

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
 Data File : BF143937.D
 Acq On : 13 Oct 2025 17:32
 Operator : RC/JU
 Sample : Q3323-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-01-0-2

Quant Time: Oct 13 17:55:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	109817	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	409017	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	204732	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	303202	20.000	ng	0.00
76) Chrysene-d12	14.057	240	234493	20.000	ng	-0.01
86) Perylene-d12	15.545	264	314720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	521736	75.445	ng	0.00
7) Phenol-d6	6.504	99	591813	71.796	ng	-0.01
23) Nitrobenzene-d5	7.440	82	345381	51.302	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	115894	56.834	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	612674	47.484	ng	-0.01
79) Terphenyl-d14	12.998	244	434819	31.691	ng	-0.01

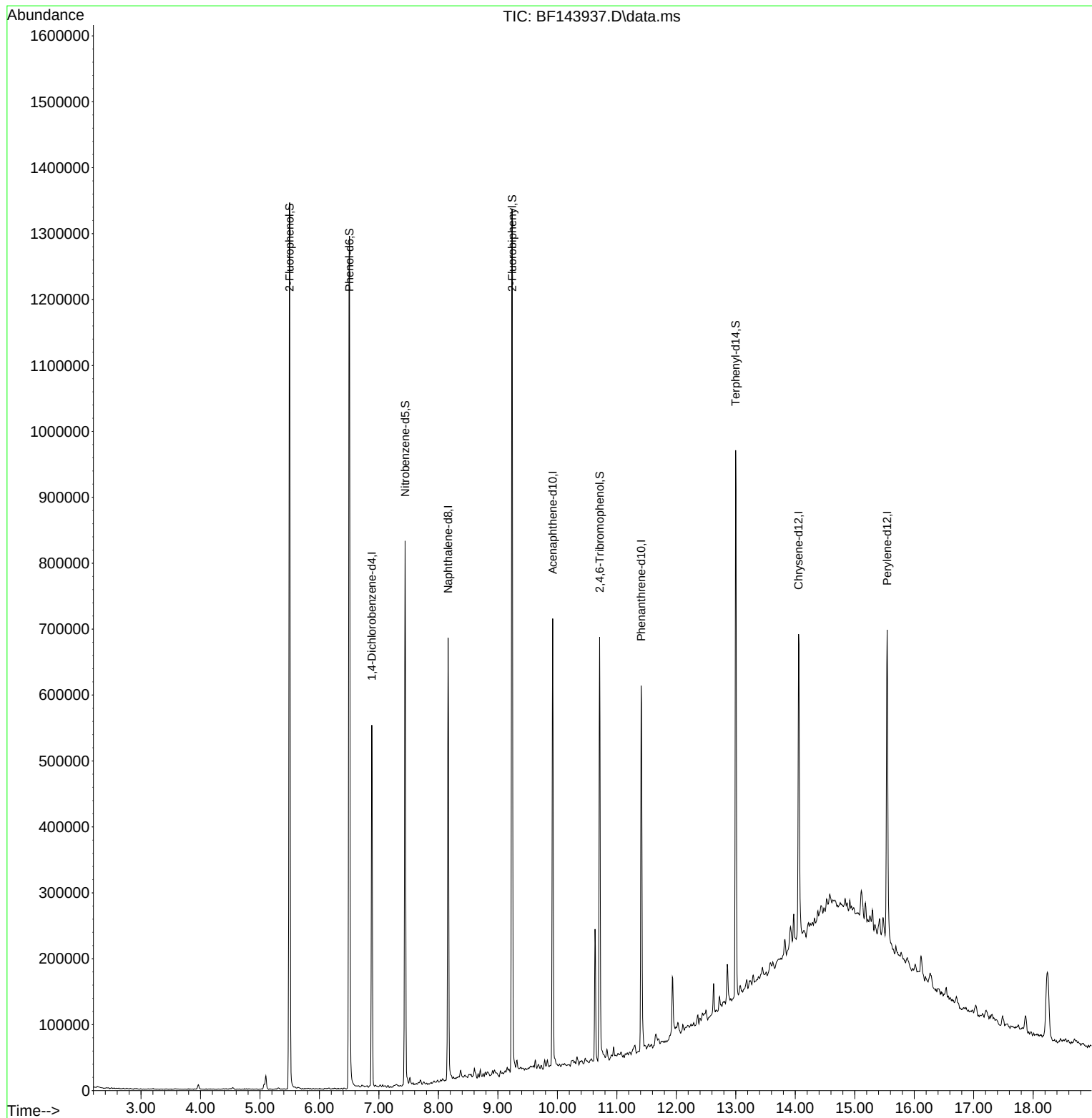
Target Compounds	Qvalue

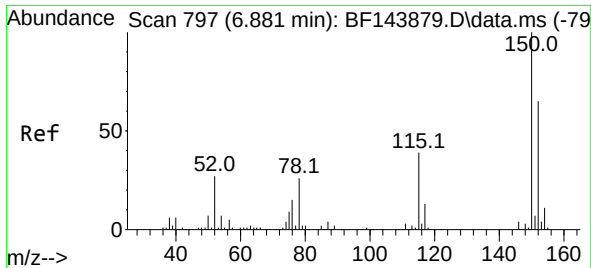
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143937.D
Acq On : 13 Oct 2025 17:32
Operator : RC/JU
Sample : Q3323-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-01-0-2

Quant Time: Oct 13 17:55:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

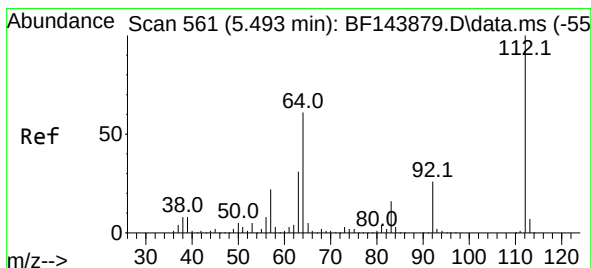
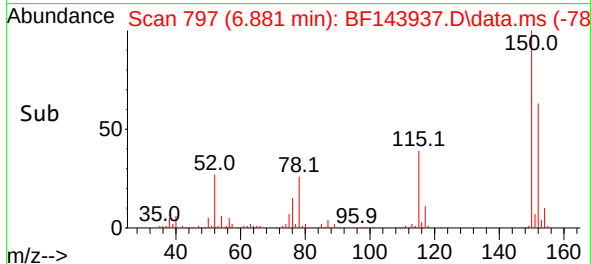
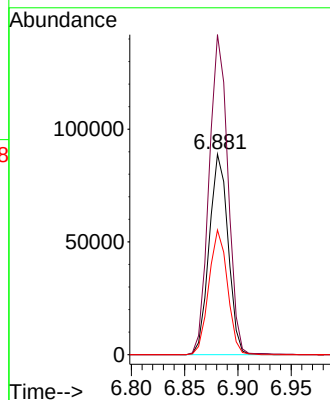
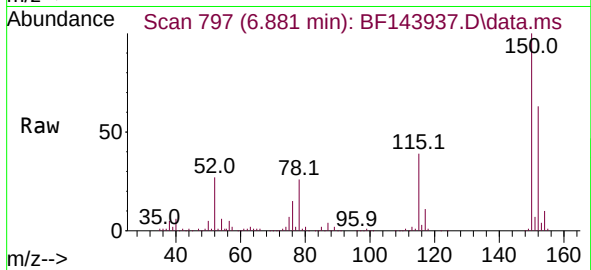




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143937.D
Acq: 13 Oct 2025 17:32

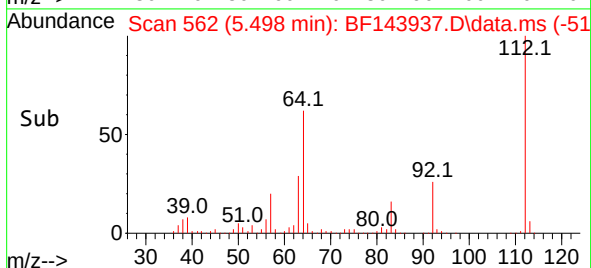
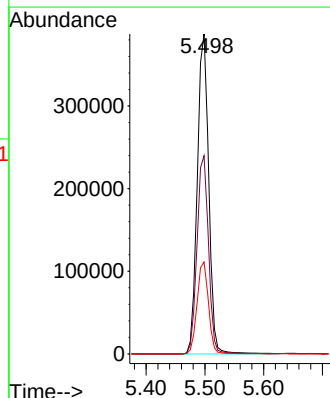
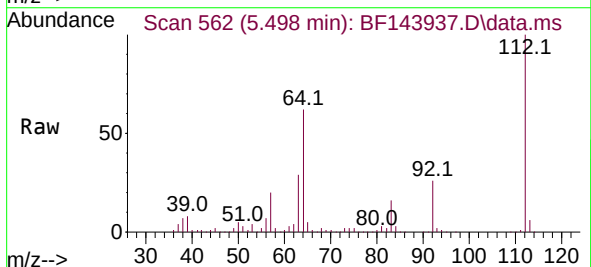
Instrument :
BNA_F
ClientSampleId :
SED-01-0-2

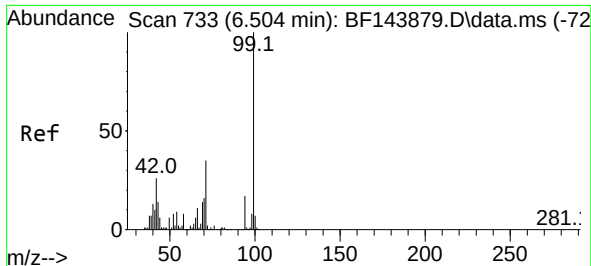
Tgt Ion:152 Resp: 109817
Ion Ratio Lower Upper
152 100
150 159.6 124.4 186.6
115 62.1 48.1 72.1



#5
2-Fluorophenol
Concen: 75.445 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF143937.D
Acq: 13 Oct 2025 17:32

Tgt Ion:112 Resp: 521736
Ion Ratio Lower Upper
112 100
64 61.9 49.1 73.7
63 28.7 24.5 36.7

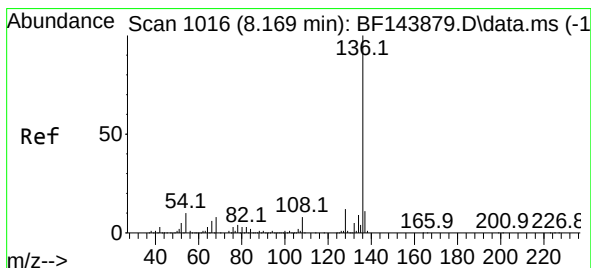
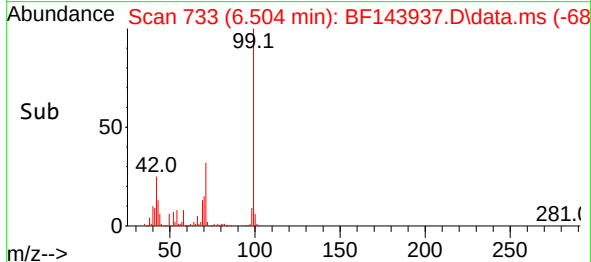
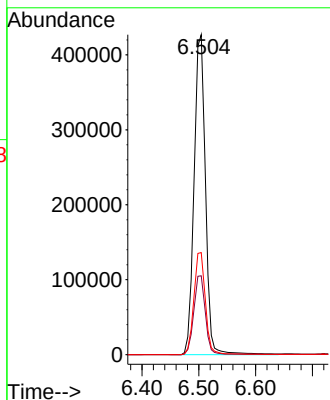
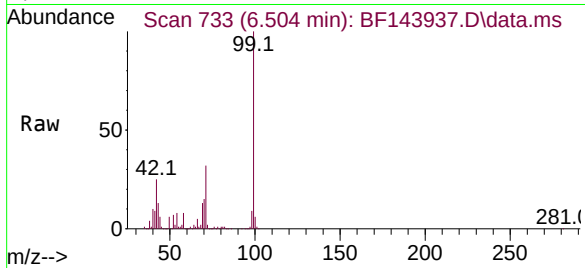




#7
Phenol-d6
Concen: 71.796 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143937.D
Acq: 13 Oct 2025 17:32

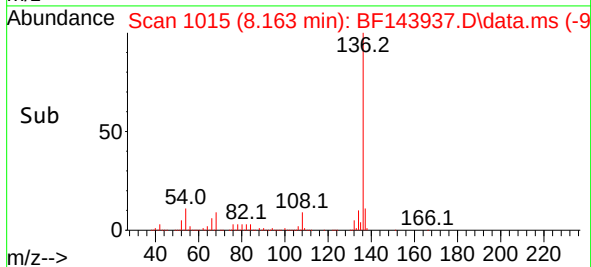
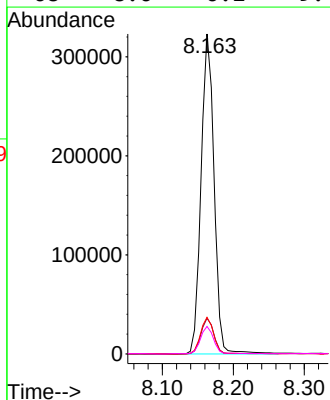
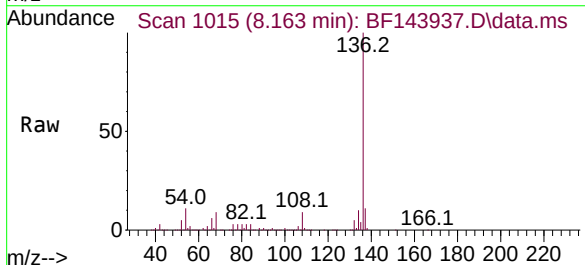
Instrument :
BNA_F
ClientSampleId :
SED-01-0-2

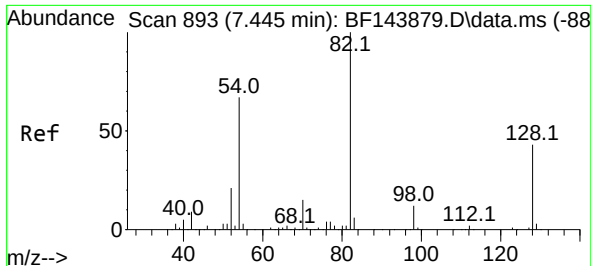
Tgt Ion:	99	Resp:	591813
Ion	Ratio	Lower	Upper
99	100		
42	24.6	21.0	31.4
71	31.9	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143937.D
Acq: 13 Oct 2025 17:32

Tgt Ion:	136	Resp:	409017
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.4	8.2	12.4
68	8.6	6.2	9.4





#23

Nitrobenzene-d5

Concen: 51.302 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143937.D

Acq: 13 Oct 2025 17:32

Instrument :

BNA_F

ClientSampleId :

SED-01-0-2

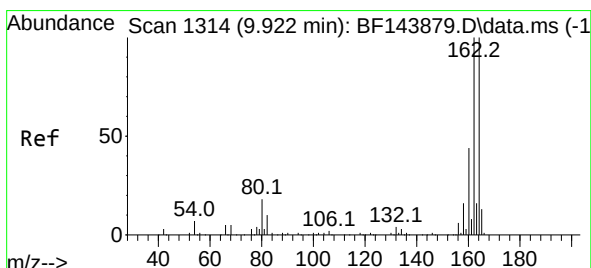
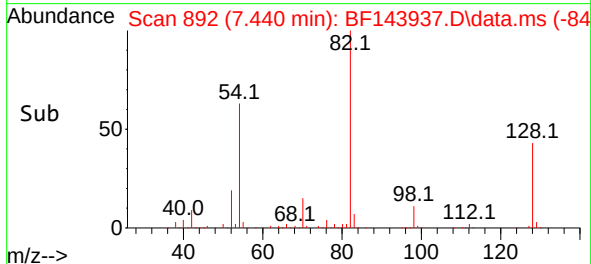
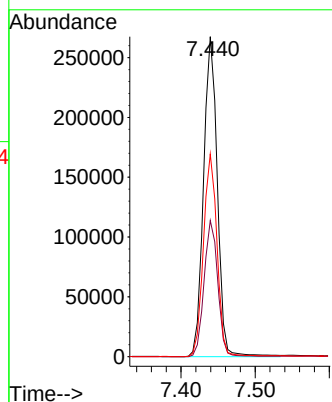
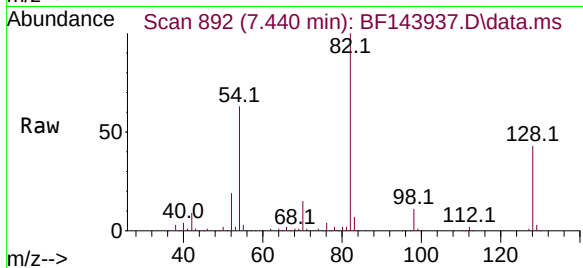
Tgt Ion: 82 Resp: 345381

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

54 63.3 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143937.D

Acq: 13 Oct 2025 17:32

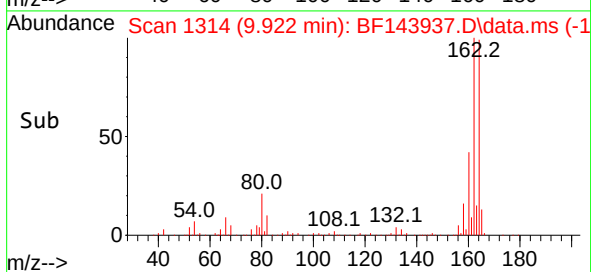
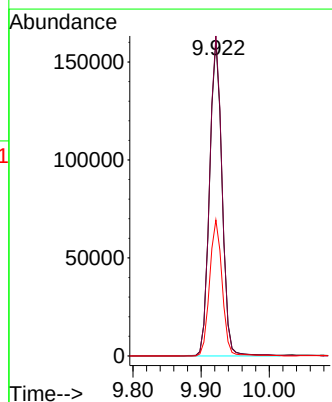
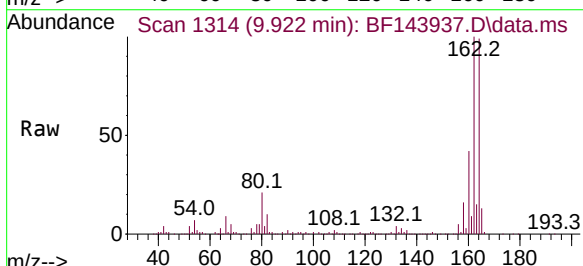
Tgt Ion:164 Resp: 204732

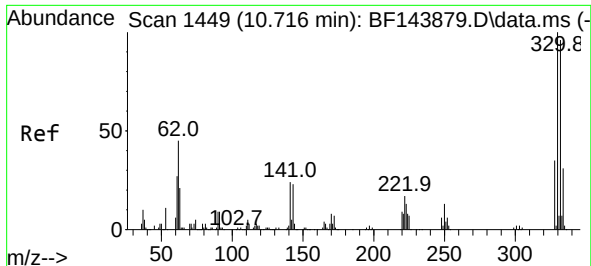
Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

160 43.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 56.834 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF143937.D

Acq: 13 Oct 2025 17:32

Instrument :

BNA_F

ClientSampleId :

SED-01-0-2

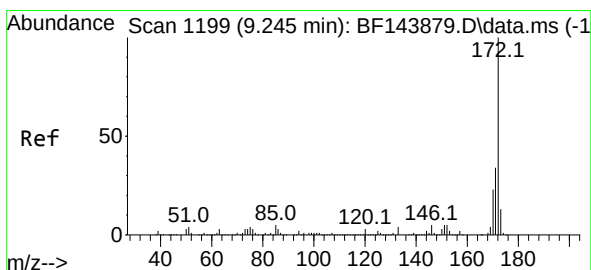
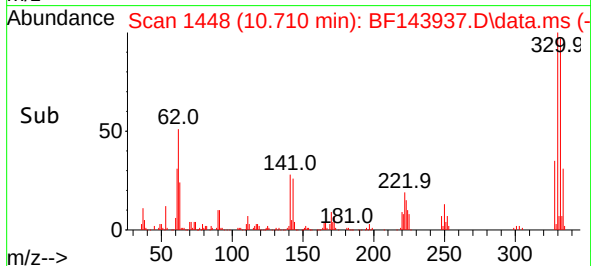
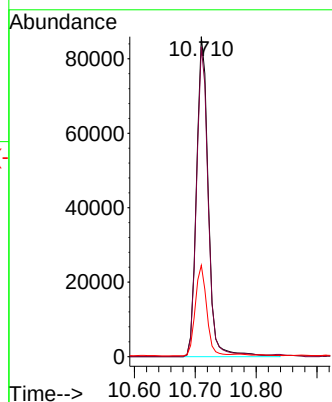
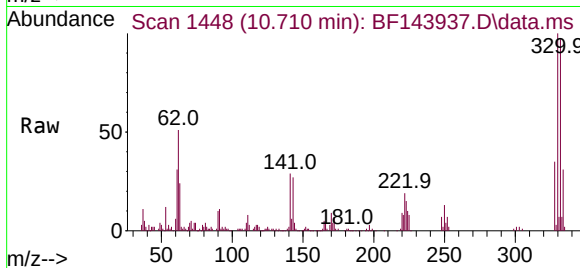
Tgt Ion:330 Resp: 115894

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 27.5 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 47.484 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143937.D

Acq: 13 Oct 2025 17:32

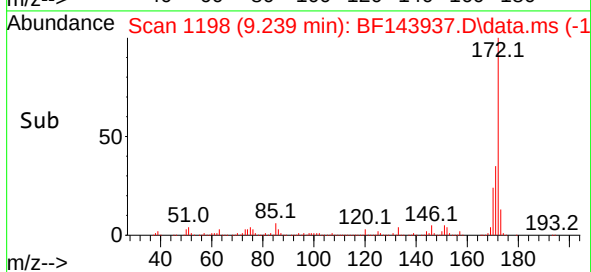
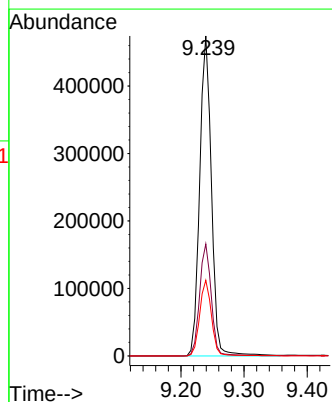
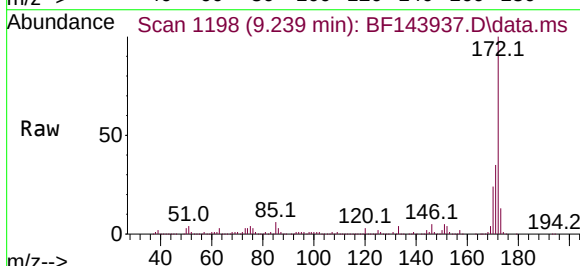
Tgt Ion:172 Resp: 612674

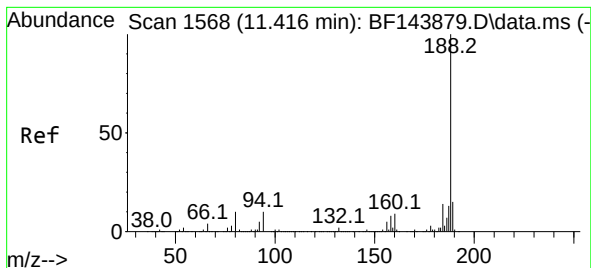
Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143937.D

Acq: 13 Oct 2025 17:32

Instrument :

BNA_F

ClientSampleId :

SED-01-0-2

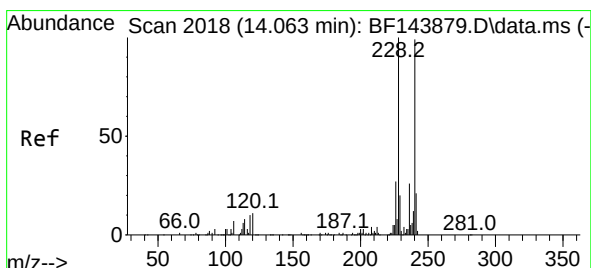
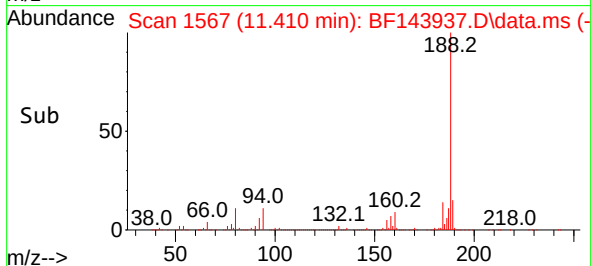
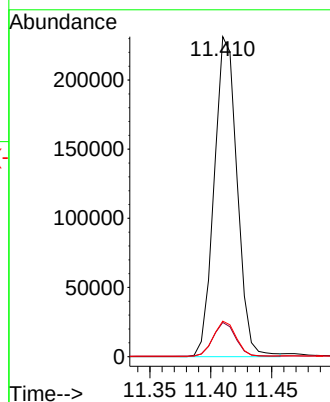
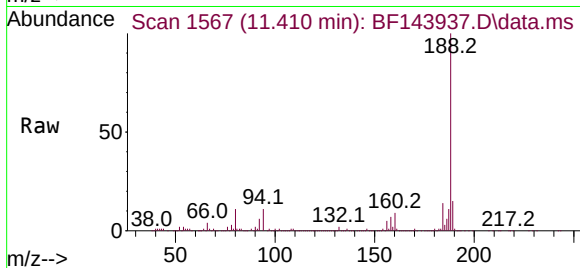
Tgt Ion:188 Resp: 303202

Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF143937.D

Acq: 13 Oct 2025 17:32

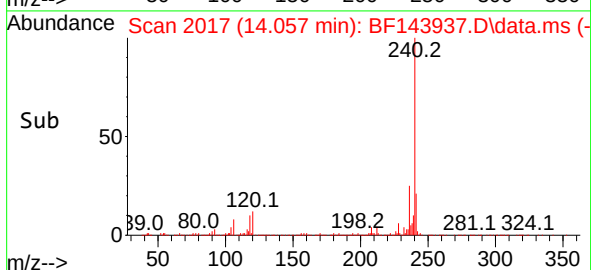
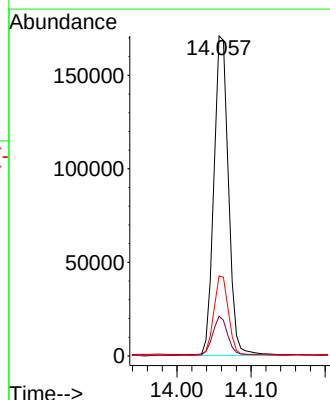
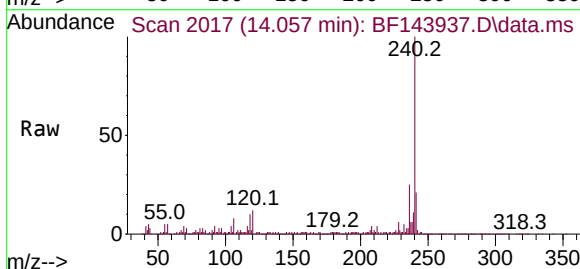
Tgt Ion:240 Resp: 234493

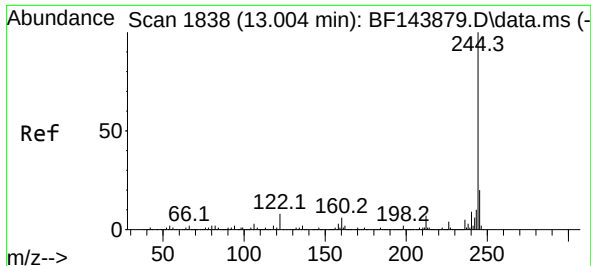
Ion Ratio Lower Upper

240 100

120 12.4 8.6 13.0

236 25.0 21.1 31.7

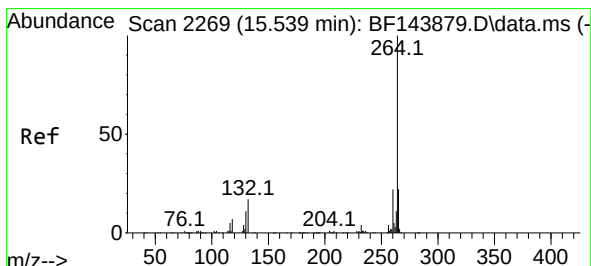
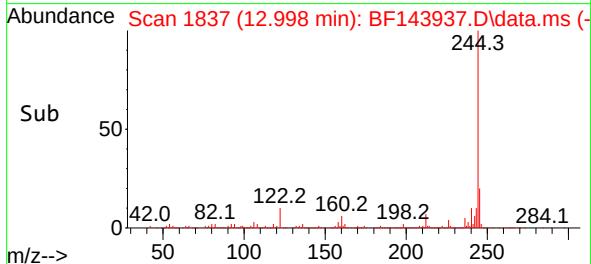
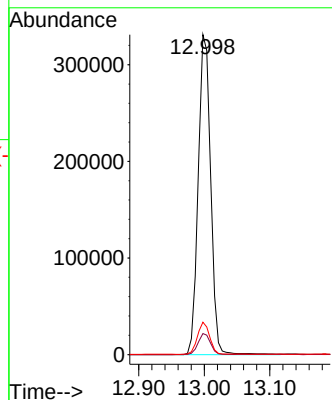
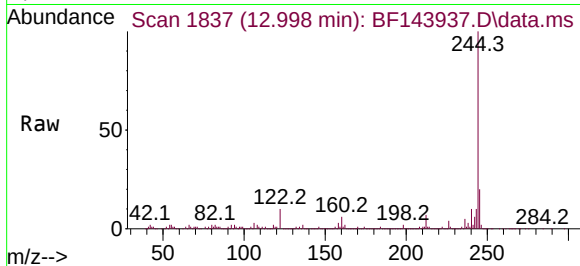




#79
 Terphenyl-d14
 Concen: 31.691 ng
 RT: 12.998 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF143937.D
 Acq: 13 Oct 2025 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SED-01-0-2

Tgt Ion:244 Resp: 434819
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143937.D
 Acq: 13 Oct 2025 17:32

Tgt Ion:264 Resp: 314720
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 21.3 17.5 26.3

