

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
 Data File : BF143656.D
 Acq On : 05 Sep 2025 12:50
 Operator : RC/JU
 Sample : PB169526BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169526BL

Quant Time: Sep 05 13:23:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	65714	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	253288	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	144696	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	252185	20.000	ng	0.00
76) Chrysene-d12	14.045	240	180883	20.000	ng	0.00
86) Perylene-d12	15.521	264	145550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	533602	143.852	ng	0.01
7) Phenol-d6	6.504	99	644595	140.011	ng	0.00
23) Nitrobenzene-d5	7.445	82	406404	112.771	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	213840	176.729	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	909827	100.458	ng	0.00
79) Terphenyl-d14	12.998	244	1039509	95.756	ng	0.00

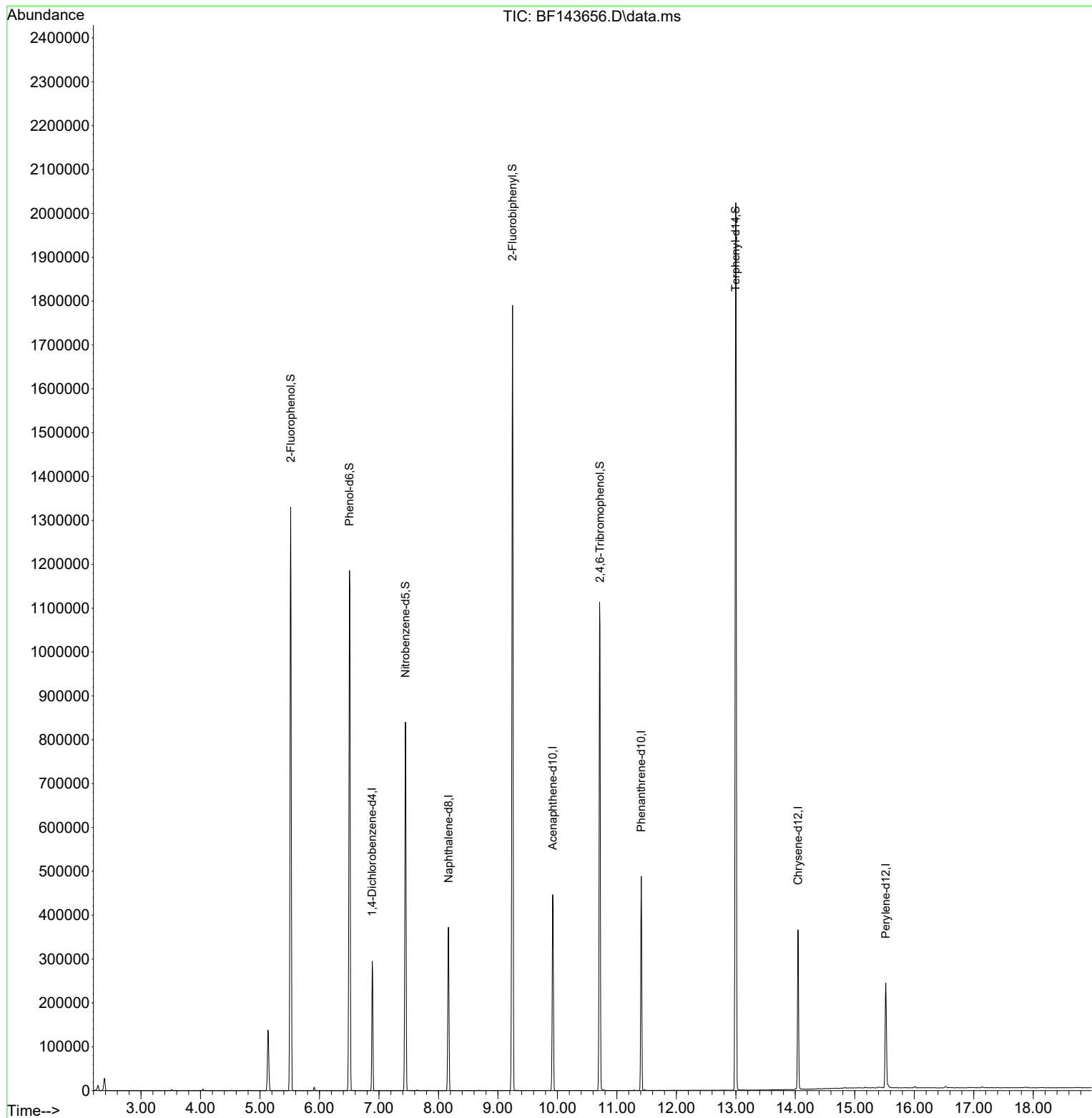
Target Compounds	Qvalue

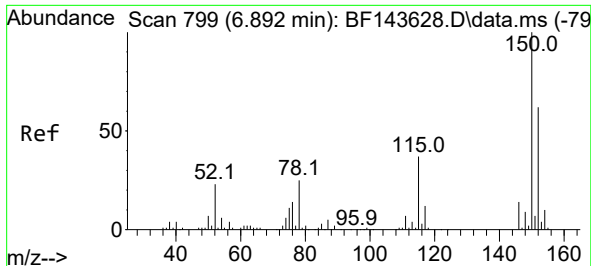
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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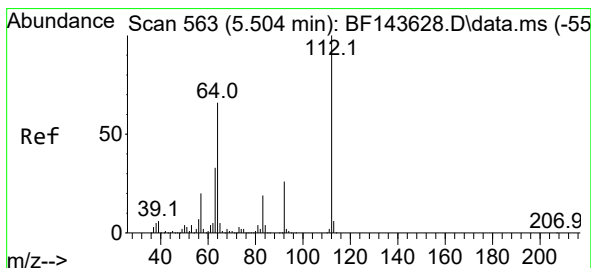
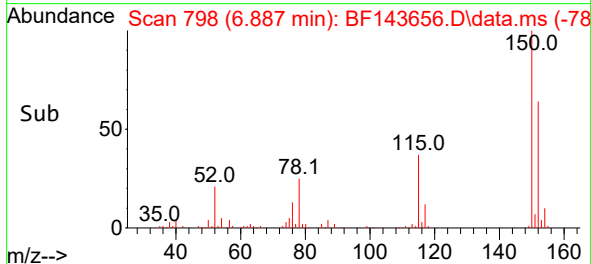
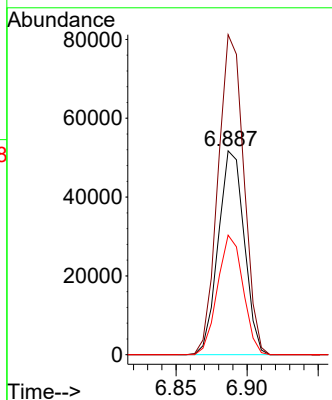
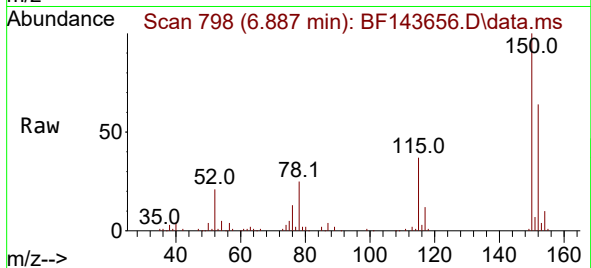




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF143656.D
Acq: 05 Sep 2025 12:50

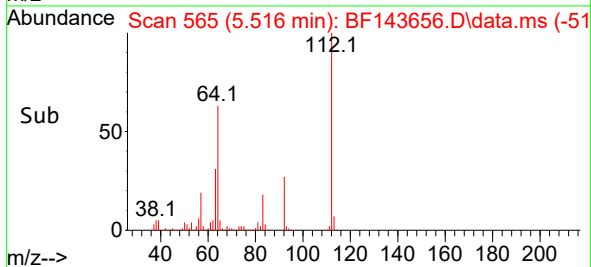
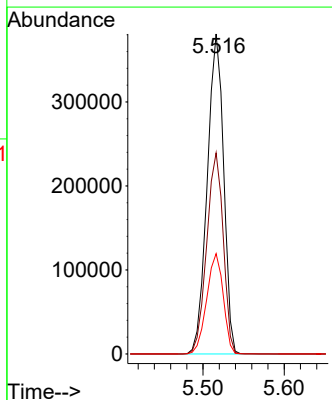
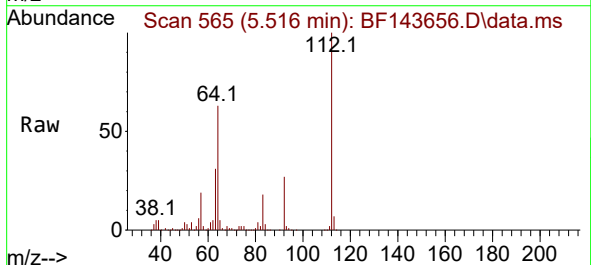
Instrument :
BNA_F
ClientSampleId :
PB169526BL

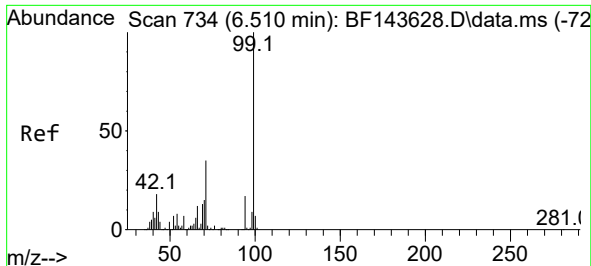
Tgt Ion:152 Resp: 65714
Ion Ratio Lower Upper
152 100
150 157.0 128.4 192.6
115 58.7 47.9 71.9



#5
2-Fluorophenol
Concen: 143.852 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143656.D
Acq: 05 Sep 2025 12:50

Tgt Ion:112 Resp: 533602
Ion Ratio Lower Upper
112 100
64 62.8 52.7 79.1
63 31.3 26.5 39.7

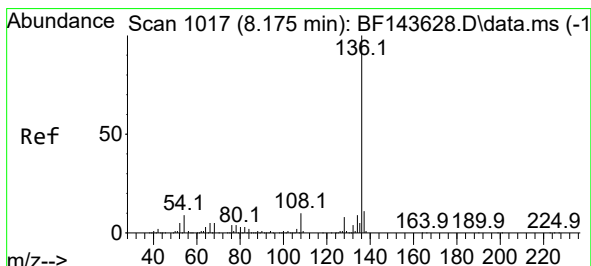
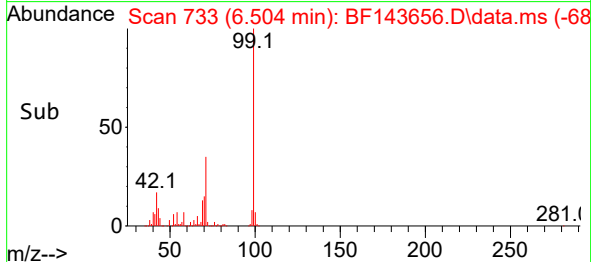
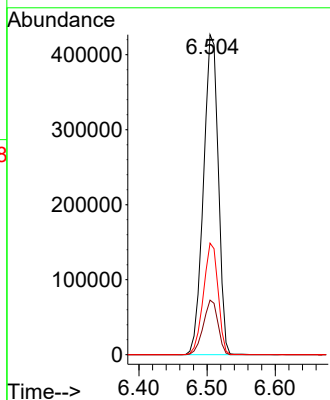
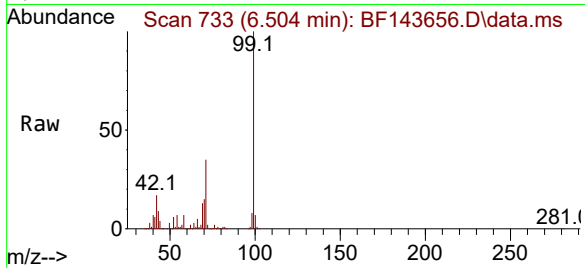




#7
Phenol-d6
Concen: 140.011 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143656.D
Acq: 05 Sep 2025 12:50

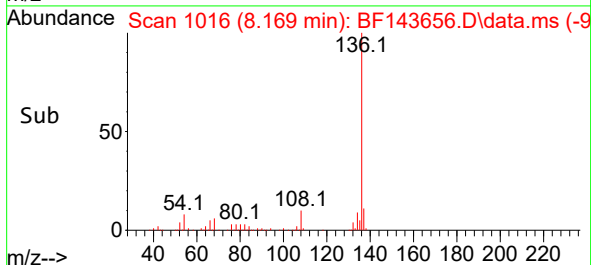
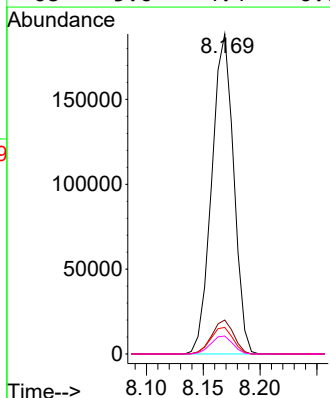
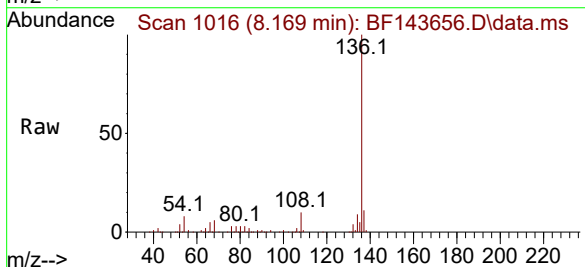
Instrument :
BNA_F
ClientSampleId :
PB169526BL

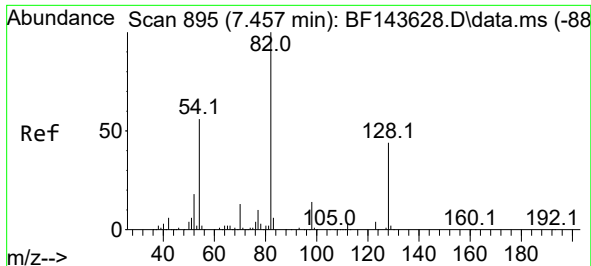
Tgt Ion: 99 Resp: 644595
Ion Ratio Lower Upper
99 100
42 17.0 14.6 22.0
71 34.9 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143656.D
Acq: 05 Sep 2025 12:50

Tgt Ion: 136 Resp: 253288
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.3 7.3 10.9
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 112.771 ng

RT: 7.445 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF143656.D

Acq: 05 Sep 2025 12:50

Instrument :

BNA_F

ClientSampleId :

PB169526BL

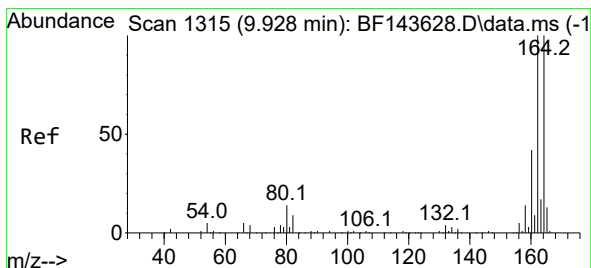
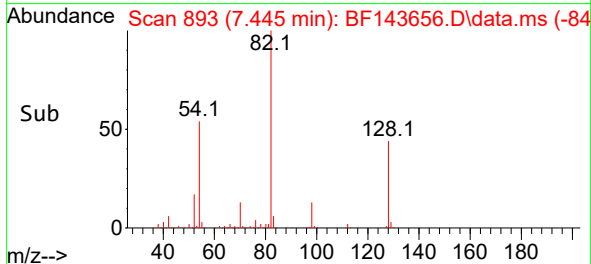
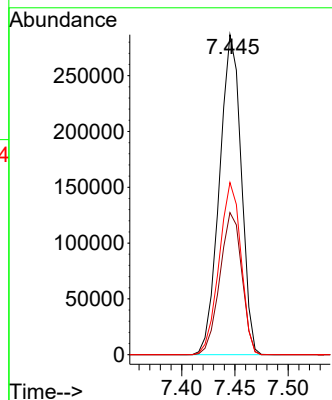
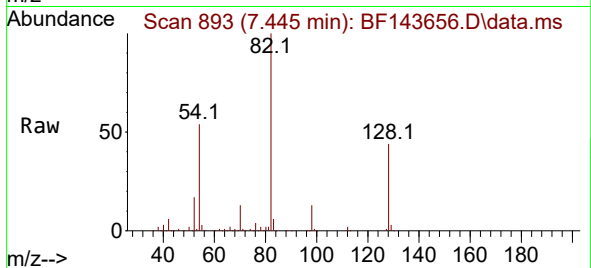
Tgt Ion: 82 Resp: 406404

Ion Ratio Lower Upper

82 100

128 44.4 34.7 52.1

54 53.8 44.8 67.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143656.D

Acq: 05 Sep 2025 12:50

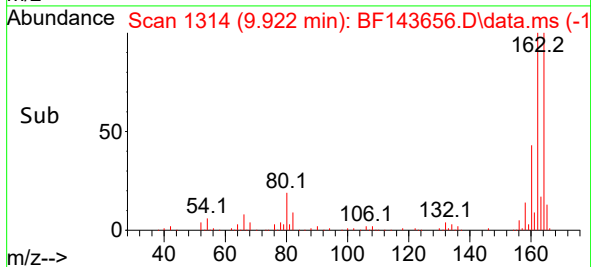
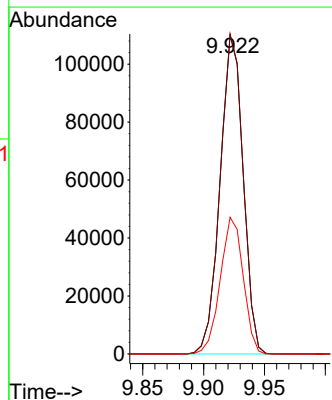
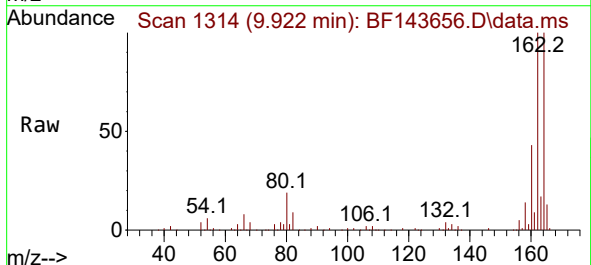
Tgt Ion:164 Resp: 144696

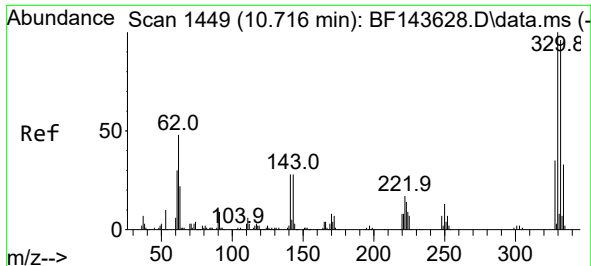
Ion Ratio Lower Upper

164 100

162 100.4 80.3 120.5

160 42.9 34.0 51.0

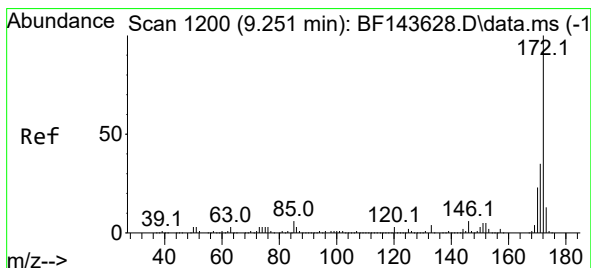
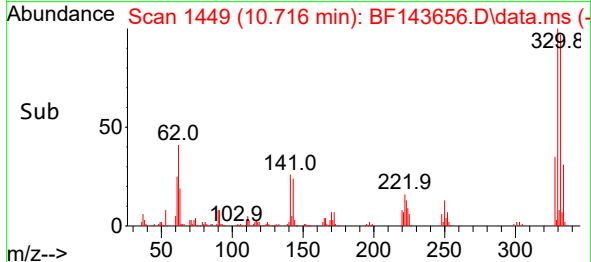
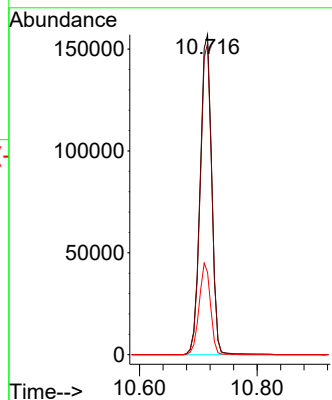
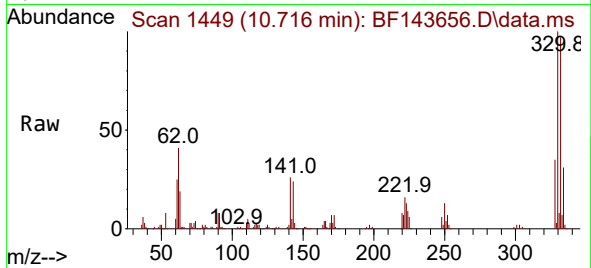




#42
2,4,6-Tribromophenol
Concen: 176.729 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143656.D
Acq: 05 Sep 2025 12:50

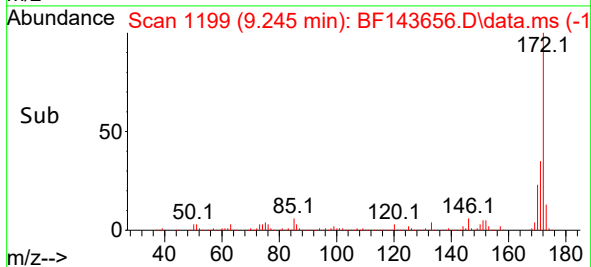
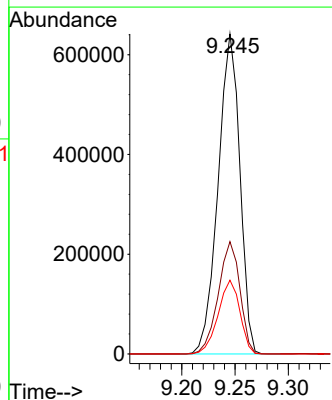
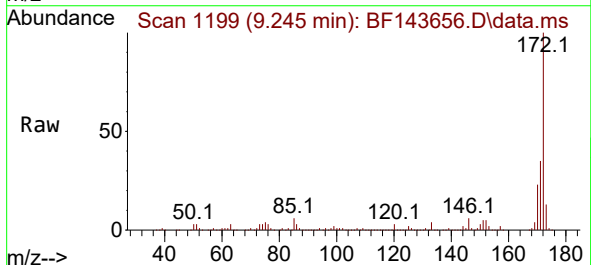
Instrument :
BNA_F
ClientSampleId :
PB169526BL

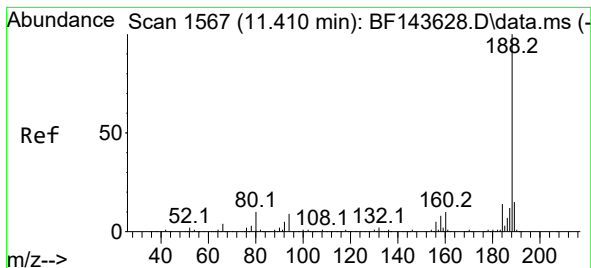
Tgt Ion:330 Resp: 213840
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 27.9 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 100.458 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143656.D
Acq: 05 Sep 2025 12:50

Tgt Ion:172 Resp: 909827
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143656.D

Acq: 05 Sep 2025 12:50

Instrument :

BNA_F

ClientSampleId :

PB169526BL

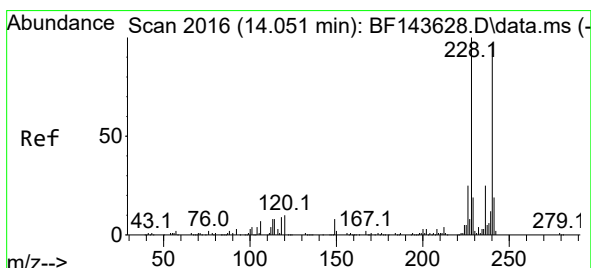
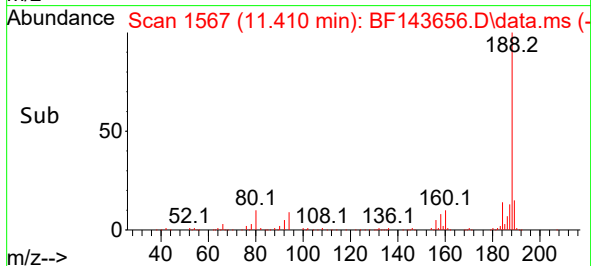
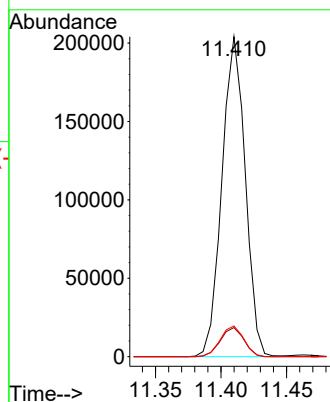
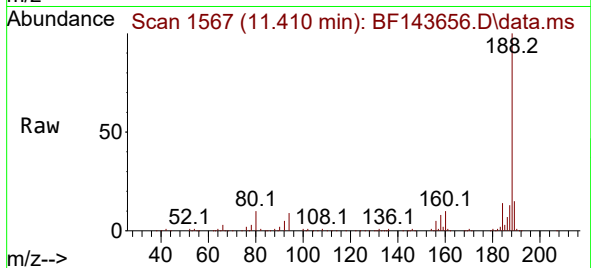
Tgt Ion:188 Resp: 252185

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.6 8.4 12.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF143656.D

Acq: 05 Sep 2025 12:50

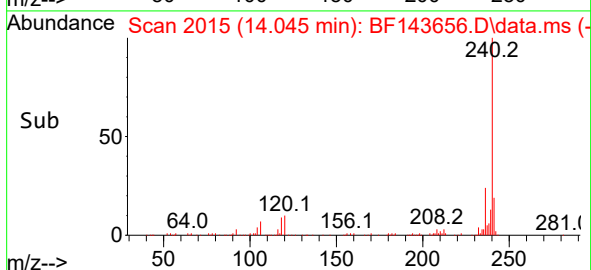
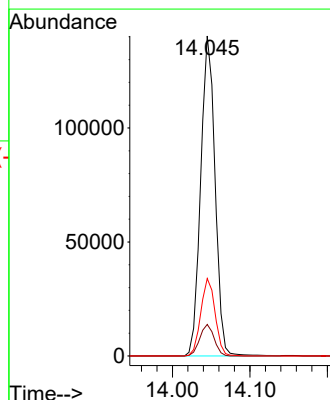
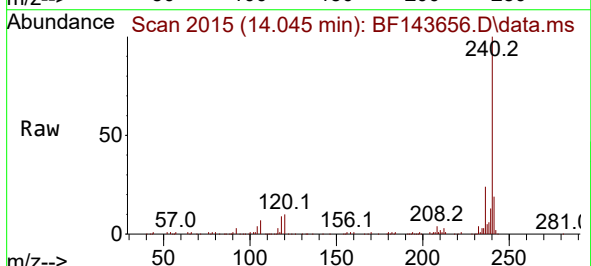
Tgt Ion:240 Resp: 180883

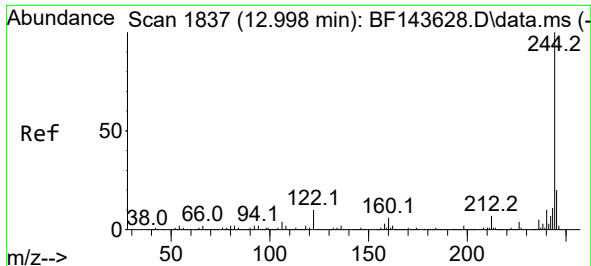
Ion Ratio Lower Upper

240 100

120 9.9 8.0 12.0

236 24.2 20.5 30.7

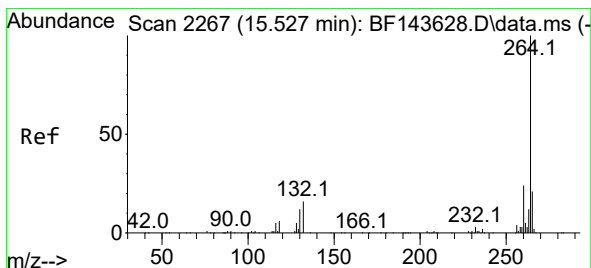
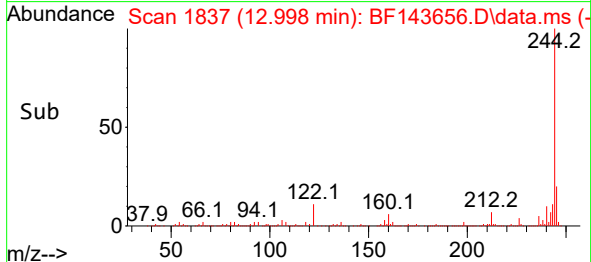
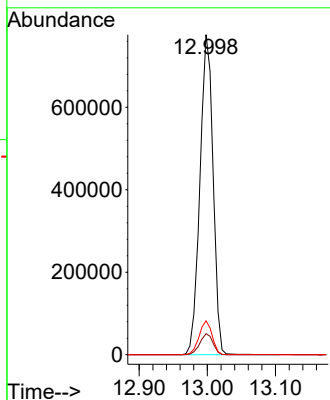
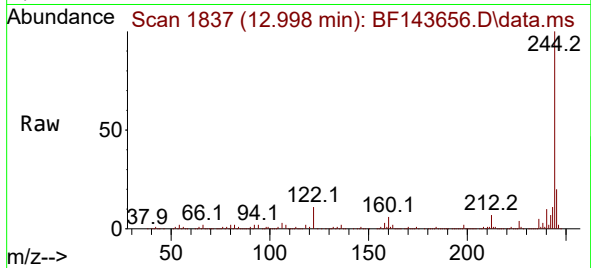




#79
 Terphenyl-d14
 Concen: 95.756 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143656.D
 Acq: 05 Sep 2025 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB169526BL

Tgt Ion:244 Resp: 1039509
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF143656.D
 Acq: 05 Sep 2025 12:50

Tgt Ion:264 Resp: 145550
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.3 17.1 25.7

