

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143049.D
 Acq On : 09 Jul 2025 11:23
 Operator : RC/JU
 Sample : PB168737BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

Quant Time: Jul 09 11:44:24 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	57363	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	220874	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	118712	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	203771	20.000	ng	0.00
76) Chrysene-d12	14.051	240	110413	20.000	ng	0.00
86) Perylene-d12	15.545	264	115591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	438392	127.240	ng	0.01
7) Phenol-d6	6.504	99	520917	128.151	ng	0.00
23) Nitrobenzene-d5	7.434	82	322973	80.206	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	161220	131.971	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	718776	79.540	ng	-0.01
79) Terphenyl-d14	12.992	244	692069	86.605	ng	0.00

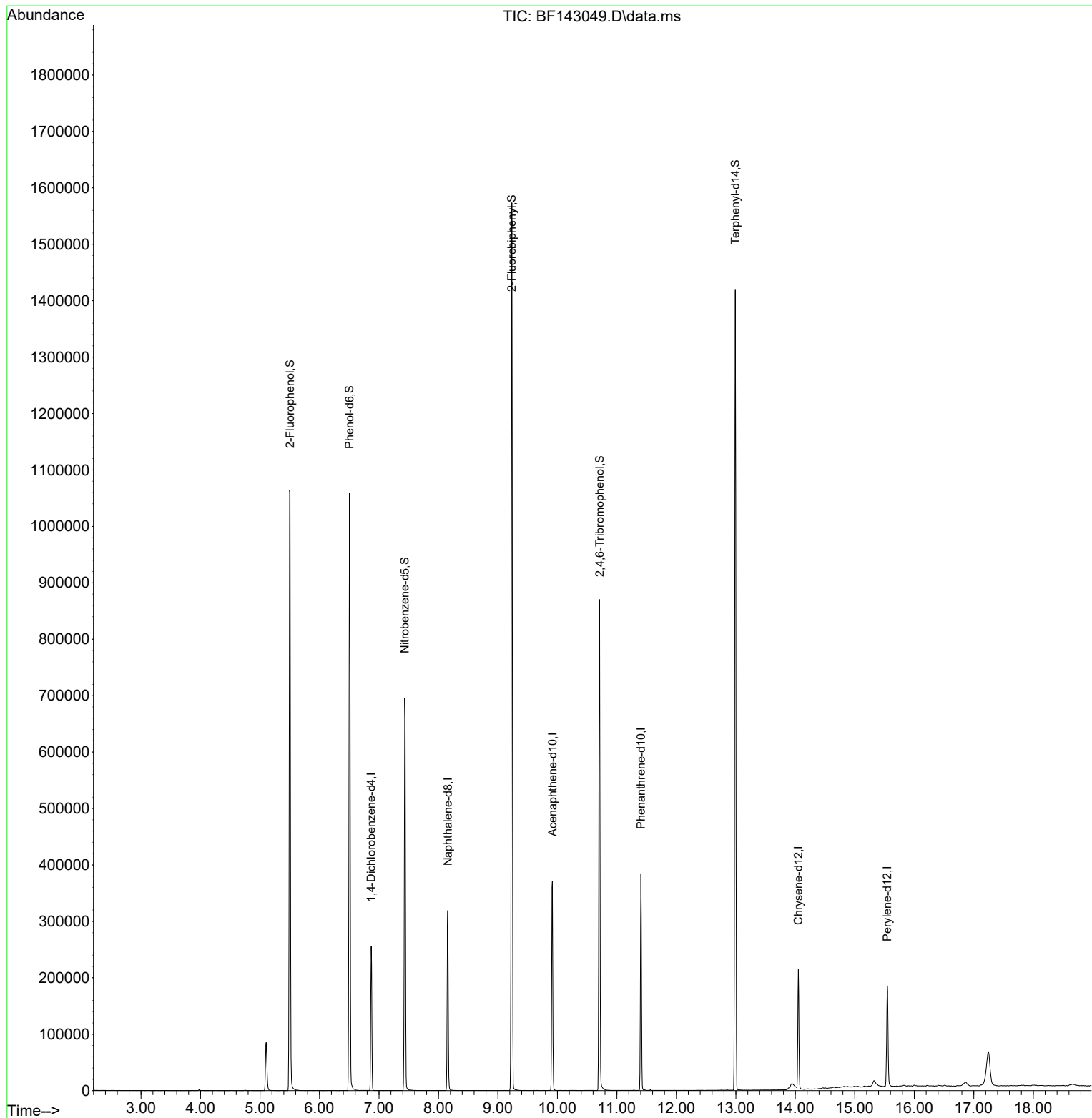
Target Compounds	Qvalue

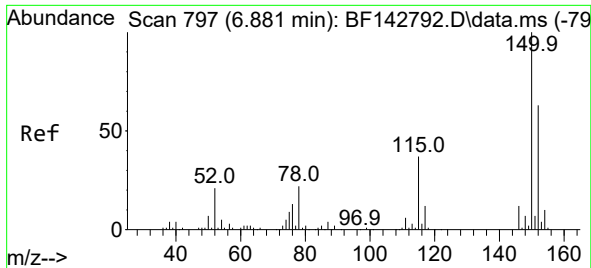
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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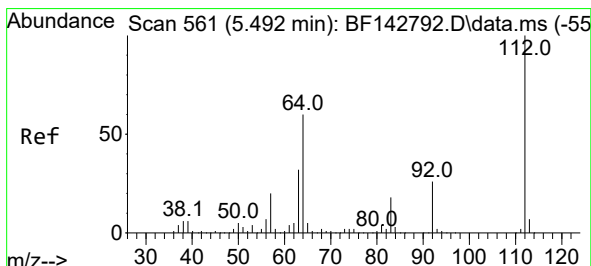
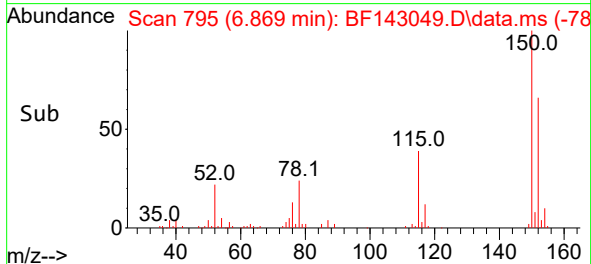
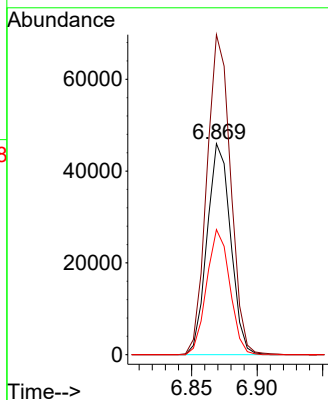
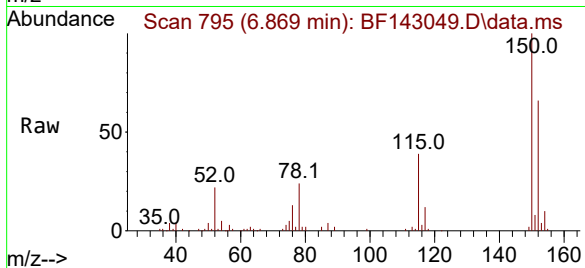




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 797
 Delta R.T. -0.012 min
 Lab File: BF143049.D
 Acq: 09 Jul 2025 11:23

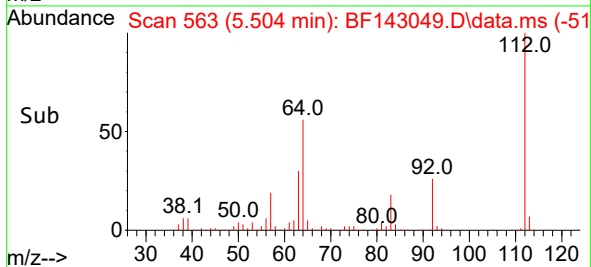
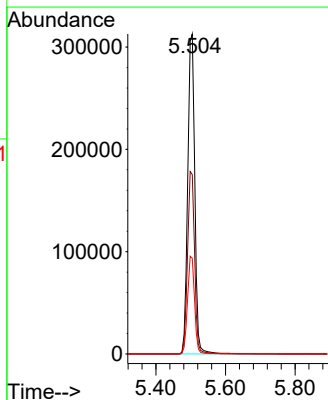
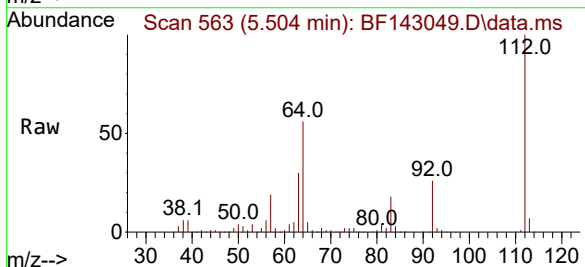
Instrument :
 BNA_F
 ClientSampleId :
 PB168737BL

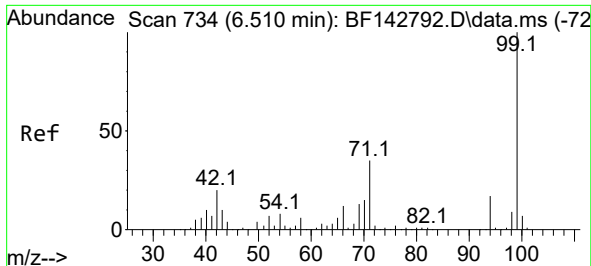
Tgt Ion:152 Resp: 57363
 Ion Ratio Lower Upper
 152 100
 150 151.6 127.2 190.8
 115 59.3 46.6 69.8



#5
 2-Fluorophenol
 Concen: 127.240 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF143049.D
 Acq: 09 Jul 2025 11:23

Tgt Ion:112 Resp: 438392
 Ion Ratio Lower Upper
 112 100
 64 56.0 48.2 72.2
 63 29.9 25.7 38.5

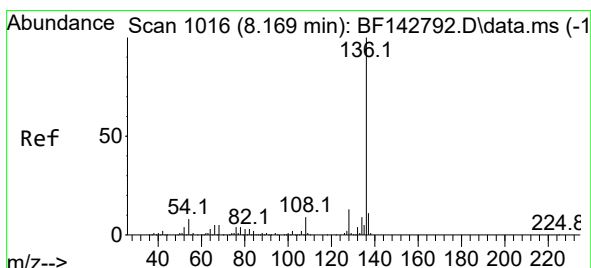
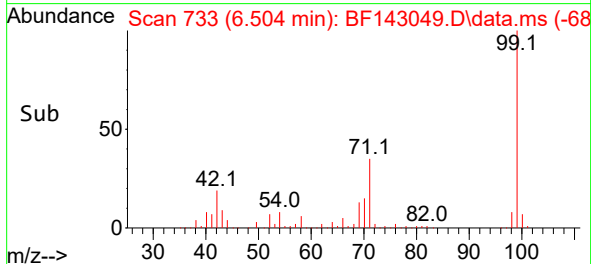
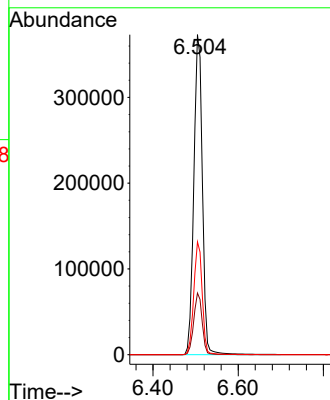
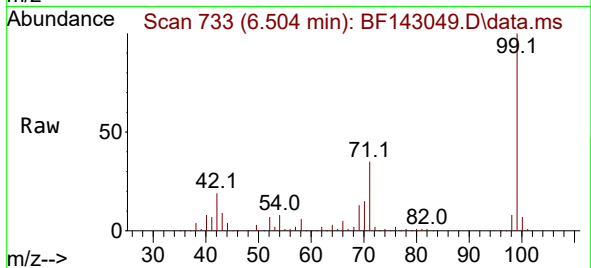




#7
Phenol-d6
Concen: 128.151 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143049.D
Acq: 09 Jul 2025 11:23

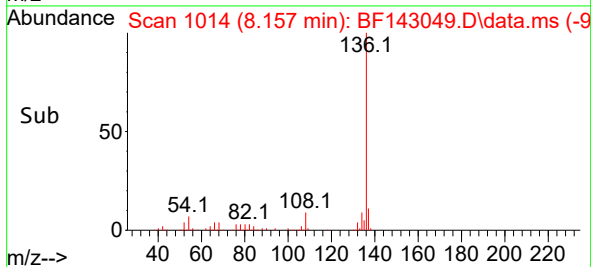
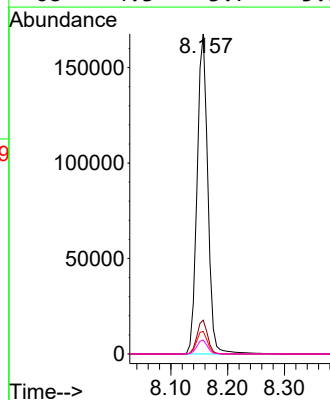
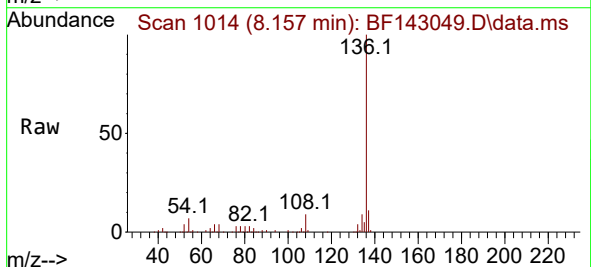
Instrument :
BNA_F
ClientSampleId :
PB168737BL

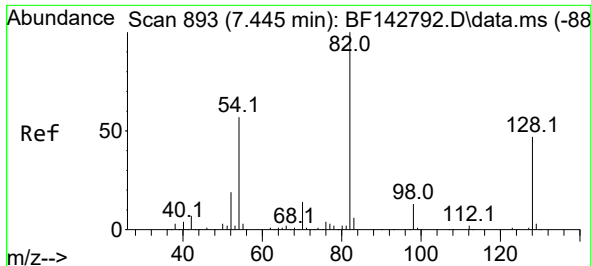
Tgt Ion: 99 Resp: 520917
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 35.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143049.D
Acq: 09 Jul 2025 11:23

Tgt Ion: 136 Resp: 220874
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.1 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 80.206 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF143049.D

Acq: 09 Jul 2025 11:23

Instrument :

BNA_F

ClientSampleId :

PB168737BL

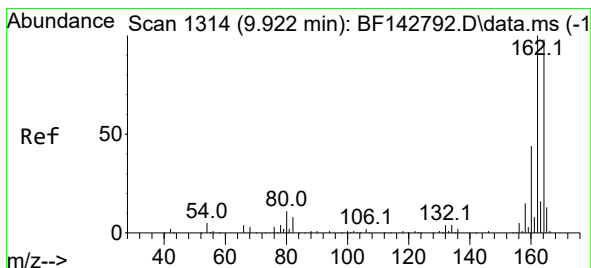
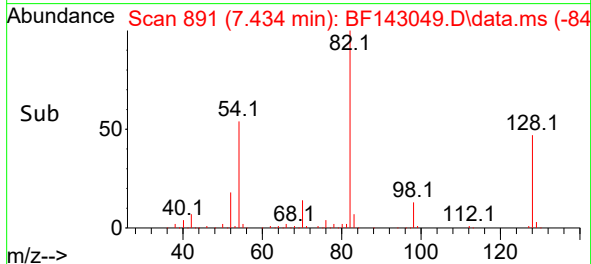
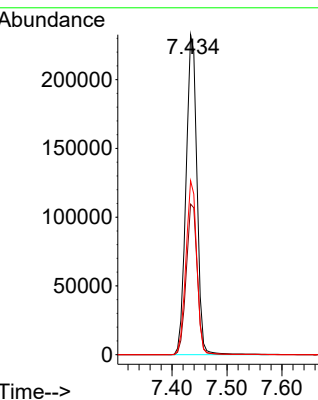
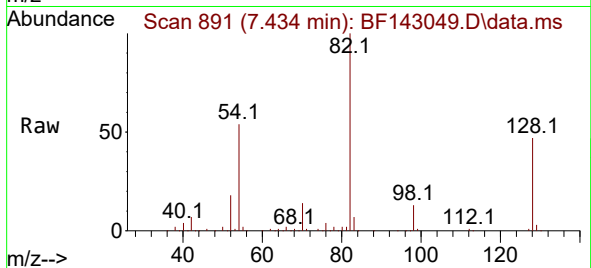
Tgt Ion: 82 Resp: 322973

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 54.3 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF143049.D

Acq: 09 Jul 2025 11:23

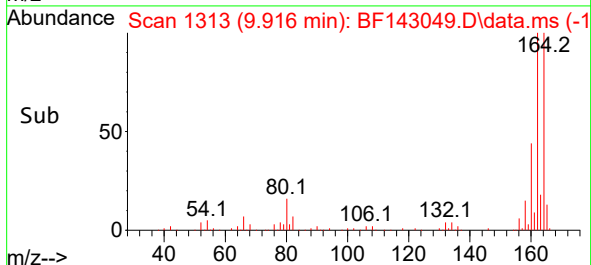
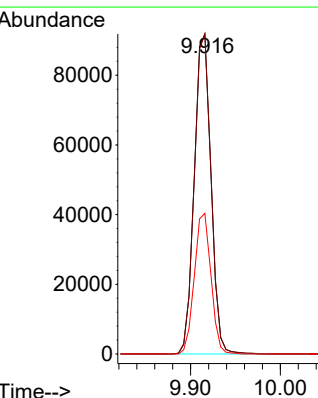
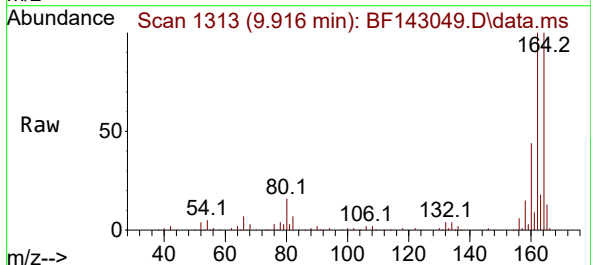
Tgt Ion:164 Resp: 118712

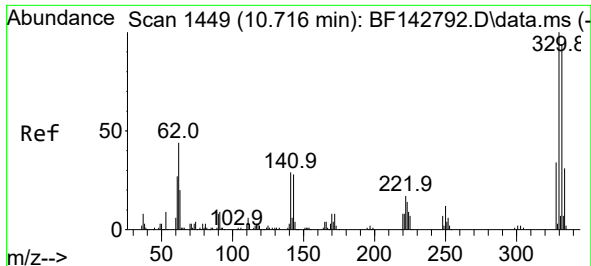
Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.8

160 43.9 36.0 54.0

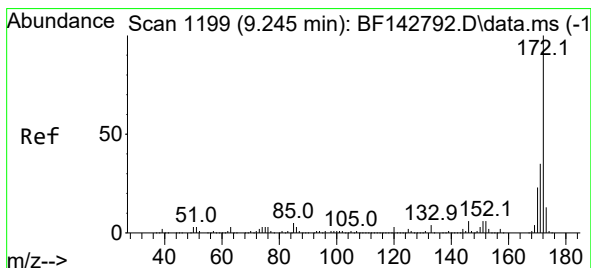
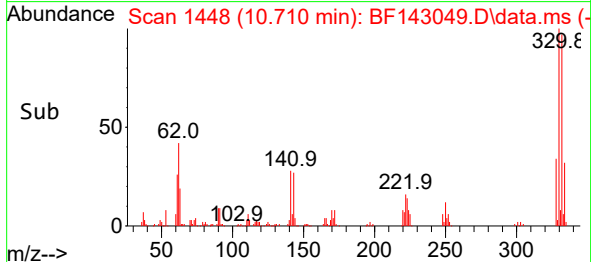
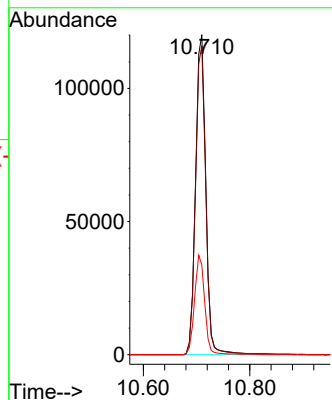
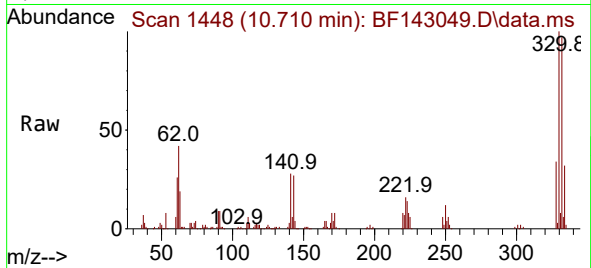




#42
2,4,6-Tribromophenol
Concen: 131.971 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143049.D
Acq: 09 Jul 2025 11:23

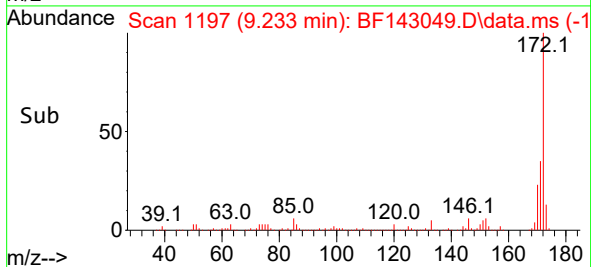
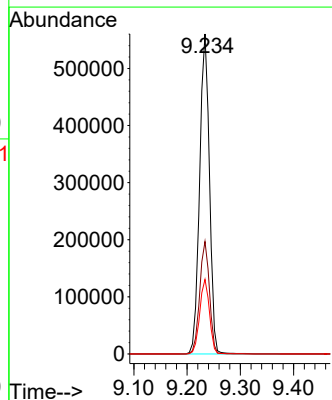
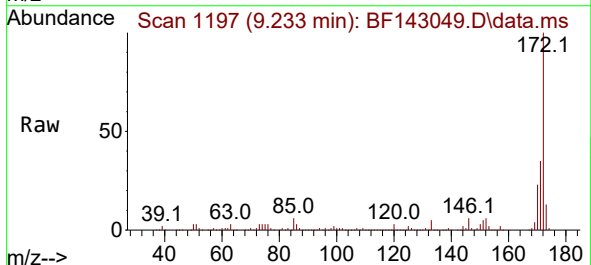
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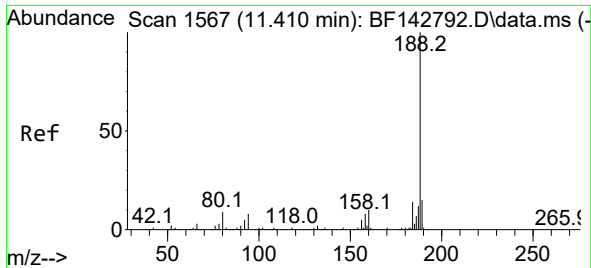
Tgt Ion:330 Resp: 161220
Ion Ratio Lower Upper
330 100
332 96.7 75.0 112.6
141 31.0 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.540 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF143049.D
Acq: 09 Jul 2025 11:23

Tgt Ion:172 Resp: 718776
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.5 27.7

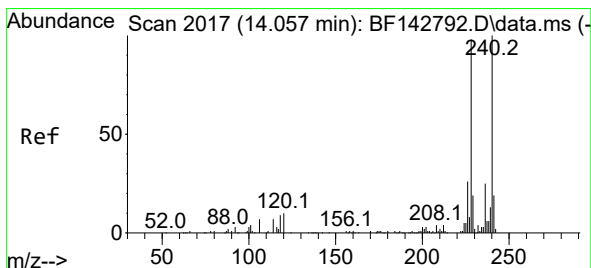
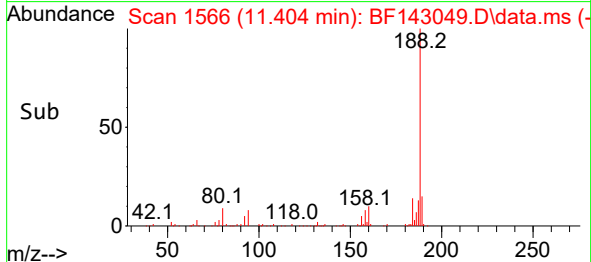
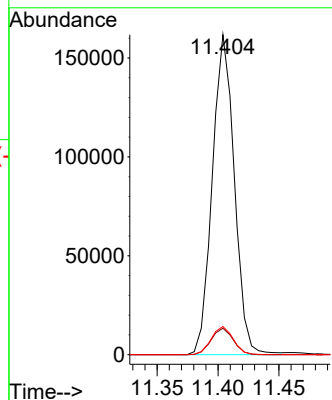
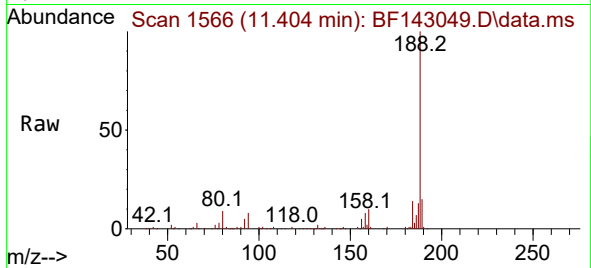




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143049.D
Acq: 09 Jul 2025 11:23

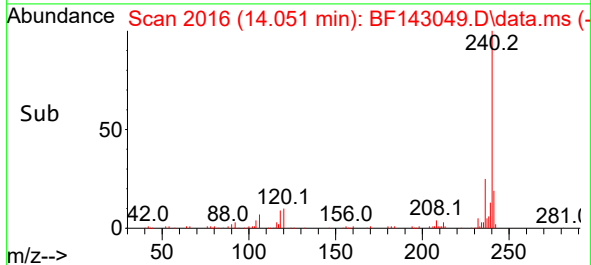
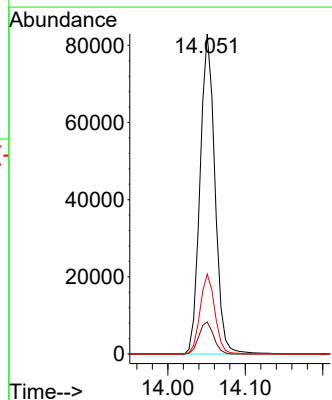
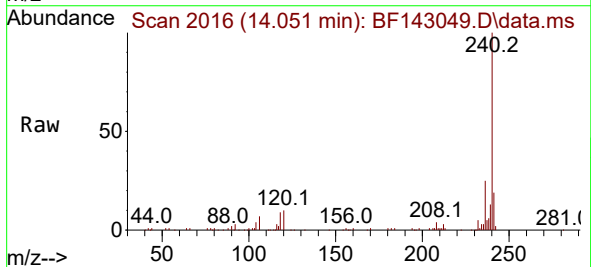
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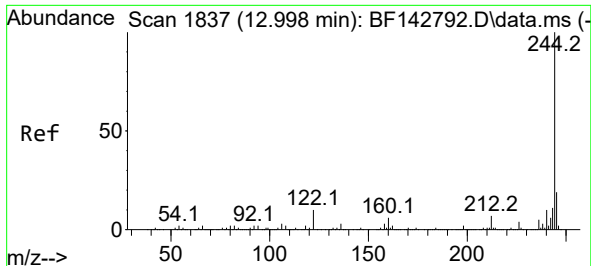
Tgt Ion:188 Resp: 203771
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143049.D
Acq: 09 Jul 2025 11:23

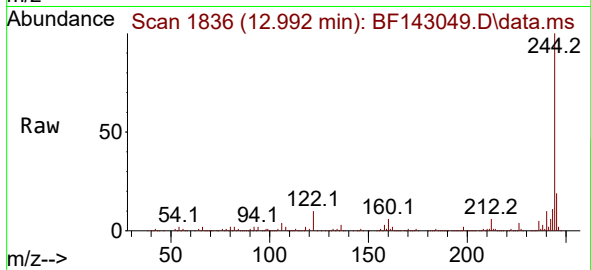
Tgt Ion:240 Resp: 110413
Ion Ratio Lower Upper
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120 10.0 8.2 12.2
236 25.0 19.8 29.8



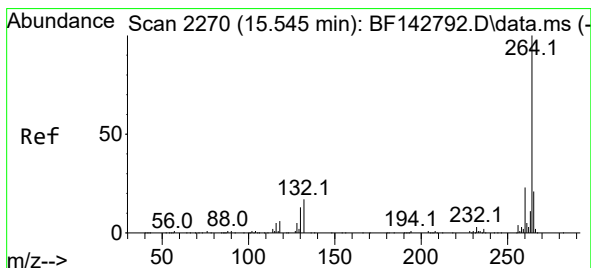
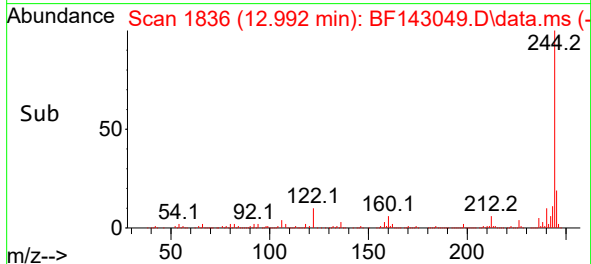
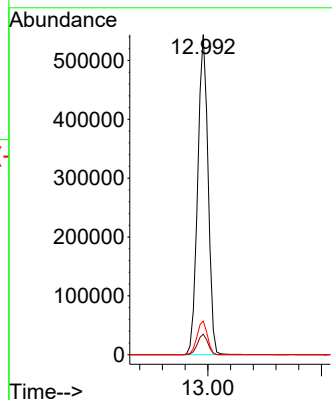


#79
Terphenyl-d14
Concen: 86.605 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF143049.D
Acq: 09 Jul 2025 11:23

Instrument :
BNA_F
ClientSampleId :
PB168737BL



Tgt Ion:244 Resp: 692069
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 10.5 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: BF143049.D
Acq: 09 Jul 2025 11:23

Tgt Ion:264 Resp: 115591
Ion Ratio Lower Upper
264 100
260 22.7 18.1 27.1
265 21.0 16.6 25.0

