

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143026.D
 Acq On : 08 Jul 2025 11:24
 Operator : RC/JU
 Sample : PB168716BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168716BL

Quant Time: Jul 08 11:46:17 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	62899	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	246391	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135369	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	247916	20.000	ng	0.00
76) Chrysene-d12	14.057	240	134036	20.000	ng	0.00
86) Perylene-d12	15.556	264	119715	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	485787	128.587	ng	0.01
7) Phenol-d6	6.510	99	576634	129.372	ng	0.00
23) Nitrobenzene-d5	7.439	82	358579	79.826	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	189880	136.306	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	810317	78.636	ng	-0.01
79) Terphenyl-d14	12.998	244	855453	88.184	ng	0.00

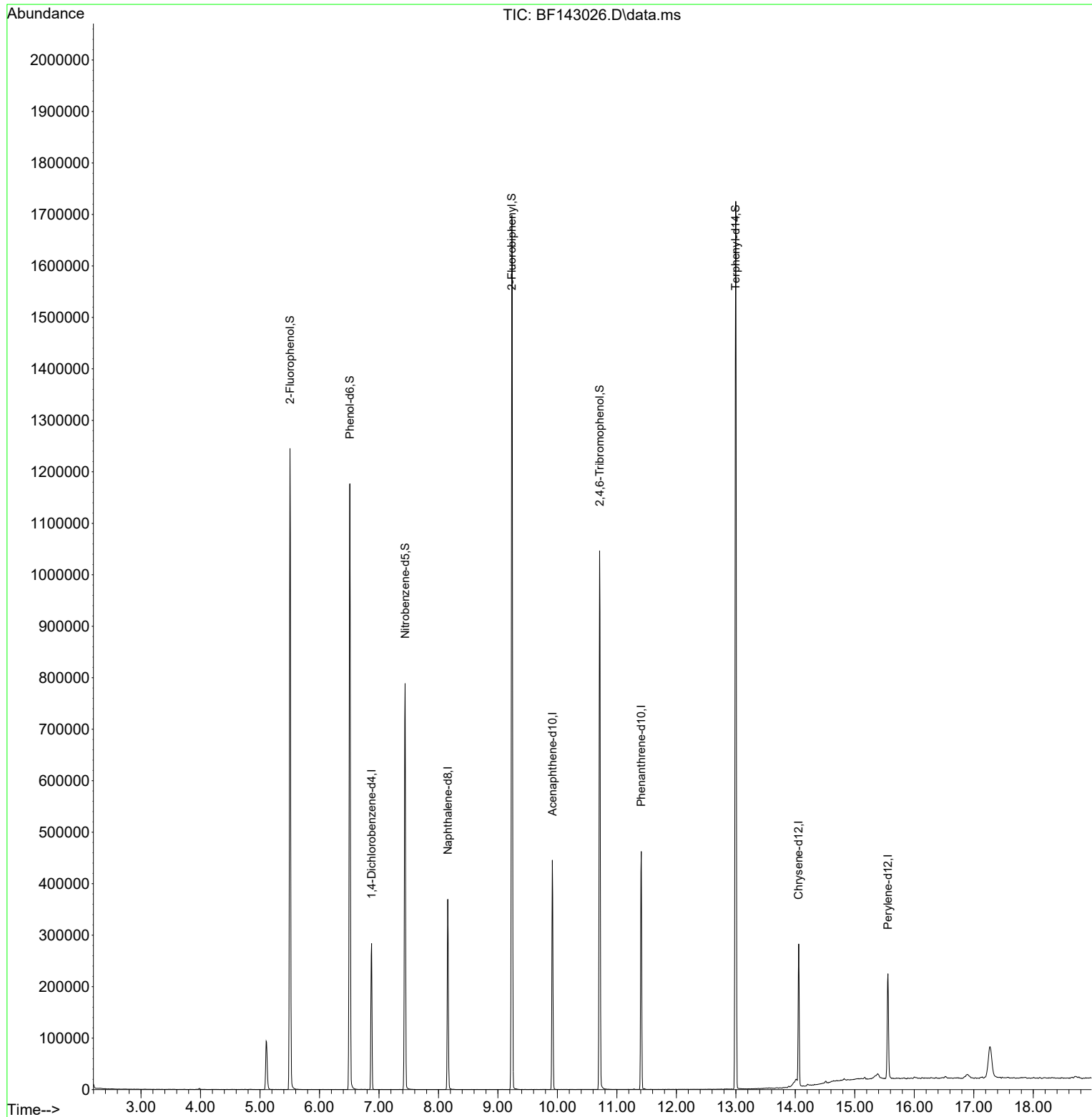
Target Compounds	Qvalue

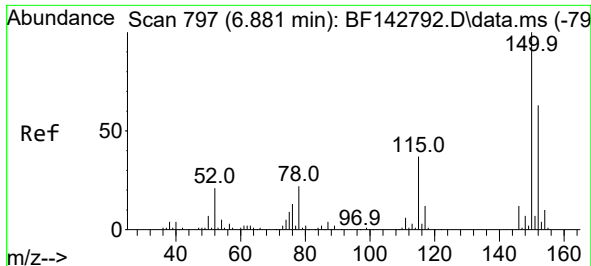
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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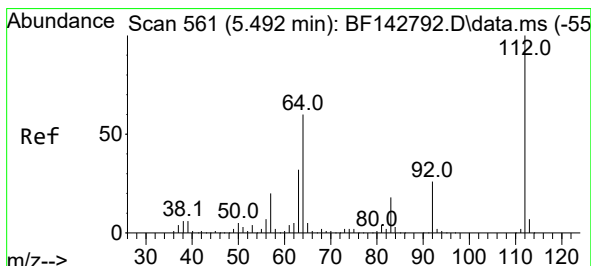
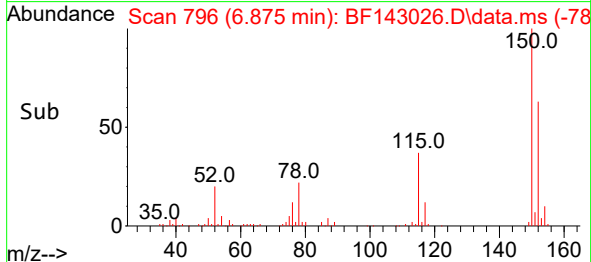
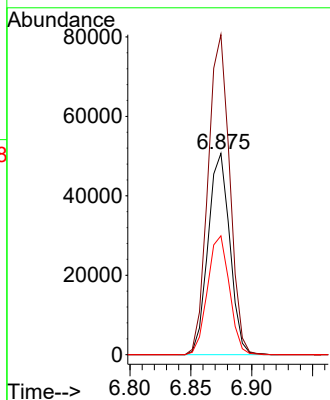
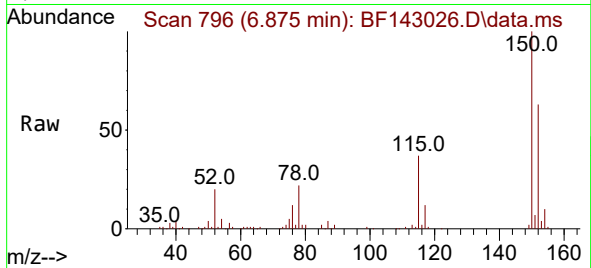




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

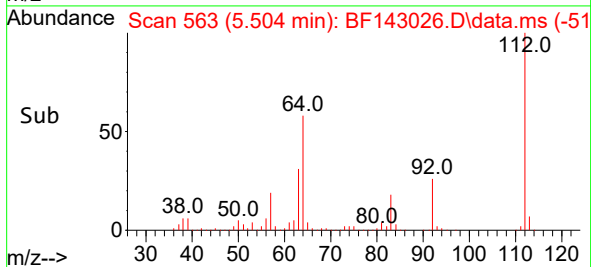
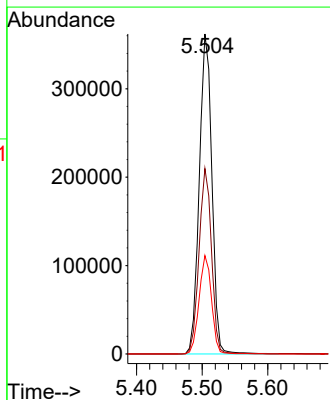
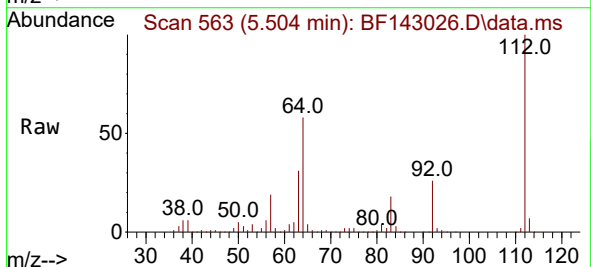
Instrument :
BNA_F
ClientSampleId :
PB168716BL

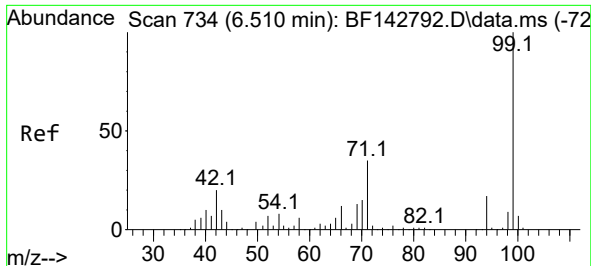
Tgt Ion:152 Resp: 62899
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 59.1 46.6 69.8



#5
2-Fluorophenol
Concen: 128.587 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

Tgt Ion:112 Resp: 485787
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.2
63 30.8 25.7 38.5

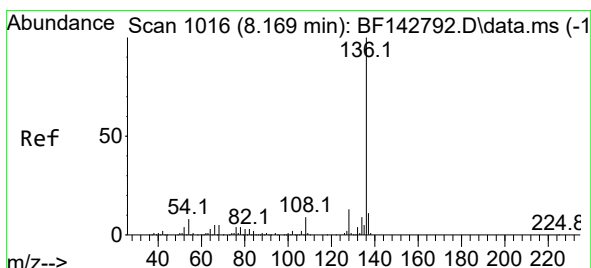
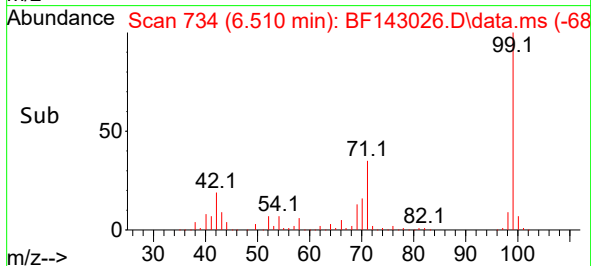
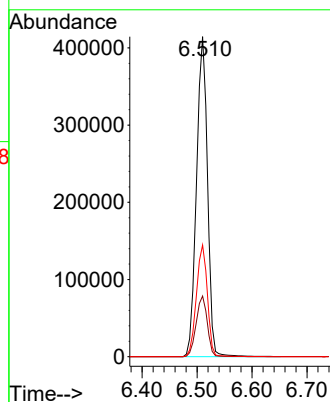
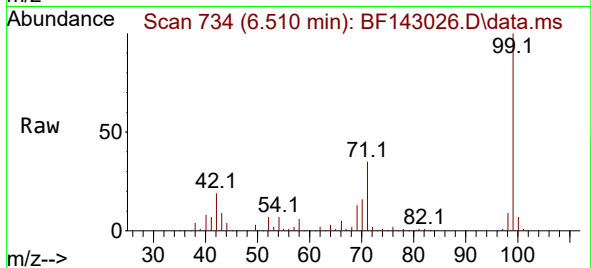




#7
Phenol-d6
Concen: 129.372 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

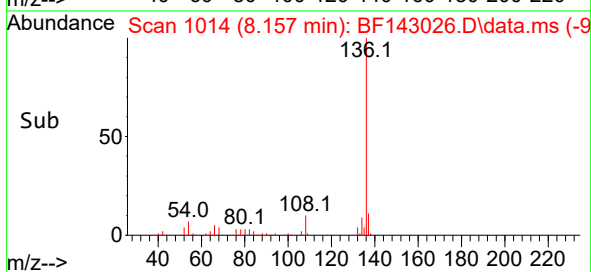
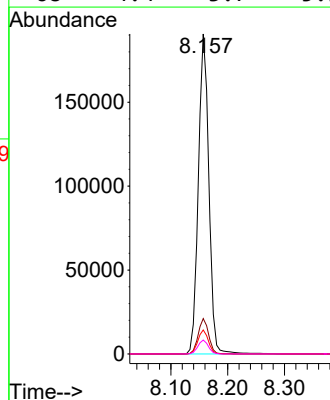
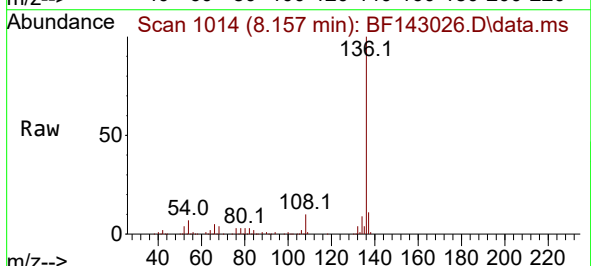
Instrument :
BNA_F
ClientSampleId :
PB168716BL

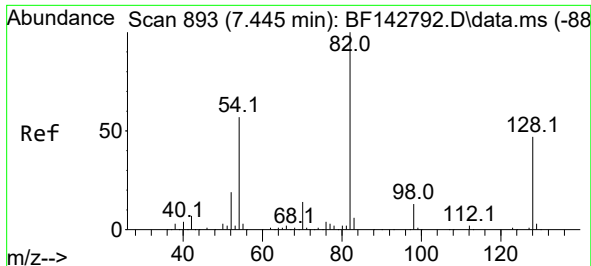
Tgt Ion: 99 Resp: 576634
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 34.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

Tgt Ion: 136 Resp: 246391
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.5 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 79.826 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143026.D

Acq: 08 Jul 2025 11:24

Instrument :

BNA_F

ClientSampleId :

PB168716BL

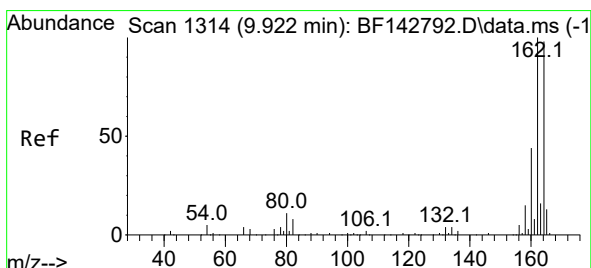
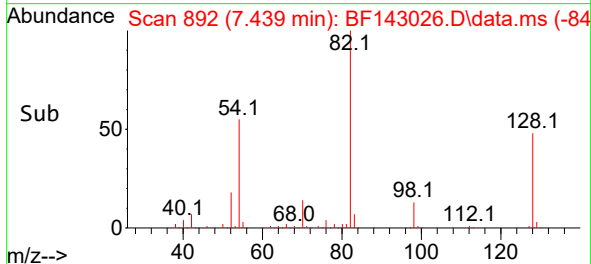
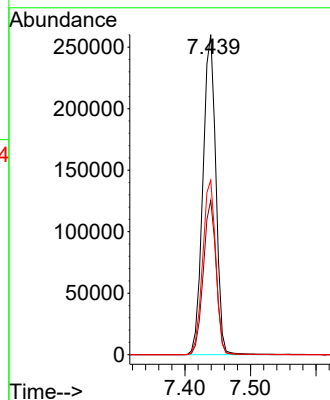
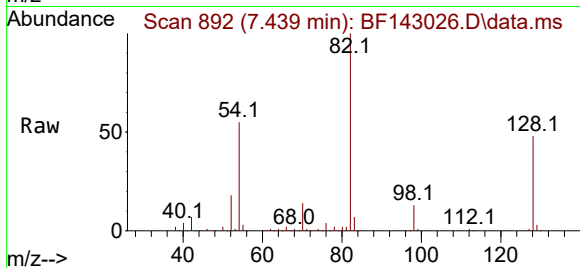
Tgt Ion: 82 Resp: 358579

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 54.5 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: BF143026.D

Acq: 08 Jul 2025 11:24

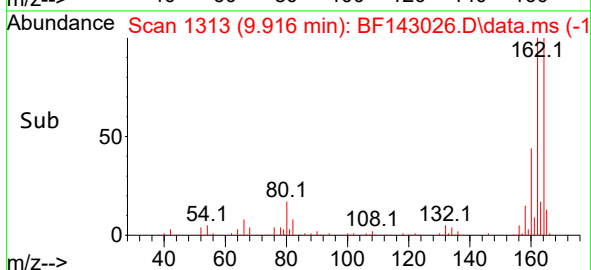
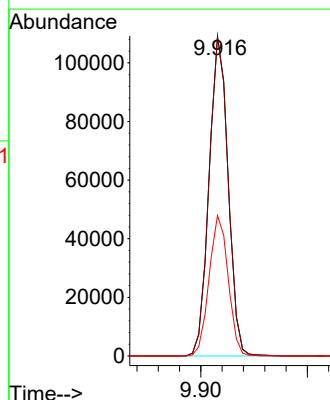
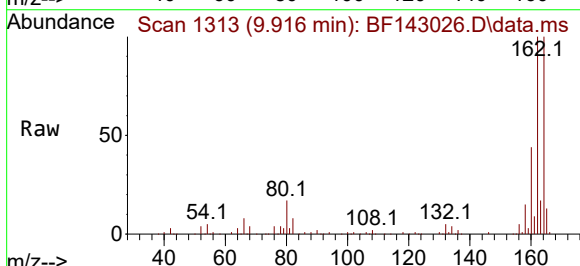
Tgt Ion:164 Resp: 135369

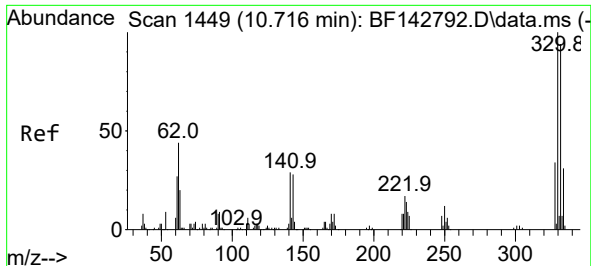
Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.8

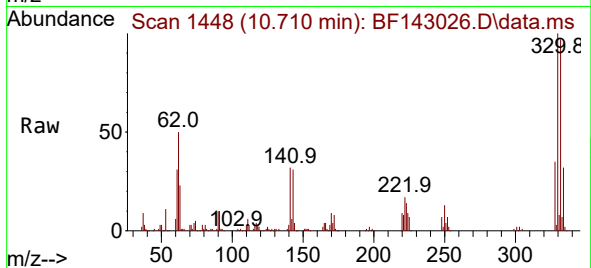
160 43.9 36.0 54.0



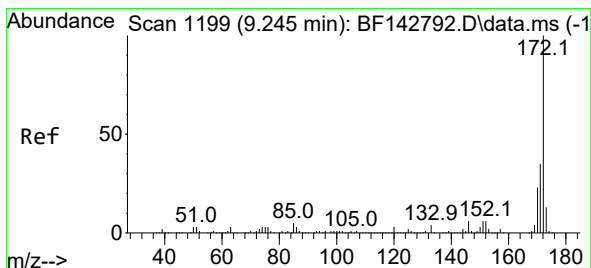
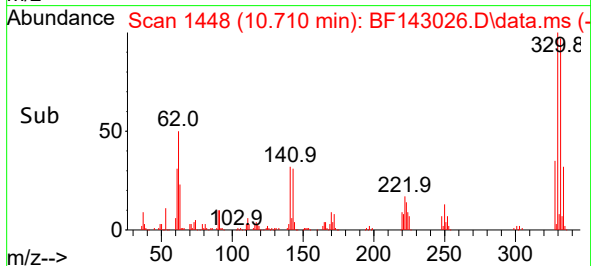
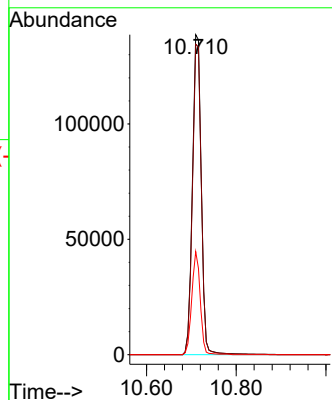


#42
2,4,6-Tribromophenol
Concen: 136.306 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

Instrument :
BNA_F
ClientSampleId :
PB168716BL

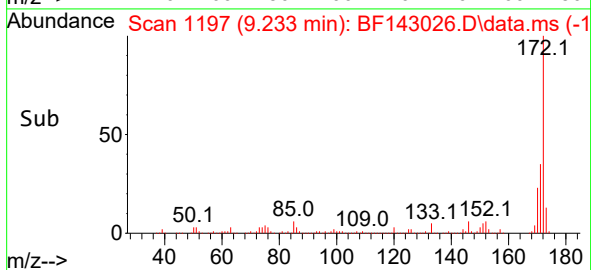
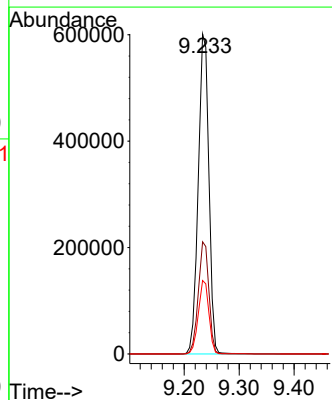
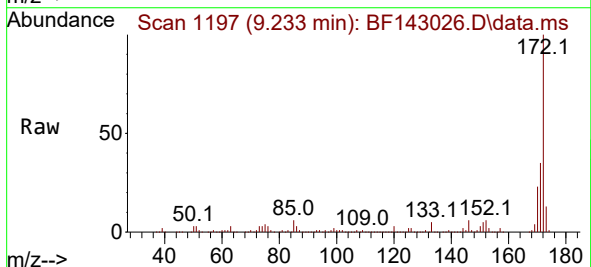


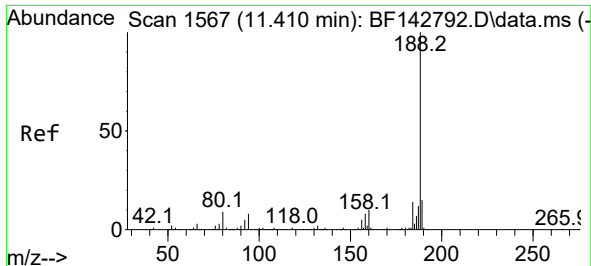
Tgt Ion:330 Resp: 189880
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.6
141 30.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 78.636 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

Tgt Ion:172 Resp: 810317
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.9 18.5 27.7

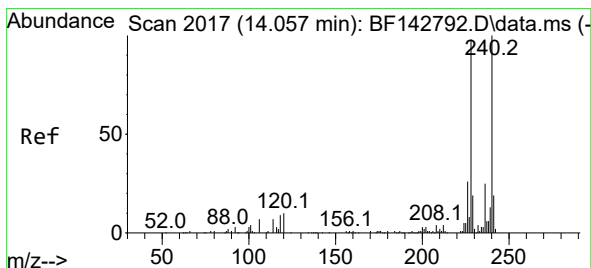
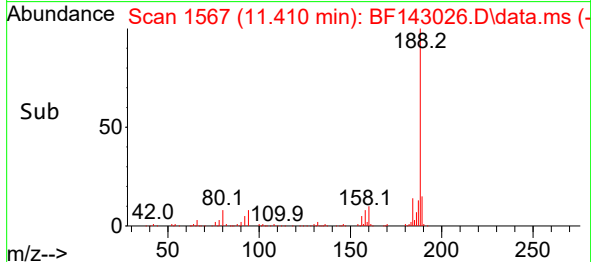
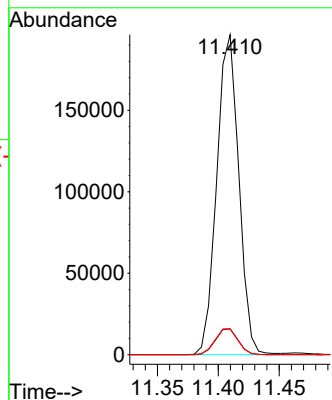
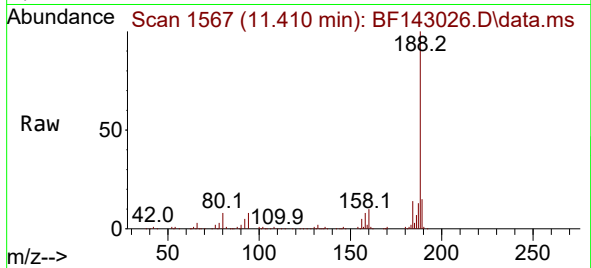




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

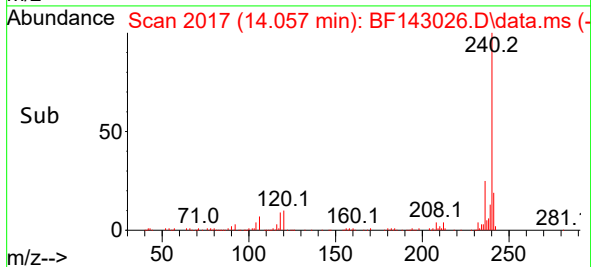
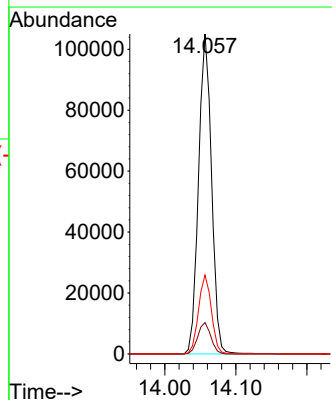
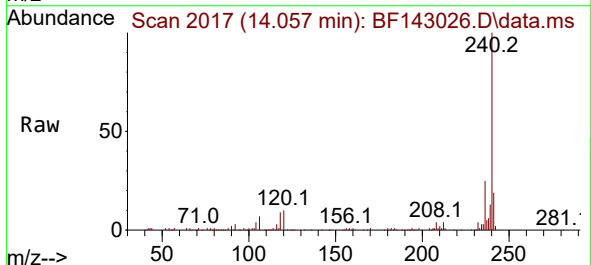
Instrument :
BNA_F
ClientSampleId :
PB168716BL

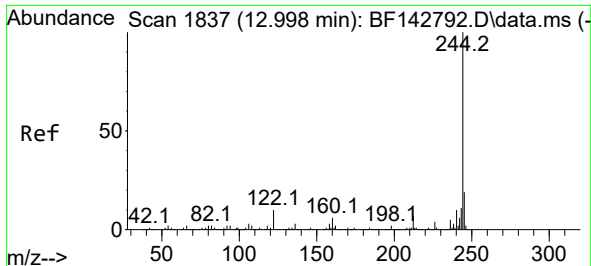
Tgt Ion:188 Resp: 247916
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BF143026.D
Acq: 08 Jul 2025 11:24

Tgt Ion:240 Resp: 134036
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.6 19.8 29.8

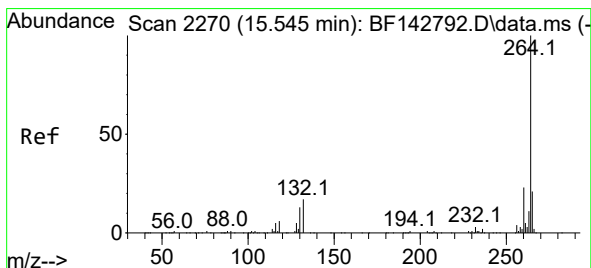
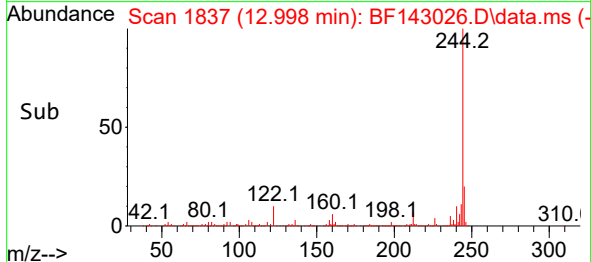
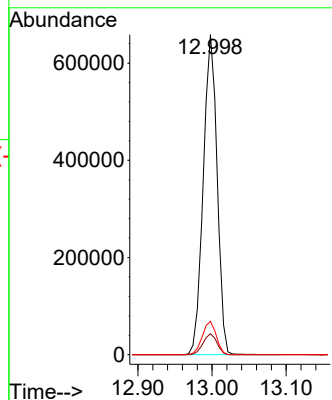
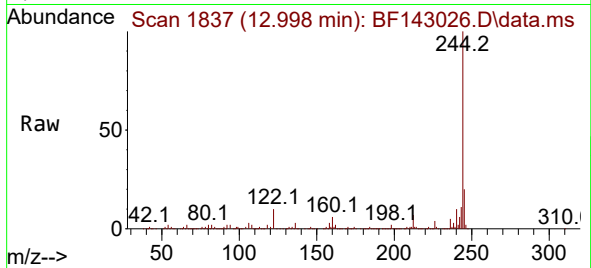




#79
 Terphenyl-d14
 Concen: 88.184 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143026.D
 Acq: 08 Jul 2025 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB168716BL

Tgt Ion:244 Resp: 855453
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF143026.D
 Acq: 08 Jul 2025 11:24

Tgt Ion:264 Resp: 119715
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.1 16.6 25.0

