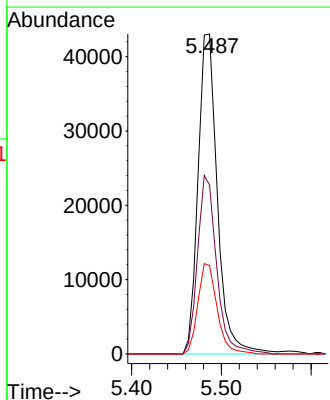
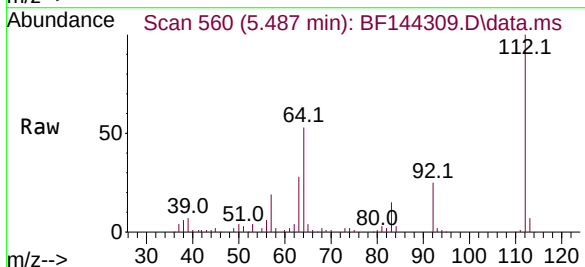
Instrument :
BNA_F
ClientSampleId :
TR-04-112025

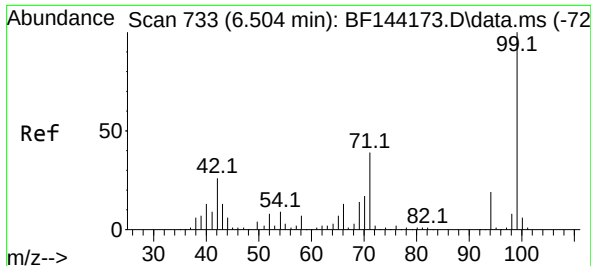
Tgt Ion:152 Resp: 50367
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 58.8 49.5 74.3



#5
2-Fluorophenol
Concen: 20.116 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144309.D
Acq: 21 Nov 2025 15:50

Tgt Ion:112 Resp: 64745
Ion Ratio Lower Upper
112 100
64 52.8 47.2 70.8
63 27.6 24.4 36.6

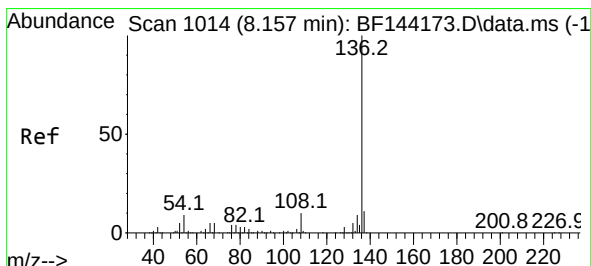
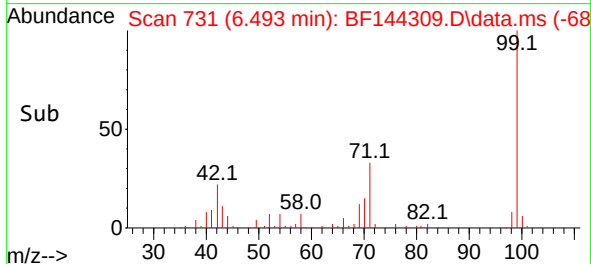
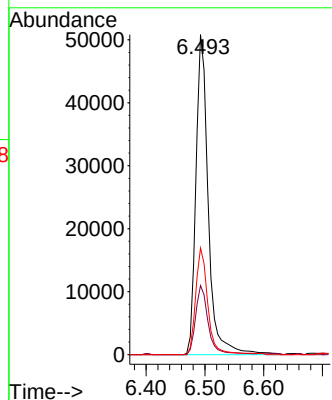
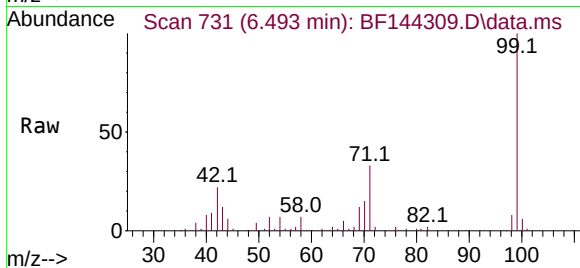




#7
Phenol-d6
Concen: 20.355 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144309.D
Acq: 21 Nov 2025 15:50

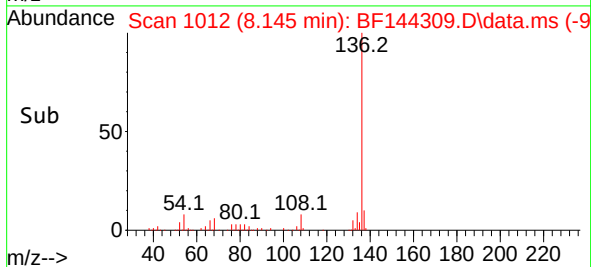
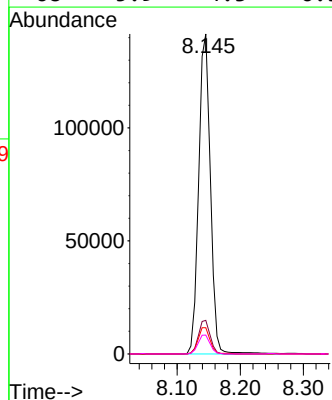
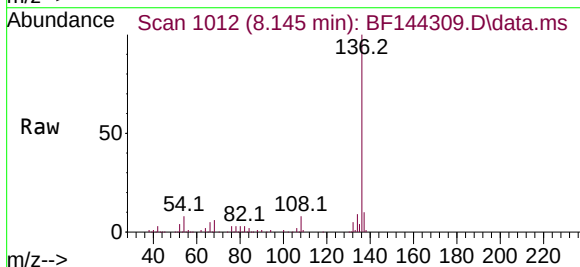
Instrument :
BNA_F
ClientSampleId :
TR-04-112025

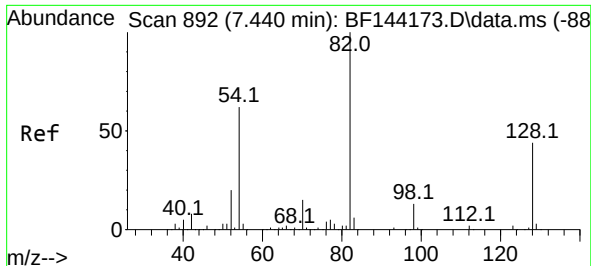
Tgt Ion: 99 Resp: 74233
Ion Ratio Lower Upper
99 100
42 21.6 20.9 31.3
71 33.3 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144309.D
Acq: 21 Nov 2025 15:50

Tgt Ion: 136 Resp: 182660
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 7.0 10.6
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 12.622 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144309.D

Acq: 21 Nov 2025 15:50

Instrument :

BNA_F

ClientSampleId :

TR-04-112025

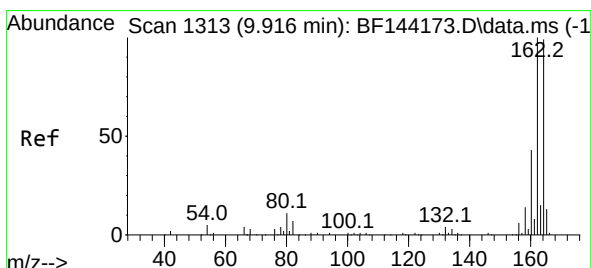
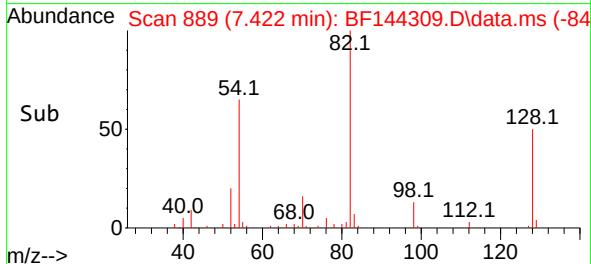
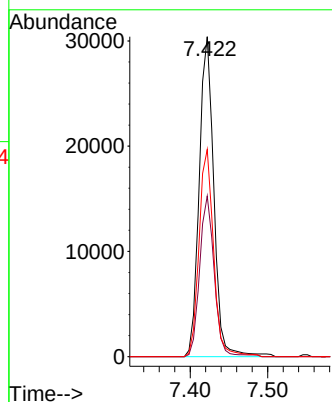
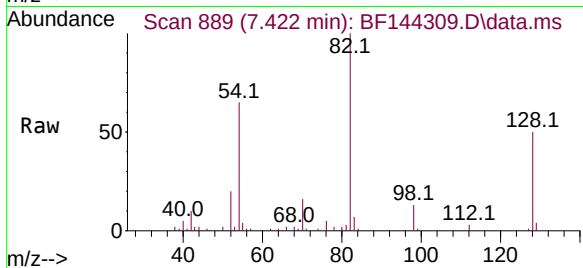
Tgt Ion: 82 Resp: 39920

Ion Ratio Lower Upper

82 100

128 50.2 34.7 52.1

54 64.7 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144309.D

Acq: 21 Nov 2025 15:50

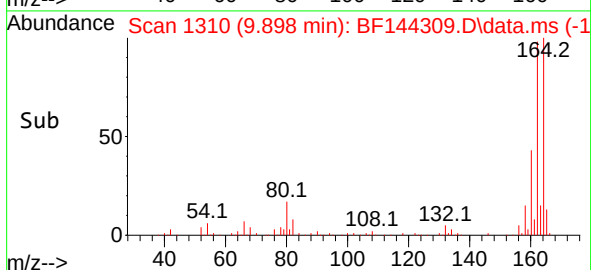
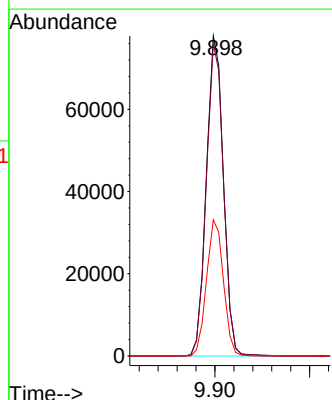
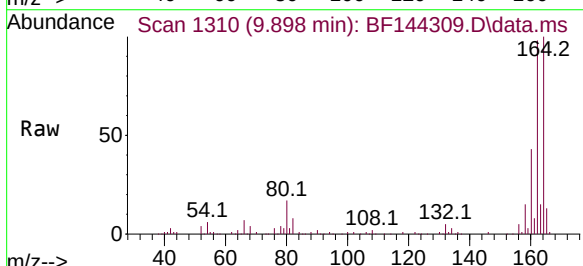
Tgt Ion:164 Resp: 97508

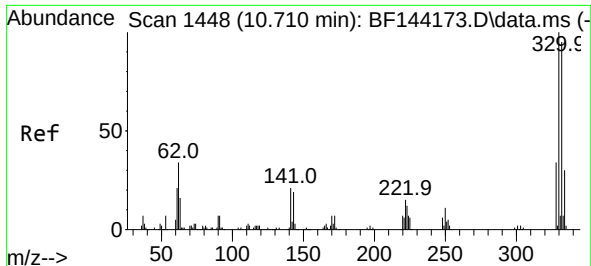
Ion Ratio Lower Upper

164 100

162 97.6 81.1 121.7

160 42.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 17.625 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144309.D

Acq: 21 Nov 2025 15:50

Instrument :

BNA_F

ClientSampleId :

TR-04-112025

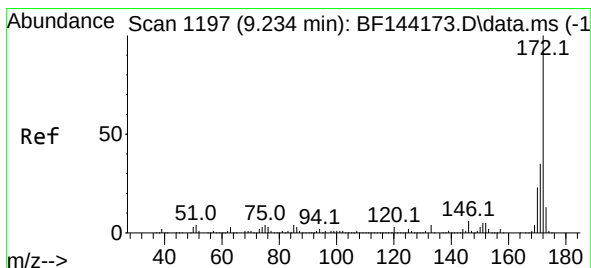
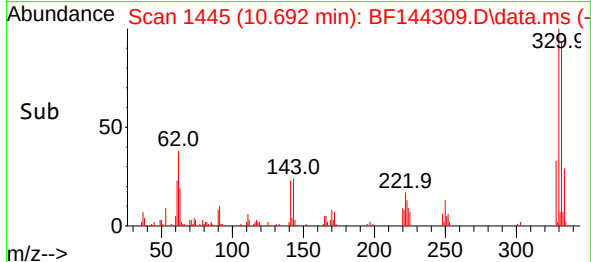
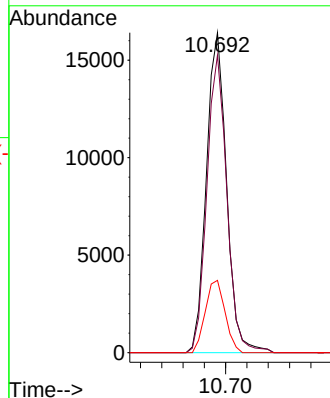
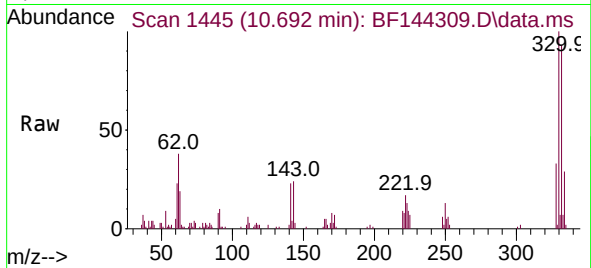
Tgt Ion:330 Resp: 21566

Ion Ratio Lower Upper

330 100

332 92.0 76.7 115.1

141 22.1 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 14.428 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144309.D

Acq: 21 Nov 2025 15:50

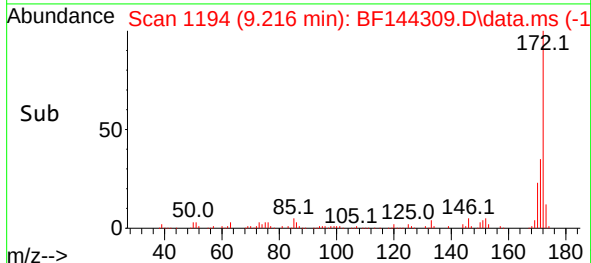
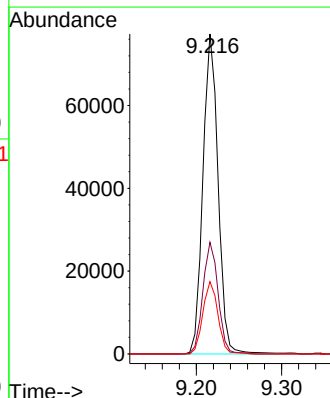
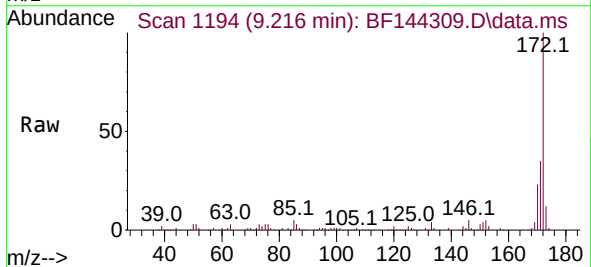
Tgt Ion:172 Resp: 95252

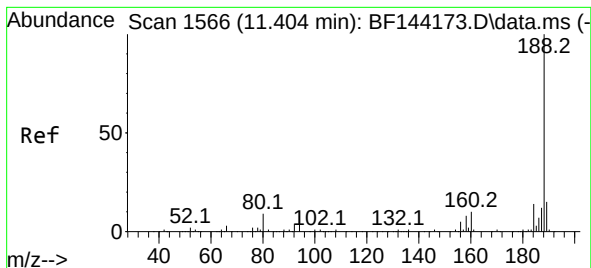
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 22.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144309.D

Acq: 21 Nov 2025 15:50

Instrument :

BNA_F

ClientSampleId :

TR-04-112025

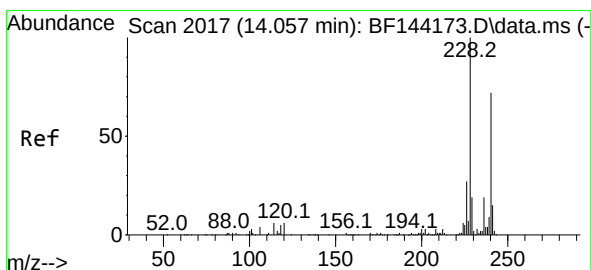
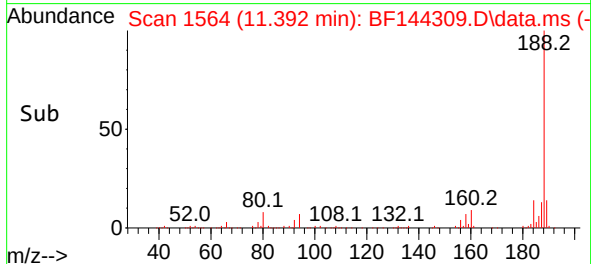
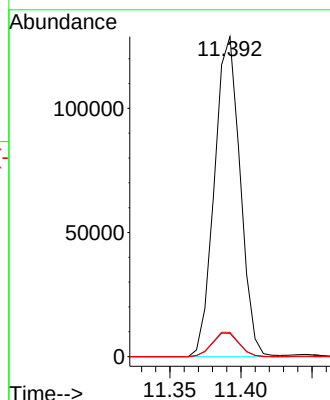
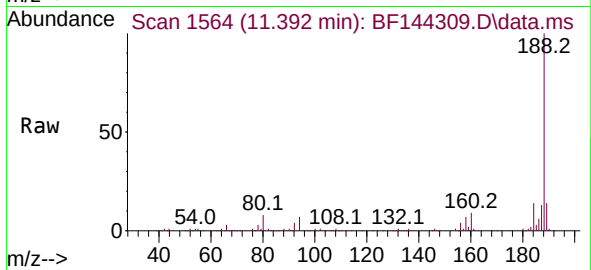
Tgt Ion:188 Resp: 162575

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

80 7.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144309.D

Acq: 21 Nov 2025 15:50

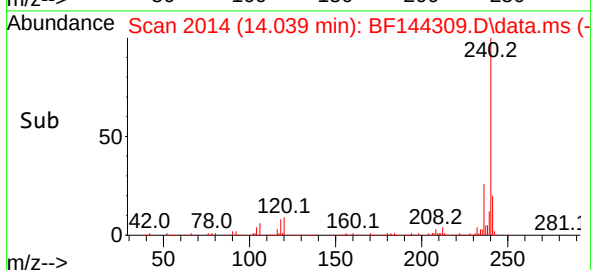
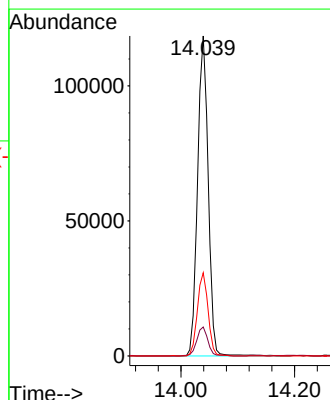
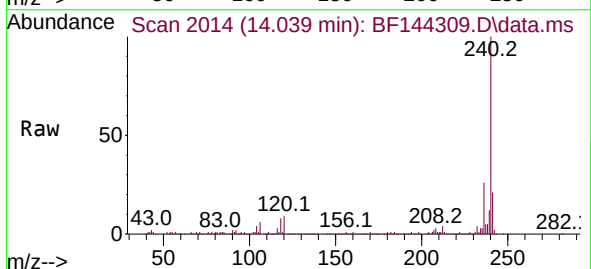
Tgt Ion:240 Resp: 153057

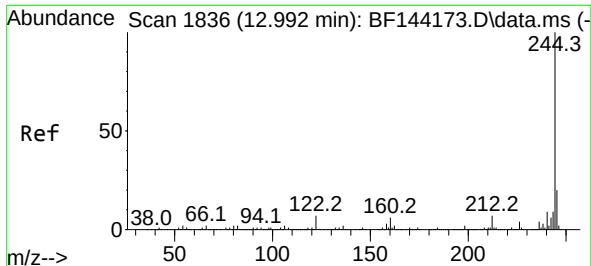
Ion Ratio Lower Upper

240 100

120 9.0 6.6 10.0

236 26.0 21.4 32.2

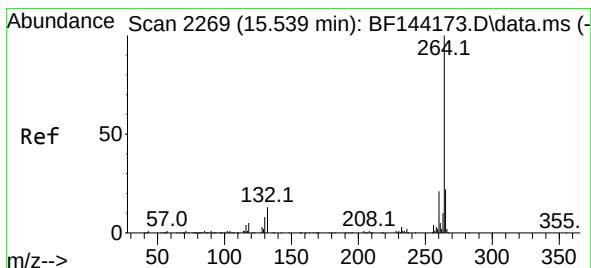
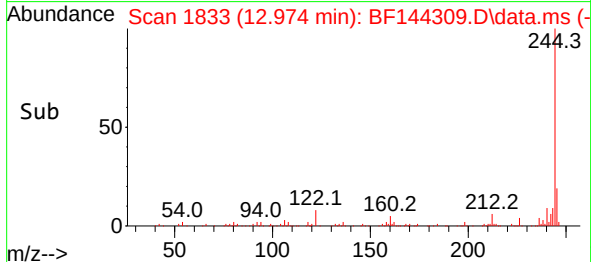
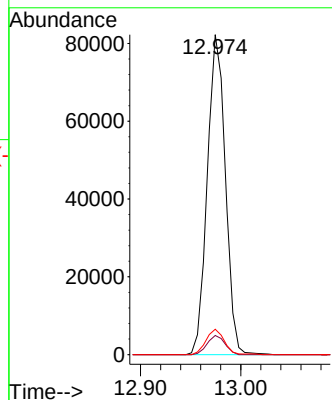
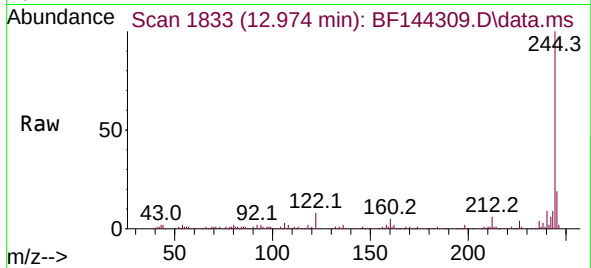




#79
 Terphenyl-d14
 Concen: 10.673 ng
 RT: 12.974 min Scan# 1833
 Delta R.T. -0.018 min
 Lab File: BF144309.D
 Acq: 21 Nov 2025 15:50

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 102846
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.3 7.9
 122 7.9 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF144309.D
 Acq: 21 Nov 2025 15:50

Tgt Ion:264 Resp: 176389
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.1 25.7
 265 22.6 17.4 26.0

