

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143059.D
 Acq On : 09 Jul 2025 16:29
 Operator : RC/JU
 Sample : Q2517-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Jul 09 16:50:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	49442	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	183147	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	93641	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	154722	20.000	ng	0.00
76) Chrysene-d12	14.051	240	86924	20.000	ng	0.00
86) Perylene-d12	15.545	264	112222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	230552	77.637	ng	0.00
7) Phenol-d6	6.504	99	283191	80.829	ng	0.00
23) Nitrobenzene-d5	7.434	82	169703	50.824	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	50743	52.658	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	352070	49.391	ng	-0.02
79) Terphenyl-d14	12.986	244	290795	46.223	ng	-0.01

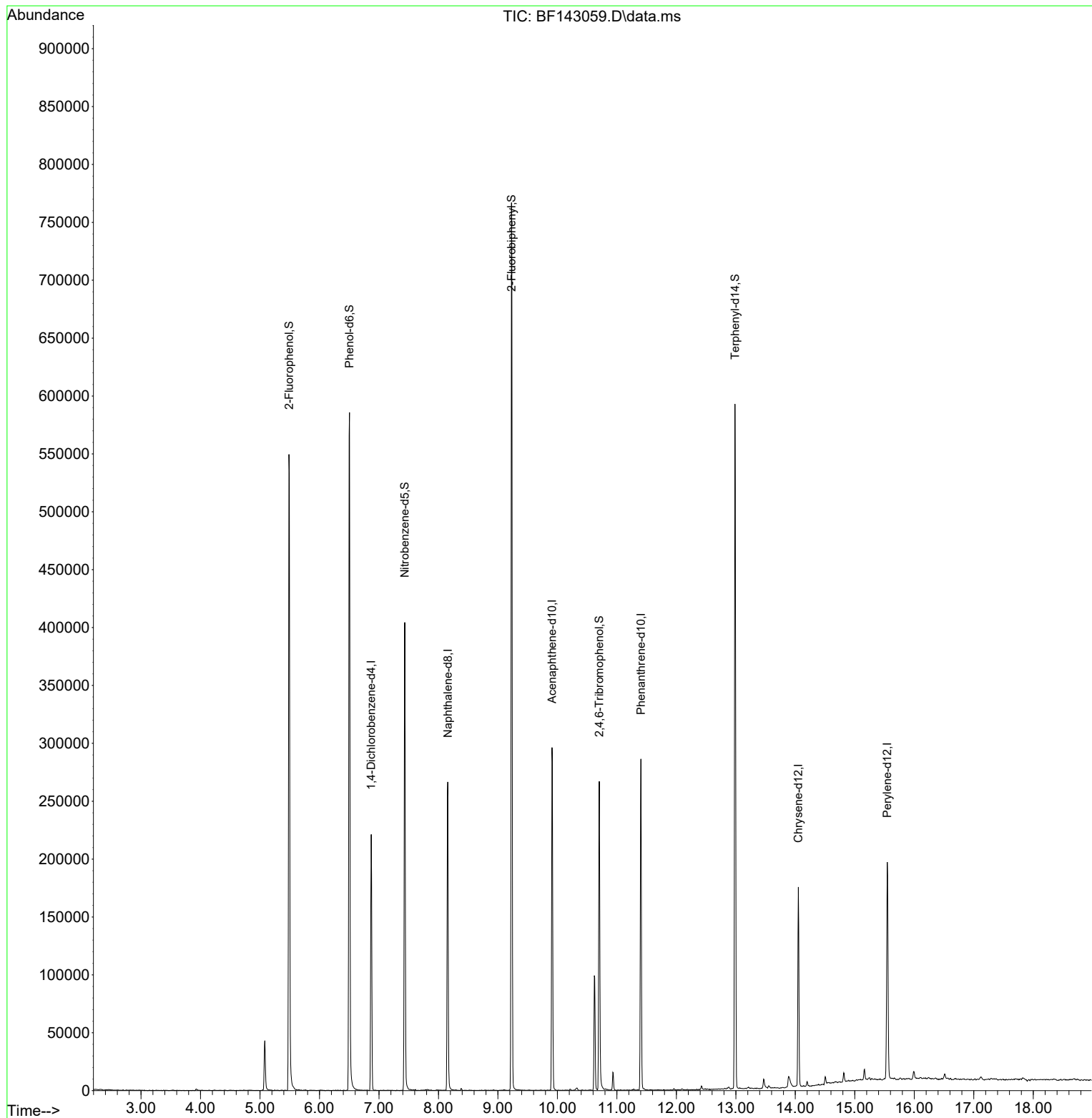
Target Compounds	Qvalue

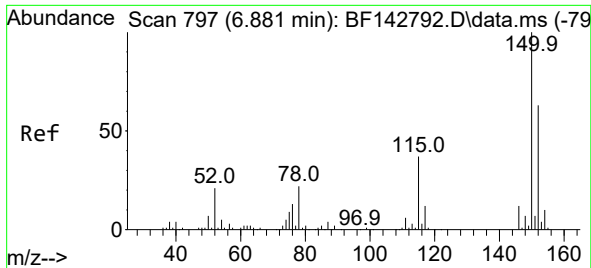
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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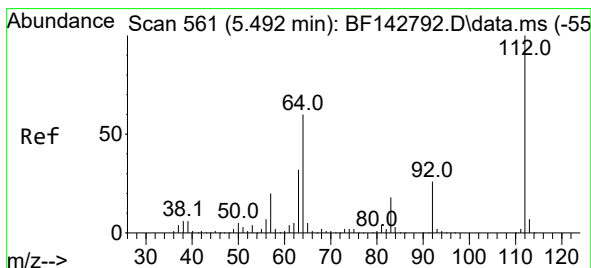
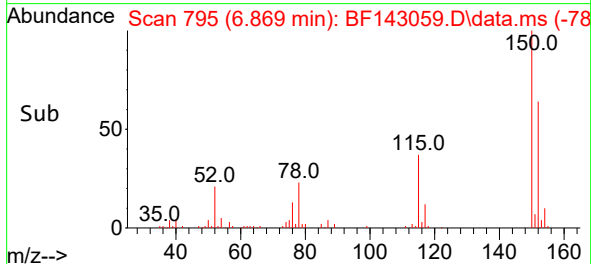
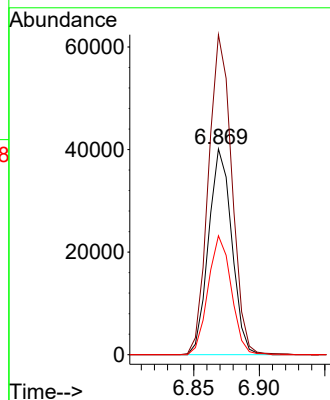
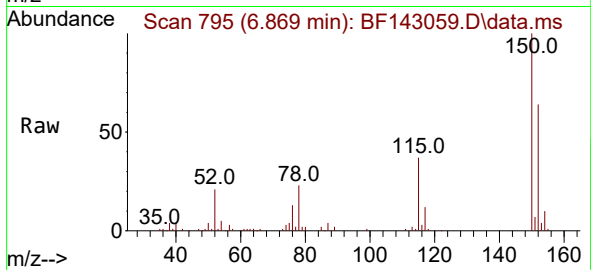




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

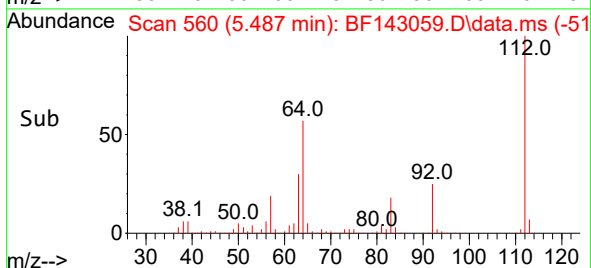
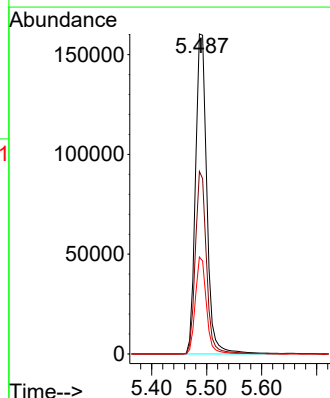
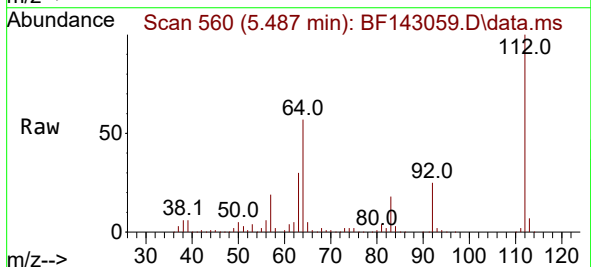
Instrument :
BNA_F
ClientSampleId :
TP-14

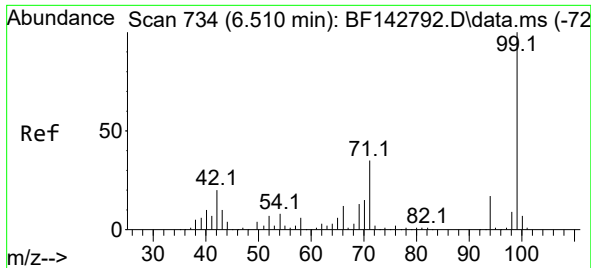
Tgt Ion:152 Resp: 49442
Ion Ratio Lower Upper
152 100
150 155.5 127.2 190.8
115 57.8 46.6 69.8



#5
2-Fluorophenol
Concen: 77.637 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

Tgt Ion:112 Resp: 230552
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.2
63 30.3 25.7 38.5

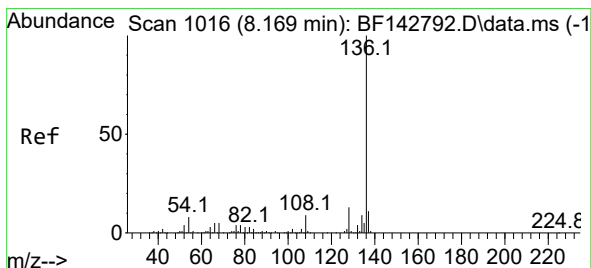
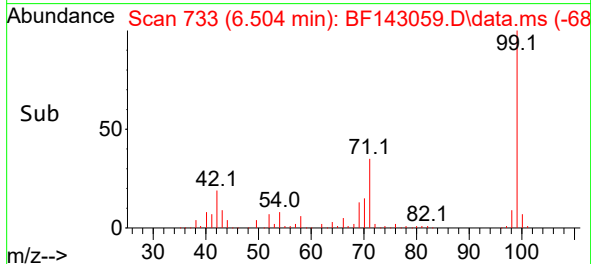
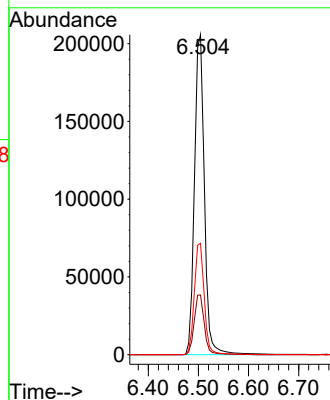
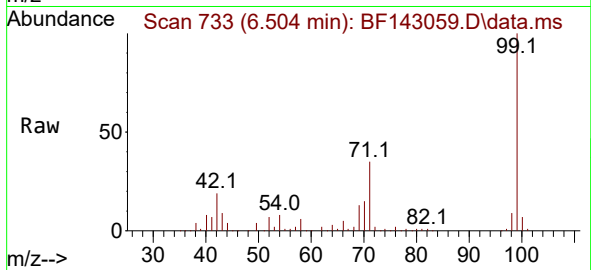




#7
Phenol-d6
Concen: 80.829 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

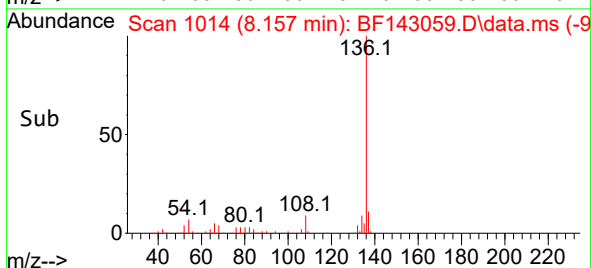
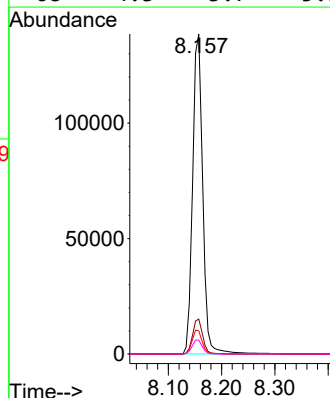
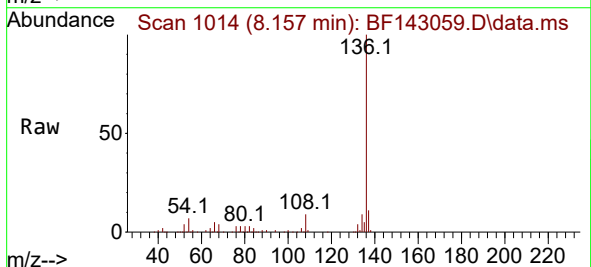
Instrument :
BNA_F
ClientSampleId :
TP-14

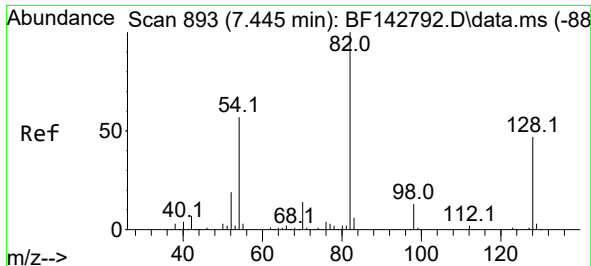
Tgt Ion: 99 Resp: 283191
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 34.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

Tgt Ion: 136 Resp: 183147
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.3 6.3 9.5
68 4.3 3.7 5.5

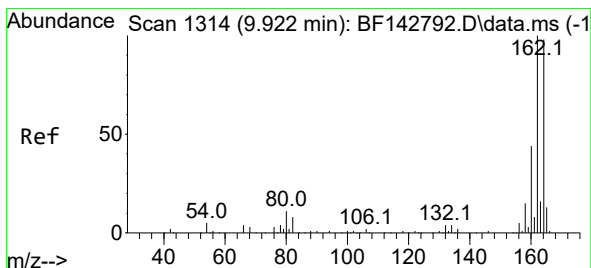
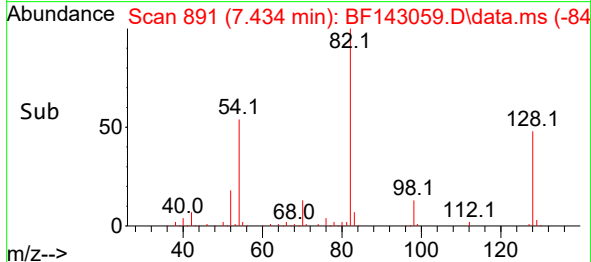
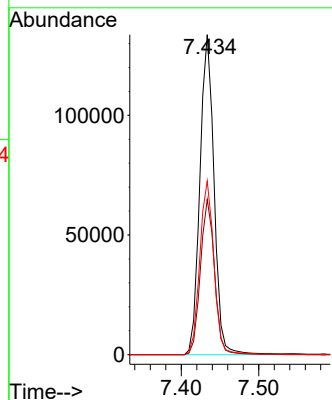
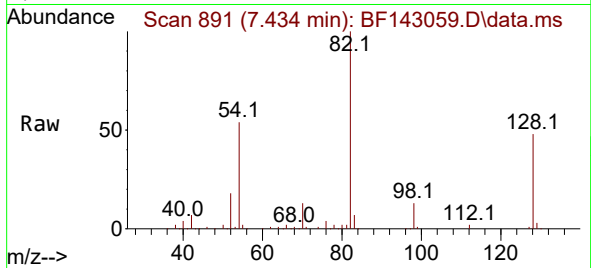




#23
Nitrobenzene-d5
Concen: 50.824 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

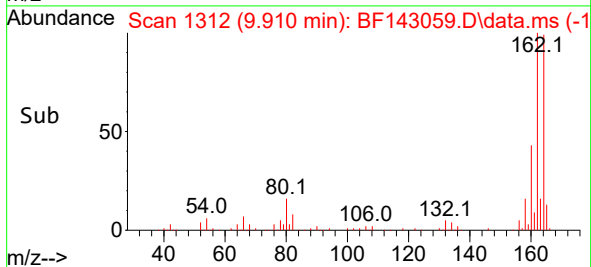
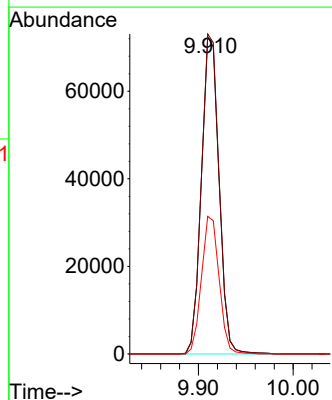
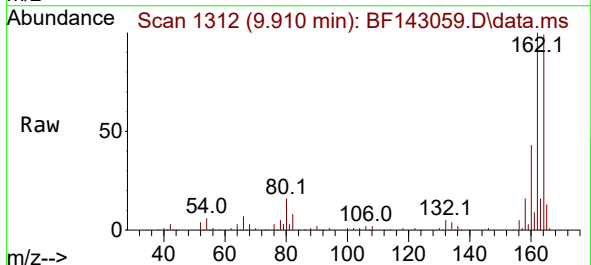
Instrument :
BNA_F
ClientSampleId :
TP-14

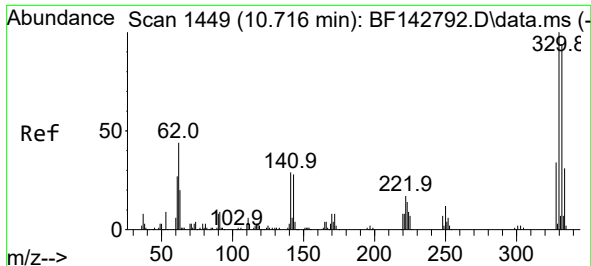
Tgt Ion: 82 Resp: 169703
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 54.3 45.7 68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

Tgt Ion:164 Resp: 93641
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.8
160 43.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 52.658 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF143059.D

Acq: 09 Jul 2025 16:29

Instrument :

BNA_F

ClientSampleId :

TP-14

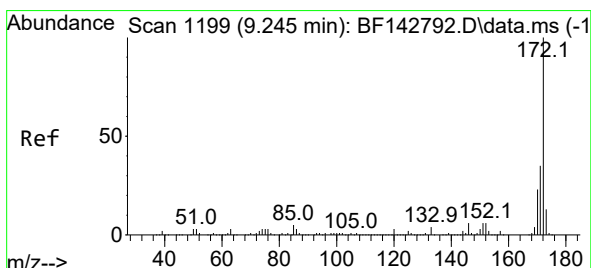
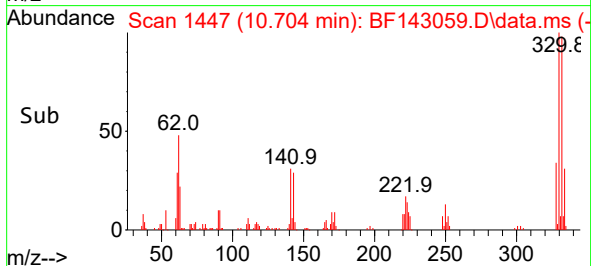
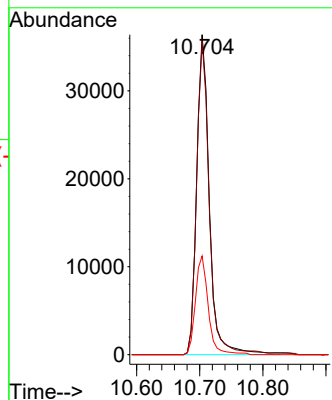
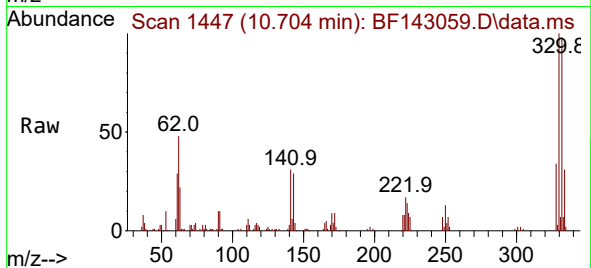
Tgt Ion:330 Resp: 50743

Ion Ratio Lower Upper

330 100

332 97.4 75.0 112.6

141 31.1 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 49.391 ng

RT: 9.227 min Scan# 1196

Delta R.T. -0.018 min

Lab File: BF143059.D

Acq: 09 Jul 2025 16:29

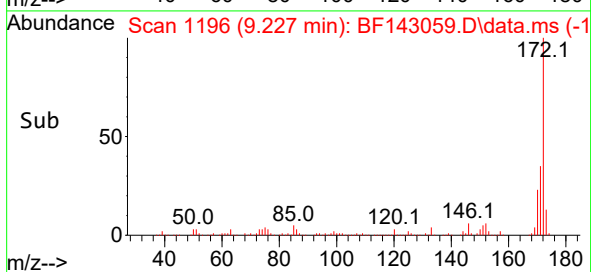
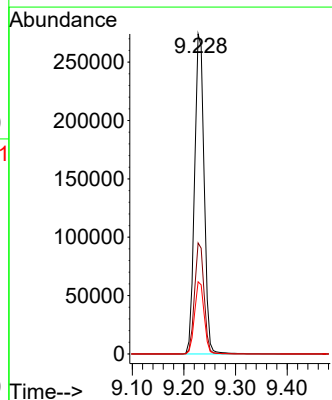
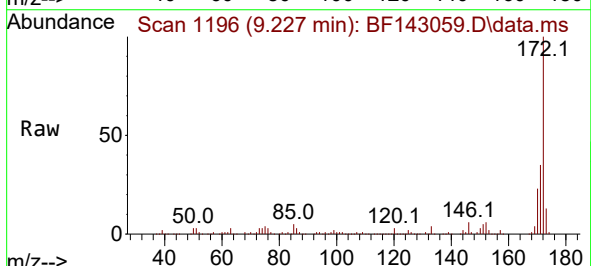
Tgt Ion:172 Resp: 352070

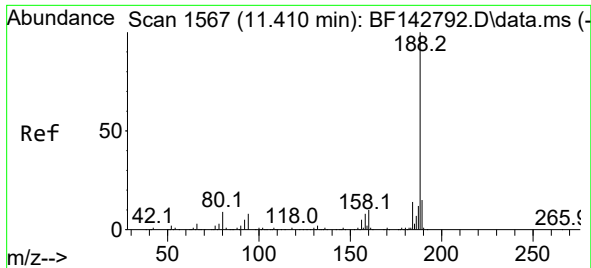
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.6 18.5 27.7

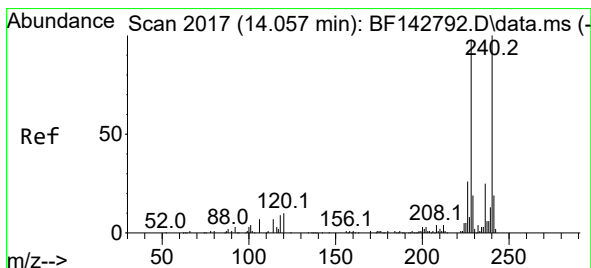
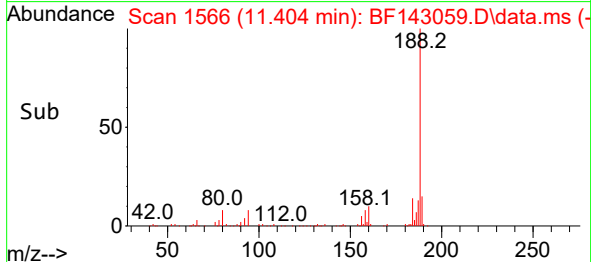
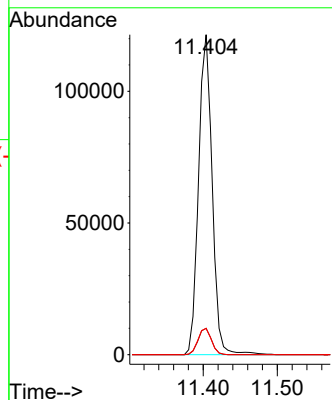
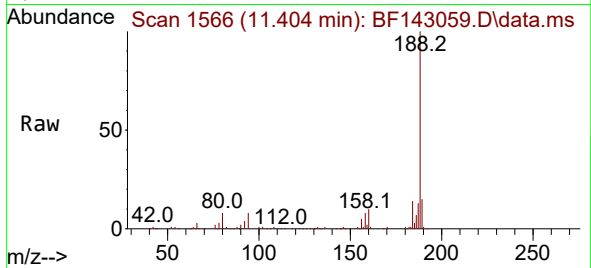




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

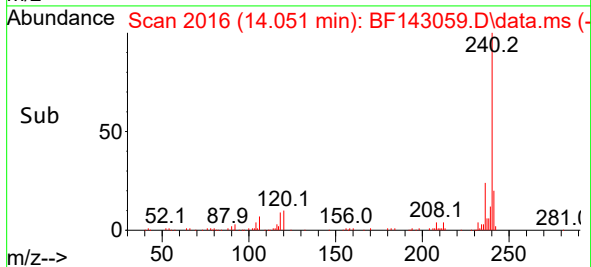
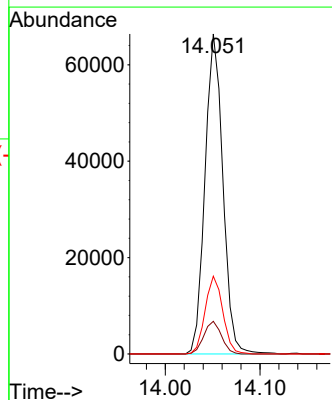
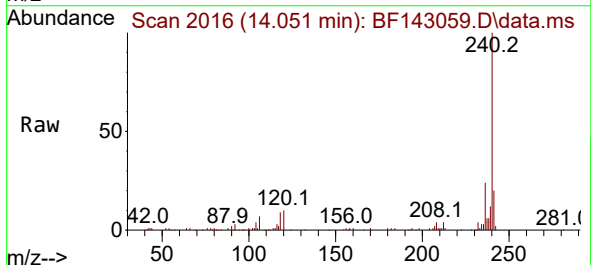
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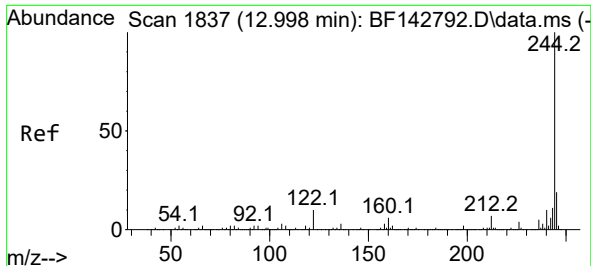
Tgt Ion:188 Resp: 154722
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143059.D
Acq: 09 Jul 2025 16:29

Tgt Ion:240 Resp: 86924
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.3 19.8 29.8

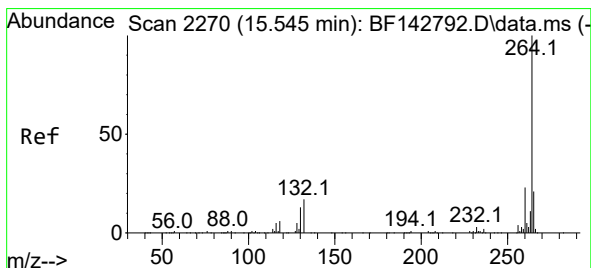
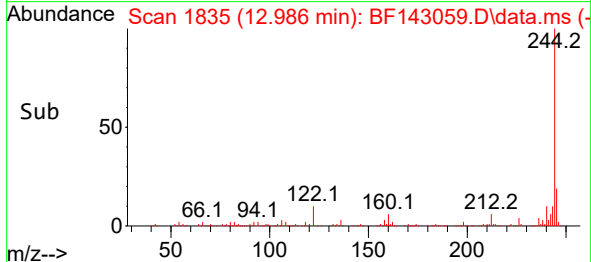
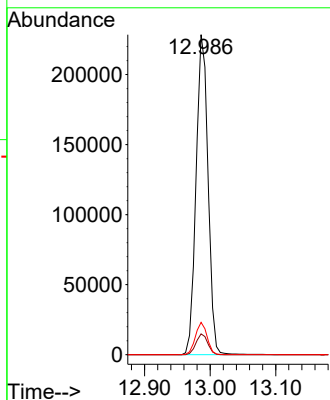
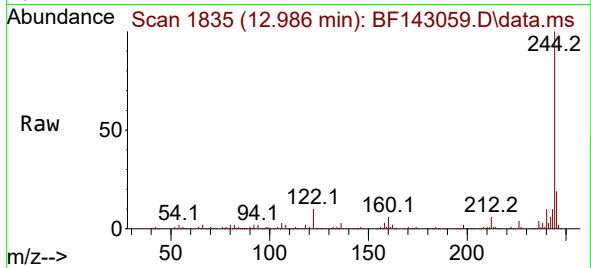




#79
 Terphenyl-d14
 Concen: 46.223 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF143059.D
 Acq: 09 Jul 2025 16:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tgt Ion:244 Resp: 290795
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF143059.D
 Acq: 09 Jul 2025 16:29

Tgt Ion:264 Resp: 112222
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.1 27.1
 265 21.0 16.6 25.0

