

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142954.D
 Acq On : 01 Jul 2025 17:29
 Operator : RC/JU
 Sample : Q2458-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-62

Quant Time: Jul 01 17:49:40 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	6.875	152	50422	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	167358	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	75314	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	137885	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	148822	20.000	ng	-0.01
86) Perylene-d12	15.539	264	117407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	198796	65.642	ng	0.00
7) Phenol-d6	6.498	99	217893	60.983	ng	-0.01
23) Nitrobenzene-d5	7.434	82	137581	45.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	59306	76.521	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	275617	48.075	ng	-0.02
79) Terphenyl-d14	12.986	244	325214	30.194	ng	-0.01

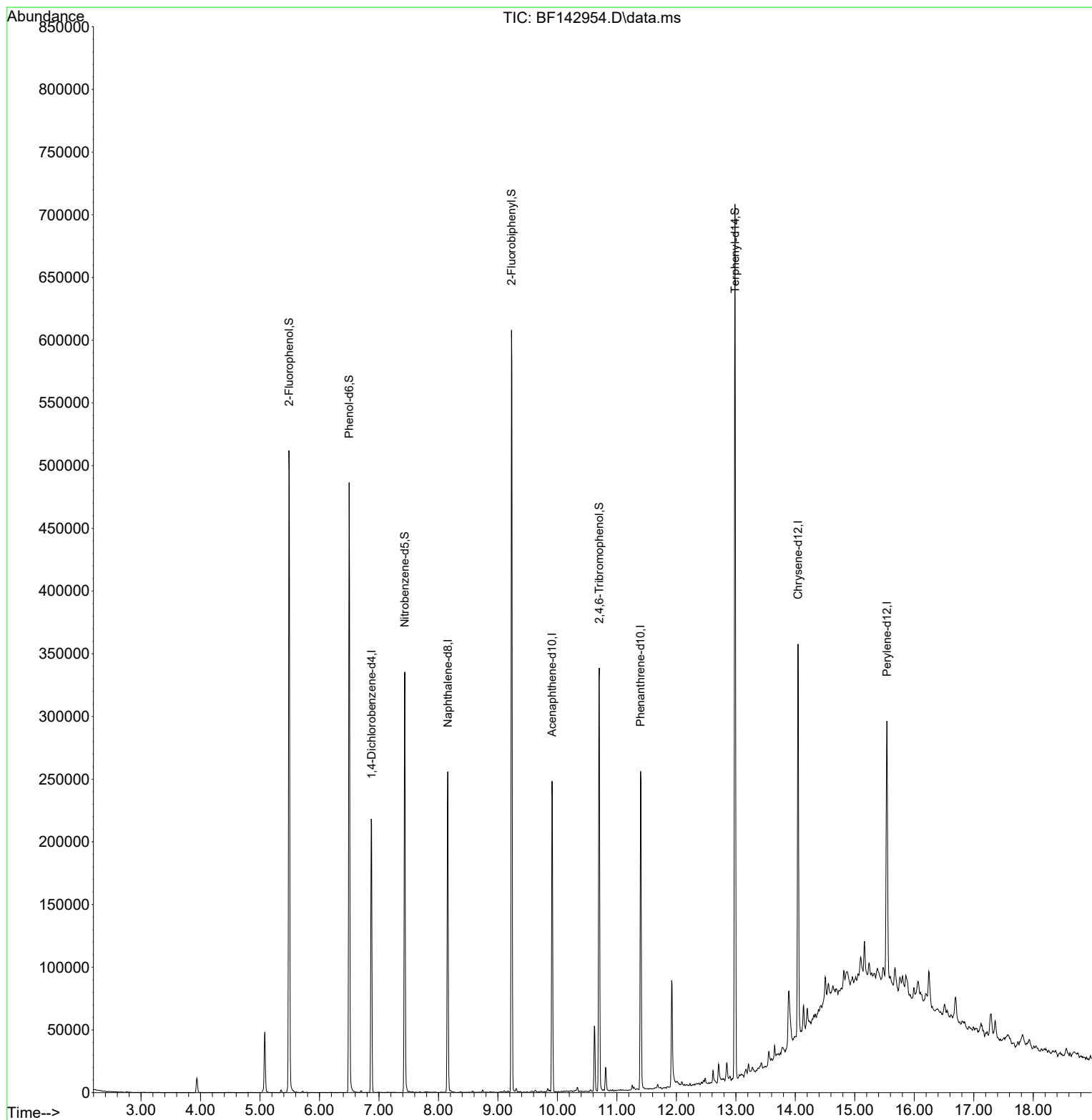
Target Compounds	Qvalue

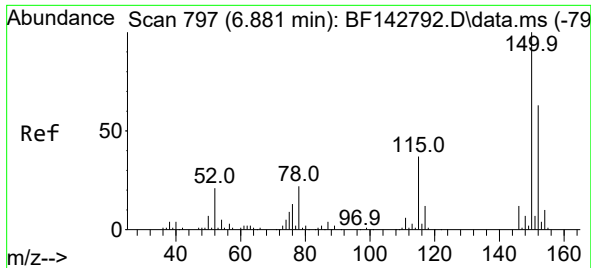
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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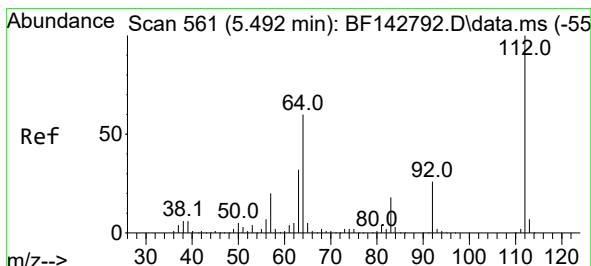
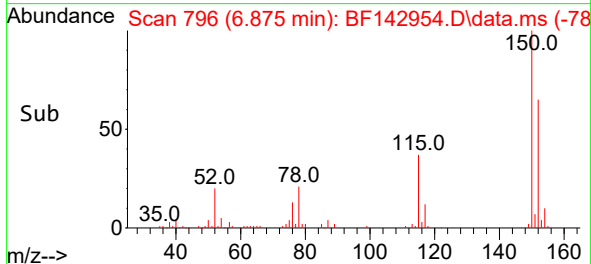
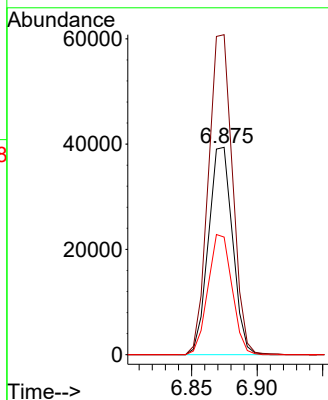
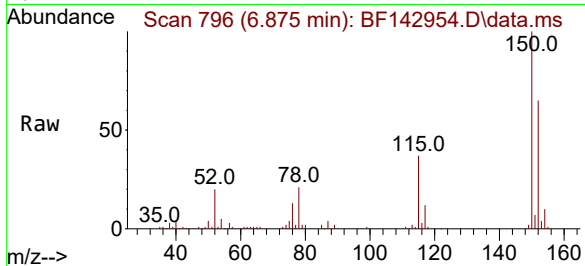




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

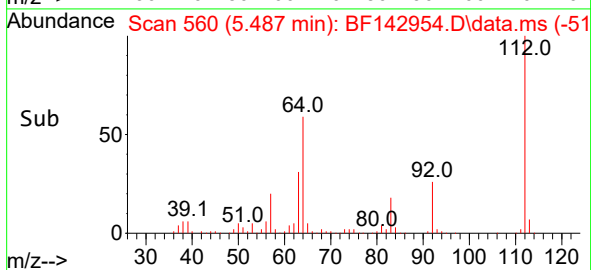
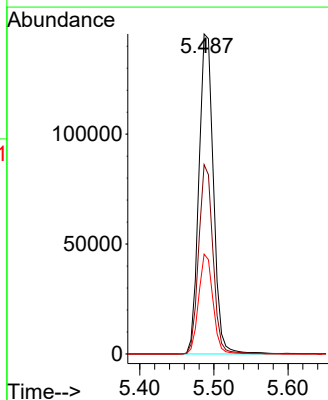
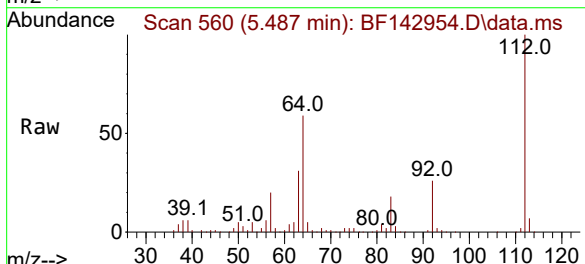
Instrument :
BNA_F
ClientSampleId :
TP-62

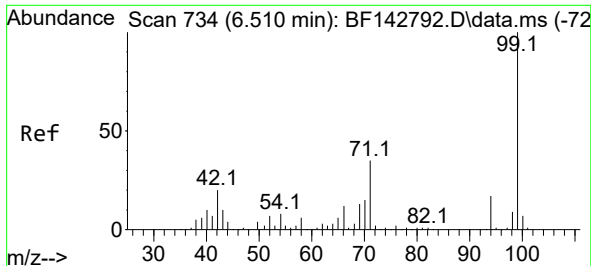
Tgt Ion:152 Resp: 50422
Ion Ratio Lower Upper
152 100
150 154.4 127.2 190.8
115 56.7 46.6 69.8



#5
2-Fluorophenol
Concen: 65.642 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

Tgt Ion:112 Resp: 198796
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.2
63 31.2 25.7 38.5

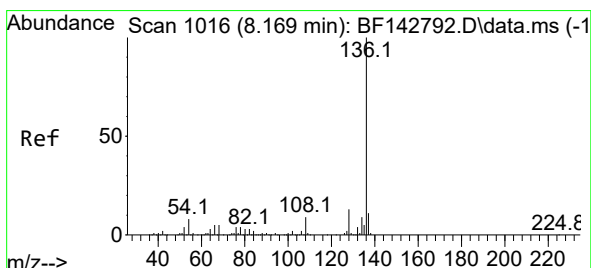
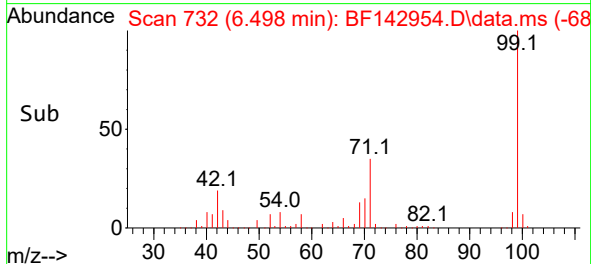
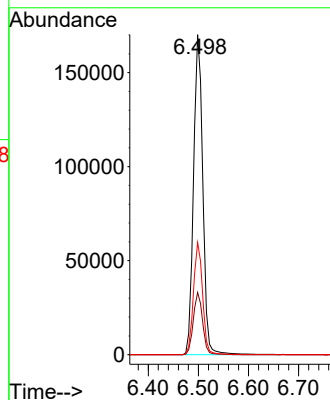
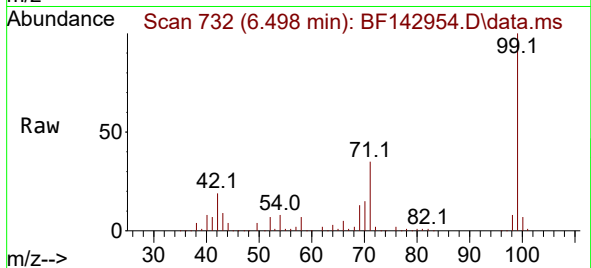




#7
Phenol-d6
Concen: 60.983 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

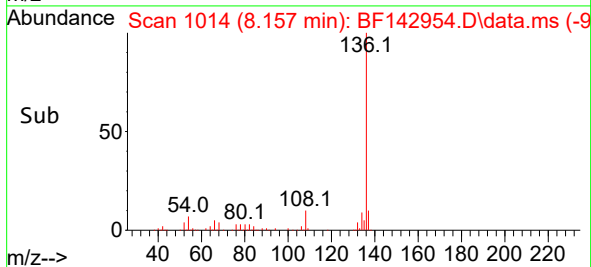
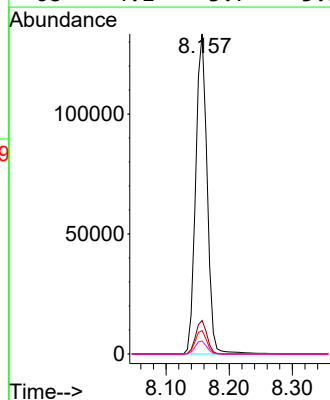
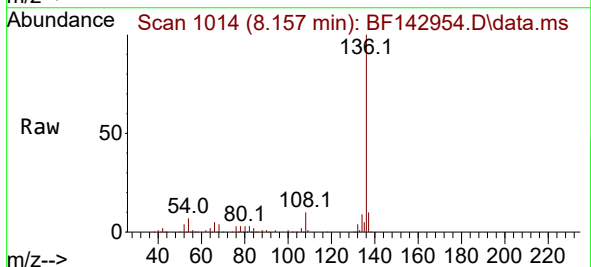
Instrument :
BNA_F
ClientSampleId :
TP-62

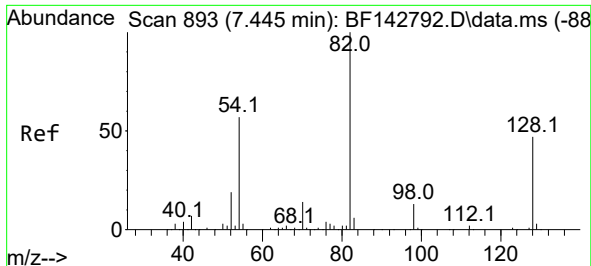
Tgt Ion: 99 Resp: 217893
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

Tgt Ion: 136 Resp: 167358
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.3 6.3 9.5
68 4.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 45.092 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142954.D

Acq: 01 Jul 2025 17:29

Instrument :

BNA_F

ClientSampleId :

TP-62

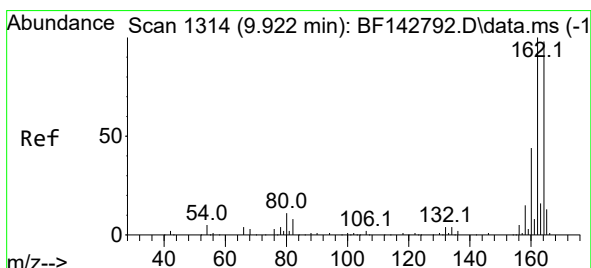
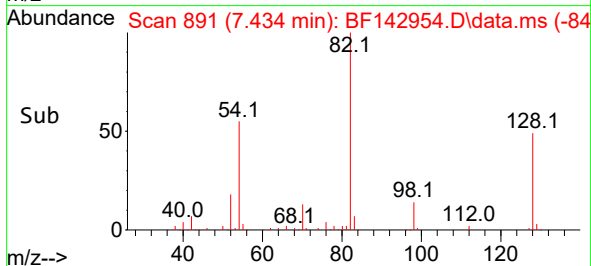
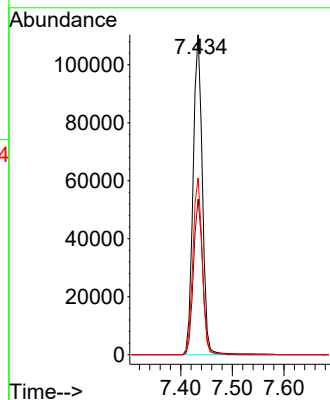
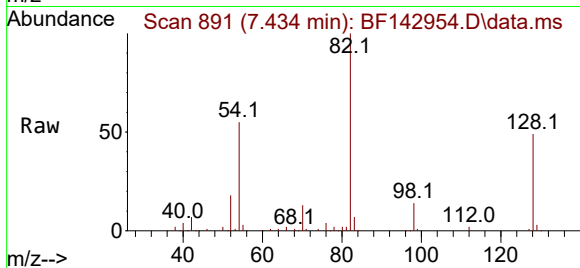
Tgt Ion: 82 Resp: 137581

Ion Ratio Lower Upper

82 100

128 48.6 37.7 56.5

54 55.2 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: BF142954.D

Acq: 01 Jul 2025 17:29

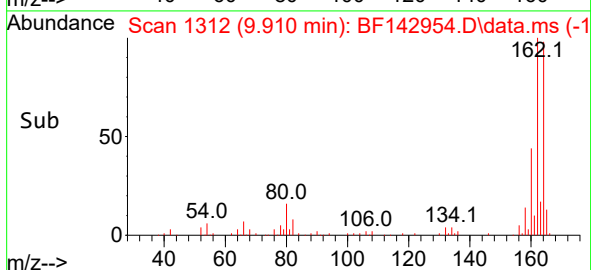
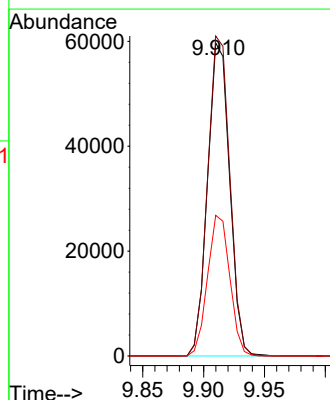
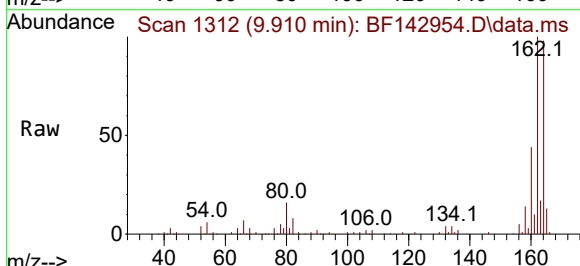
Tgt Ion:164 Resp: 75314

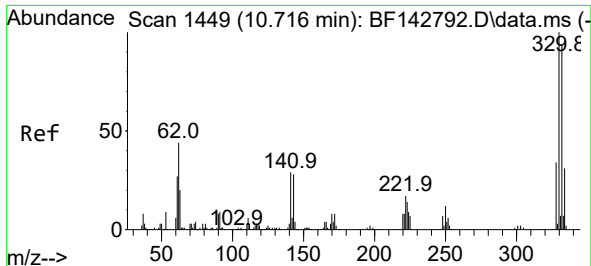
Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

160 44.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 76.521 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF142954.D

Acq: 01 Jul 2025 17:29

Instrument :

BNA_F

ClientSampleId :

TP-62

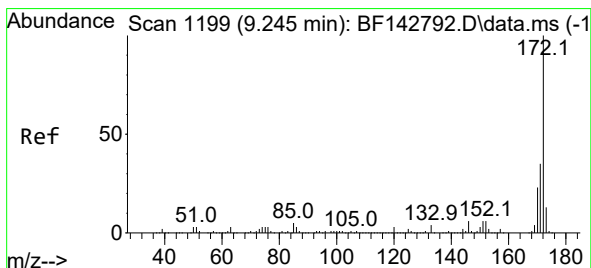
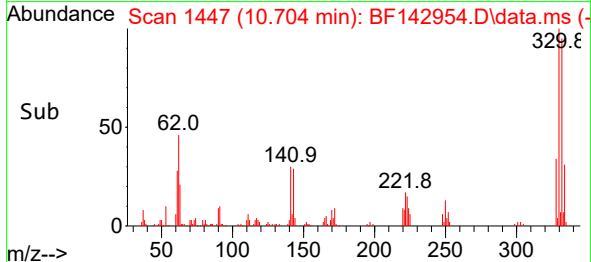
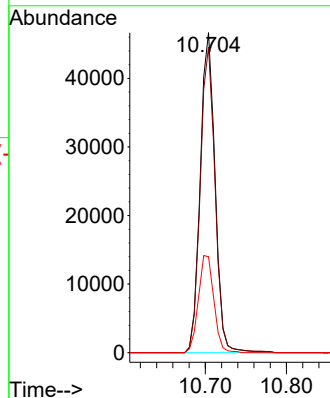
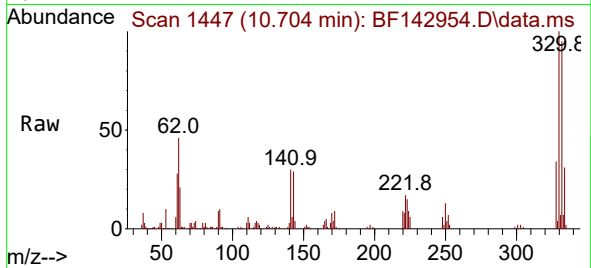
Tgt Ion:330 Resp: 59306

Ion Ratio Lower Upper

330 100

332 95.6 75.0 112.6

141 31.6 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 48.075 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.017 min

Lab File: BF142954.D

Acq: 01 Jul 2025 17:29

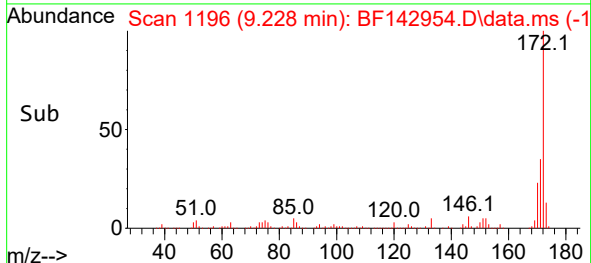
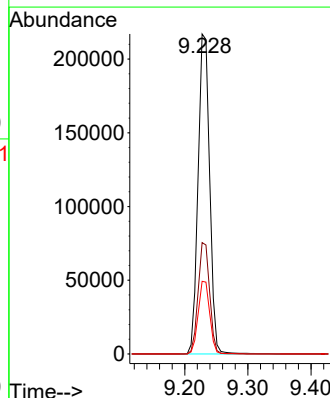
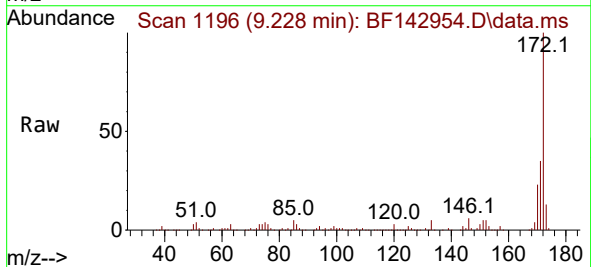
Tgt Ion:172 Resp: 275617

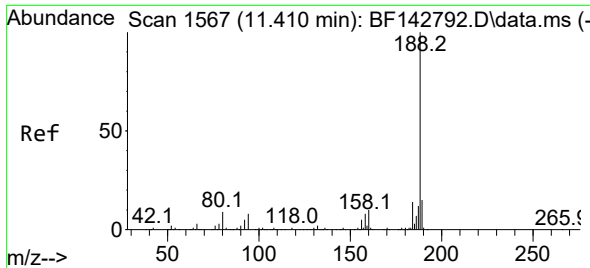
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 22.7 18.5 27.7

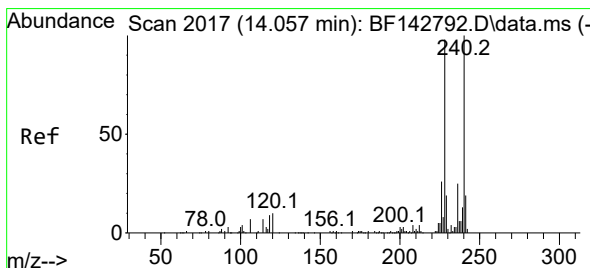
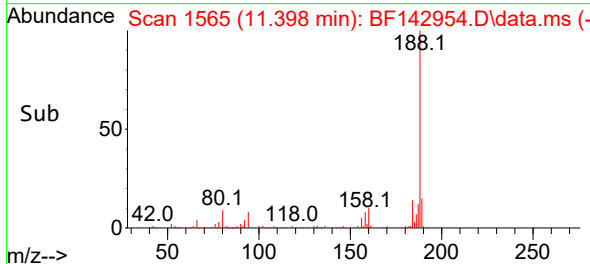
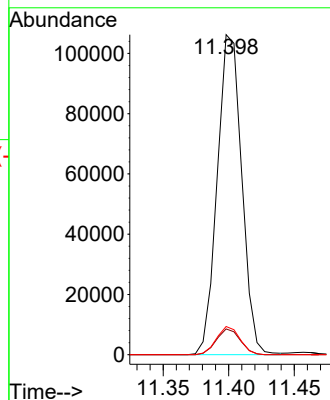
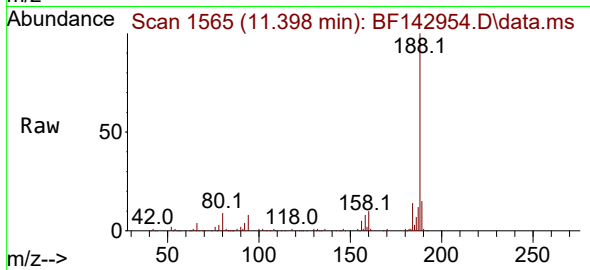




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

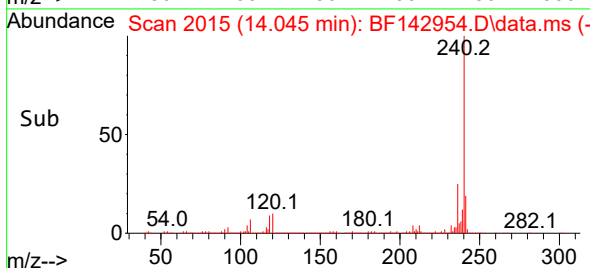
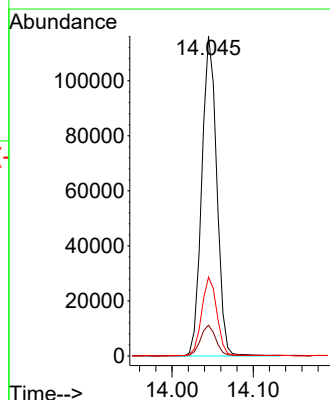
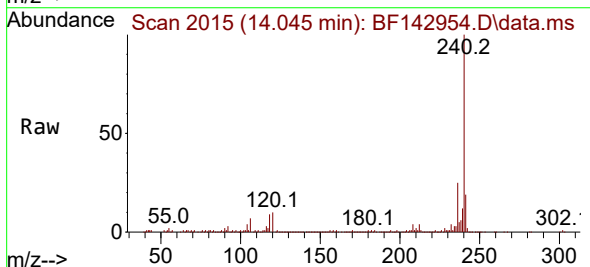
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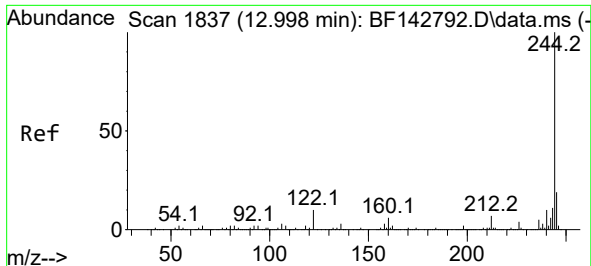
Tgt Ion:188 Resp: 137885
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

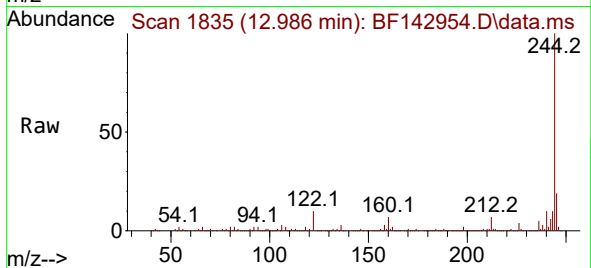
Tgt Ion:240 Resp: 148822
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 24.7 19.8 29.8



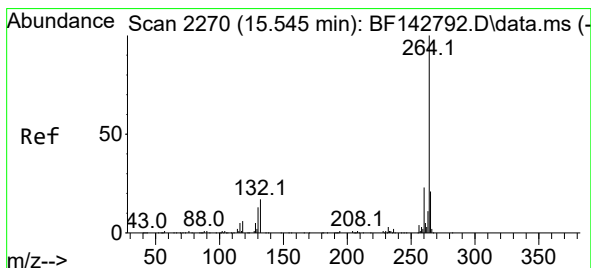
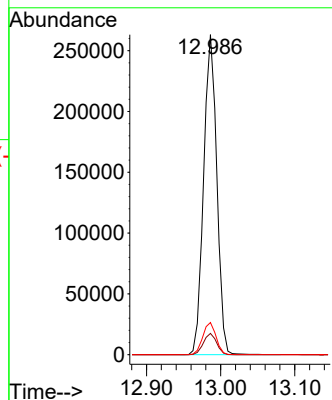
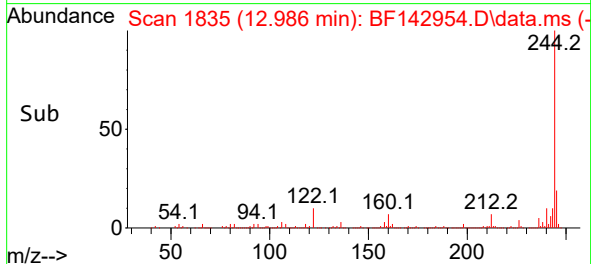


#79
Terphenyl-d14
Concen: 30.194 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 325214
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.1 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142954.D
Acq: 01 Jul 2025 17:29

Tgt Ion:264 Resp: 117407
Ion Ratio Lower Upper
264 100
260 22.6 18.1 27.1
265 21.8 16.6 25.0

