

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143647.D
 Acq On : 04 Sep 2025 16:41
 Operator : RC/JU
 Sample : PB169499BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Quant Time: Sep 04 17:19:54 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	67677	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	261978	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	152072	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	255126	20.000	ng	0.00
76) Chrysene-d12	14.045	240	161439	20.000	ng	0.00
86) Perylene-d12	15.521	264	144591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	551128	144.267	ng	0.01
7) Phenol-d6	6.504	99	668822	141.059	ng	0.00
23) Nitrobenzene-d5	7.445	82	427732	114.752	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	211674	166.454	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	932653	97.984	ng	0.00
79) Terphenyl-d14	12.998	244	990910	102.273	ng	0.00

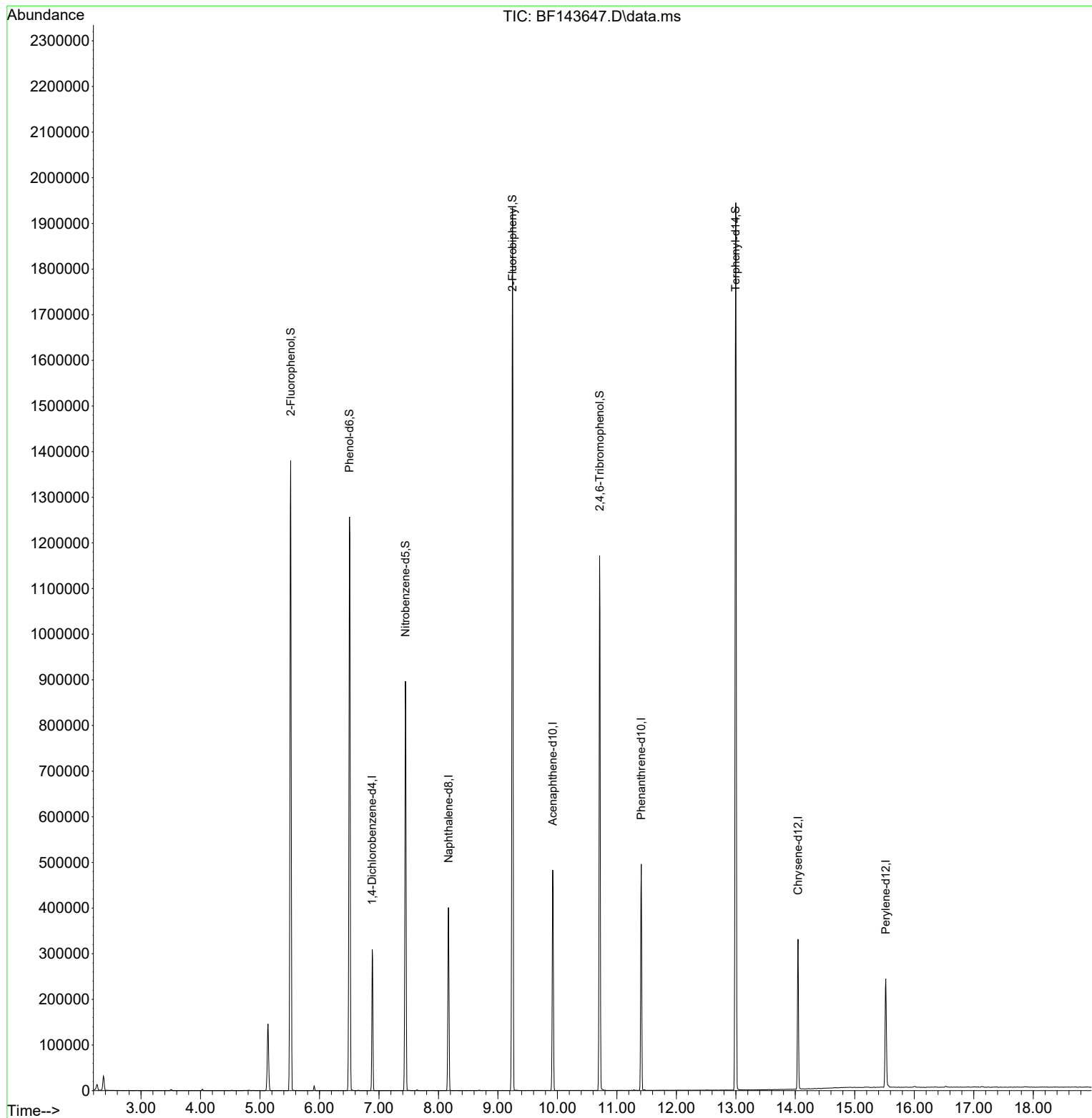
Target Compounds	Qvalue

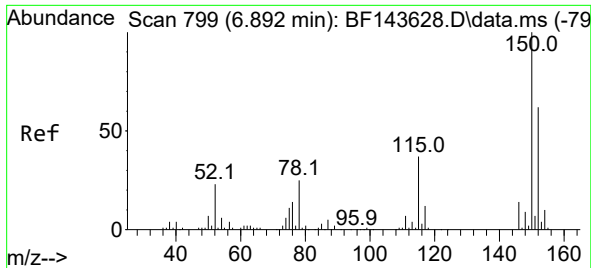
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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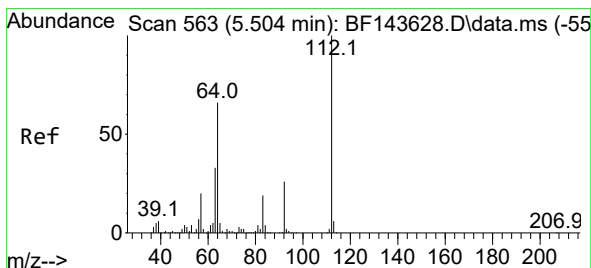
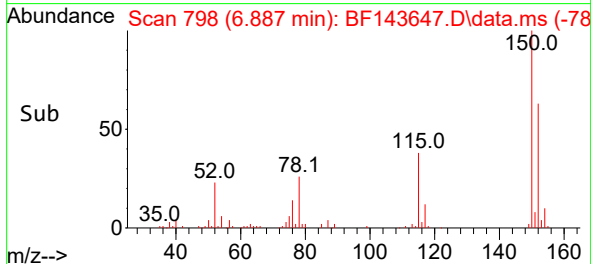
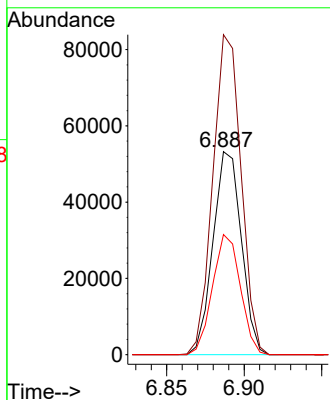
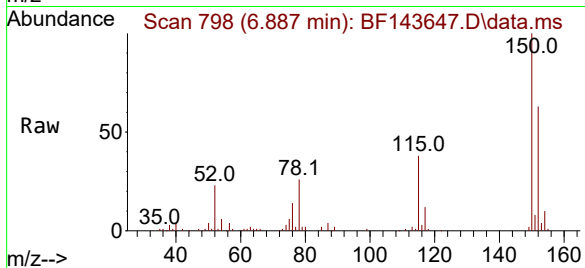




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 799
 Delta R.T. -0.005 min
 Lab File: BF143647.D
 Acq: 04 Sep 2025 16:41

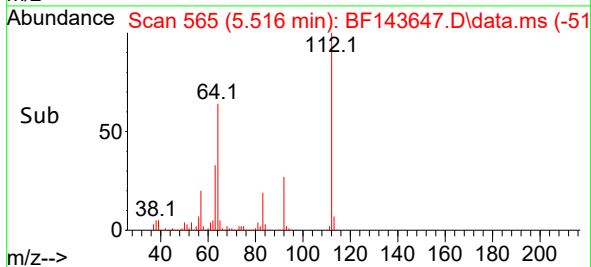
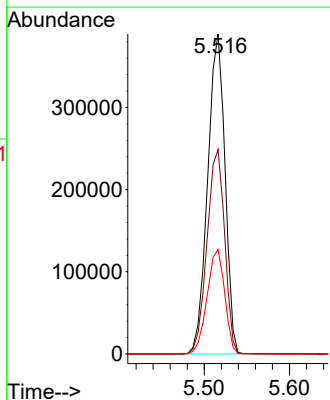
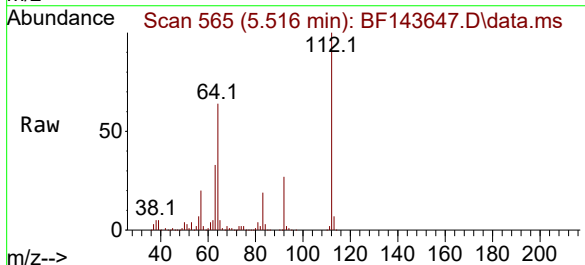
Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

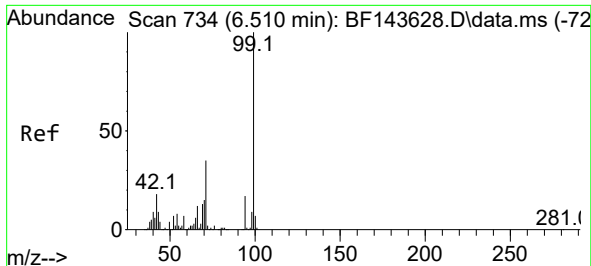
Tgt Ion:152 Resp: 67677
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.4 192.6
 115 59.2 47.9 71.9



#5
 2-Fluorophenol
 Concen: 144.267 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF143647.D
 Acq: 04 Sep 2025 16:41

Tgt Ion:112 Resp: 551128
 Ion Ratio Lower Upper
 112 100
 64 63.9 52.7 79.1
 63 32.7 26.5 39.7

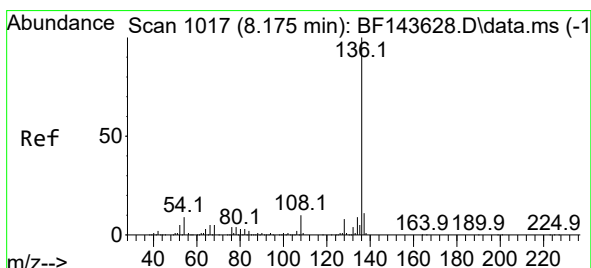
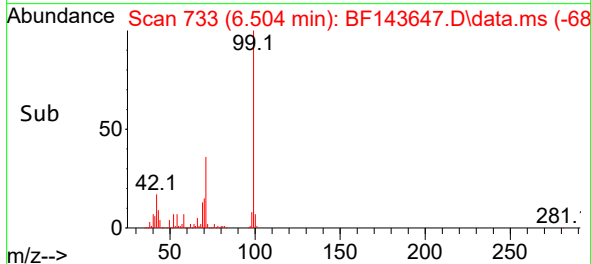
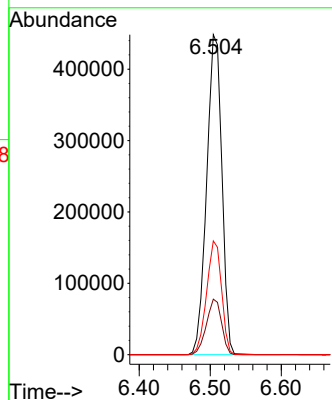
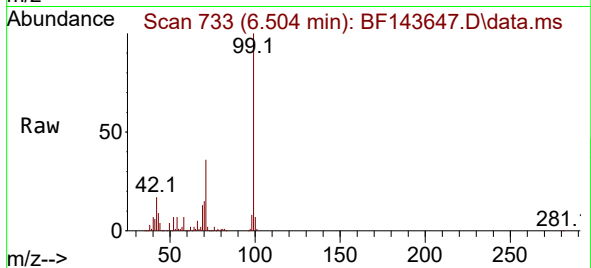




#7
Phenol-d6
Concen: 141.059 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143647.D
Acq: 04 Sep 2025 16:41

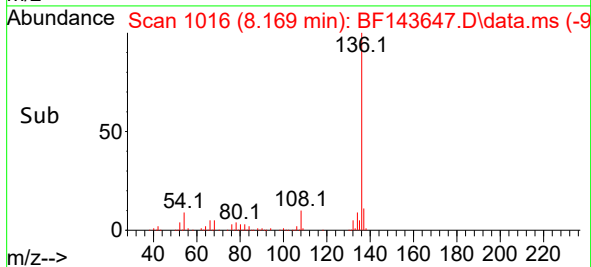
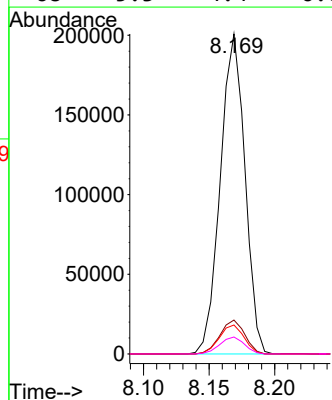
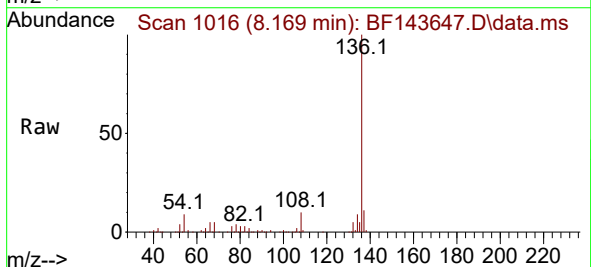
Instrument :
BNA_F
ClientSampleId :
PB169499BL

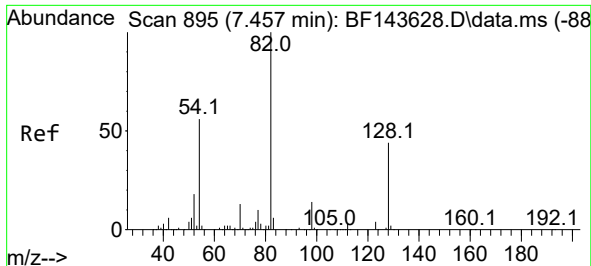
Tgt Ion: 99 Resp: 668822
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 35.5 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143647.D
Acq: 04 Sep 2025 16:41

Tgt Ion: 136 Resp: 261978
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.0 7.3 10.9
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 114.752 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143647.D

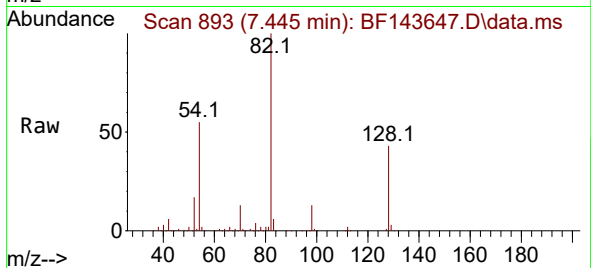
Acq: 04 Sep 2025 16:41

Instrument :

BNA_F

ClientSampleId :

PB169499BL



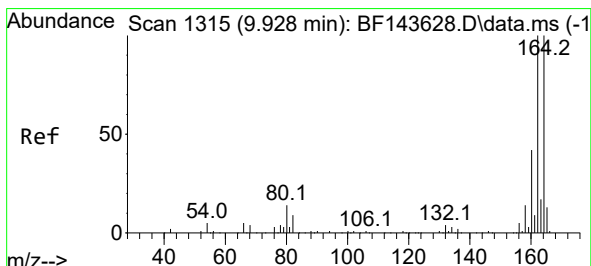
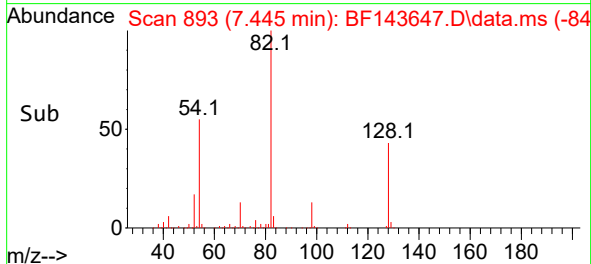
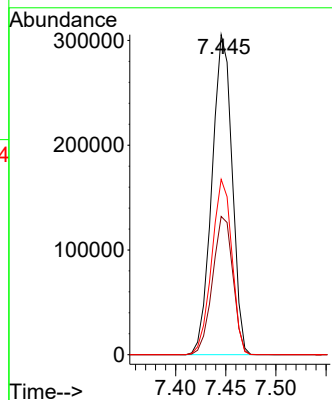
Tgt Ion: 82 Resp: 427732

Ion Ratio Lower Upper

82 100

128 43.2 34.7 52.1

54 54.8 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: BF143647.D

Acq: 04 Sep 2025 16:41

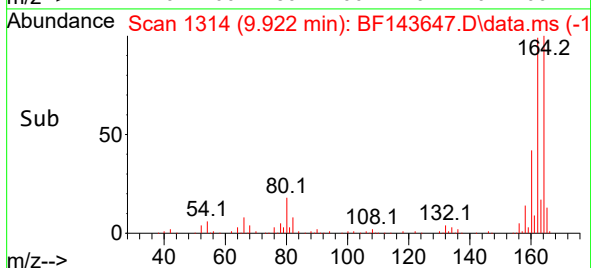
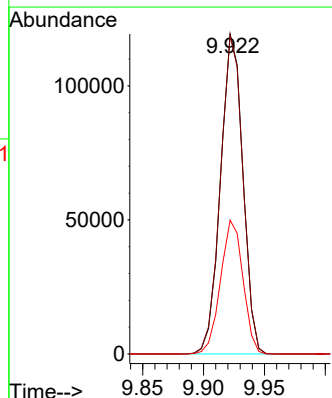
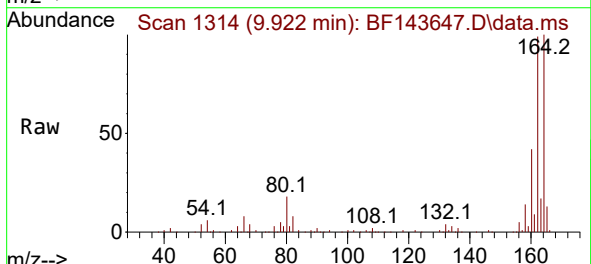
Tgt Ion:164 Resp: 152072

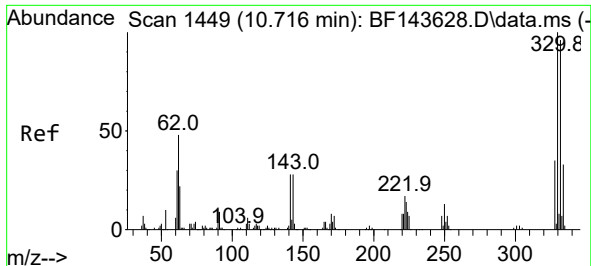
Ion Ratio Lower Upper

164 100

162 99.5 80.3 120.5

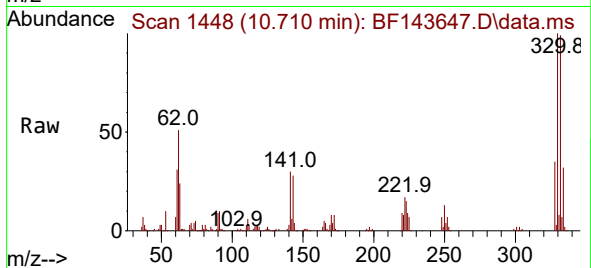
160 41.8 34.0 51.0



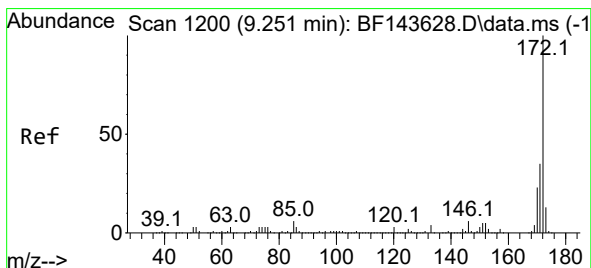
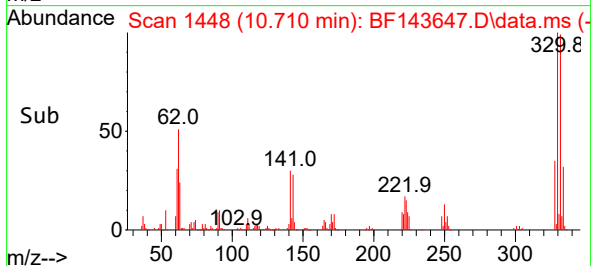
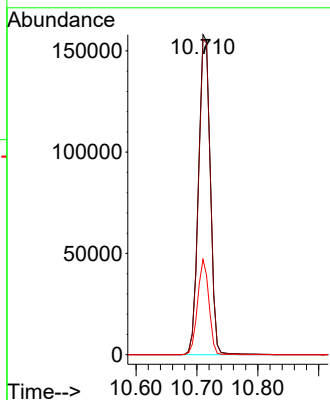


#42
2,4,6-Tribromophenol
Concen: 166.454 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143647.D
Acq: 04 Sep 2025 16:41

Instrument :
BNA_F
ClientSampleId :
PB169499BL

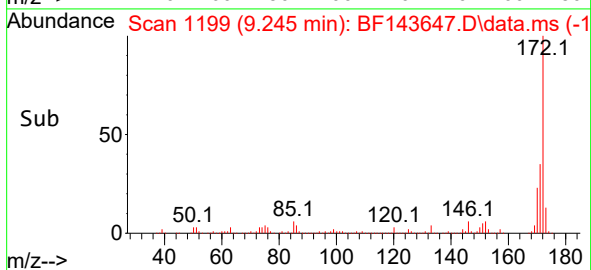
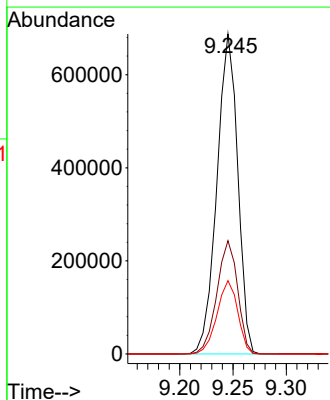
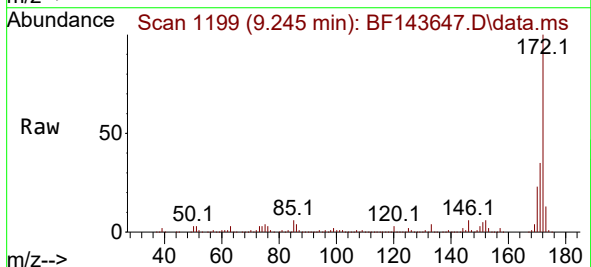


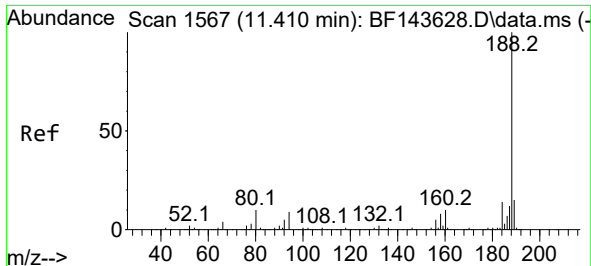
Tgt Ion: 330 Resp: 211674
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.6
141 28.5 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 97.984 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143647.D
Acq: 04 Sep 2025 16:41

Tgt Ion: 172 Resp: 932653
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 22.9 18.6 28.0

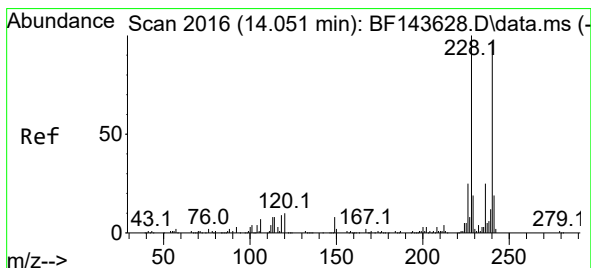
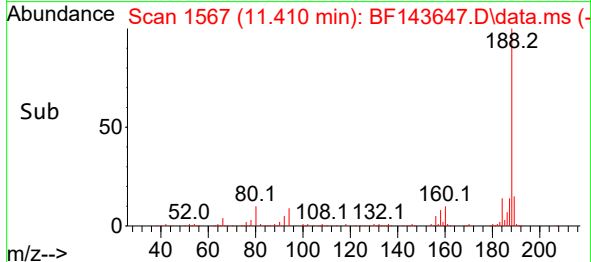
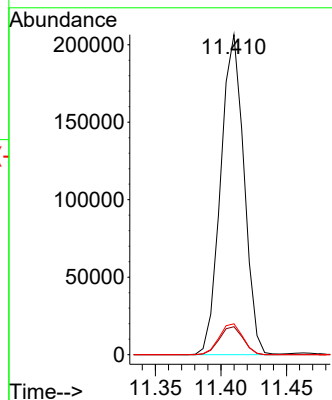
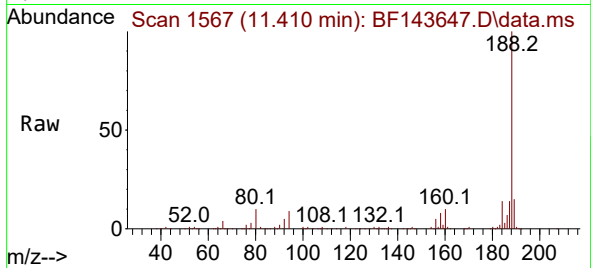




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143647.D
Acq: 04 Sep 2025 16:41

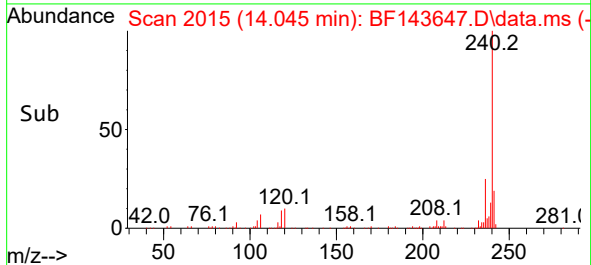
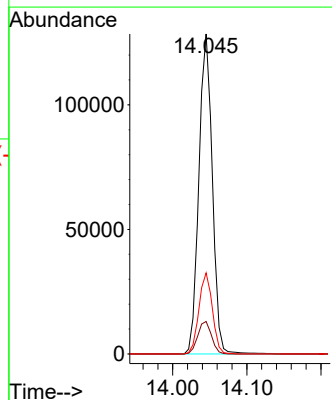
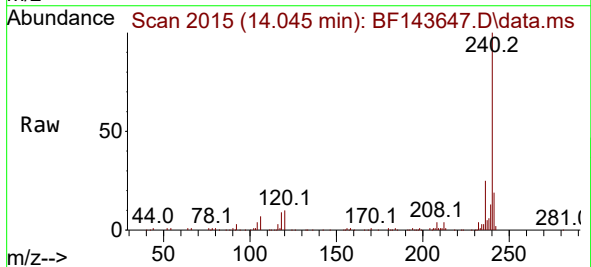
Instrument :
BNA_F
ClientSampleId :
PB169499BL

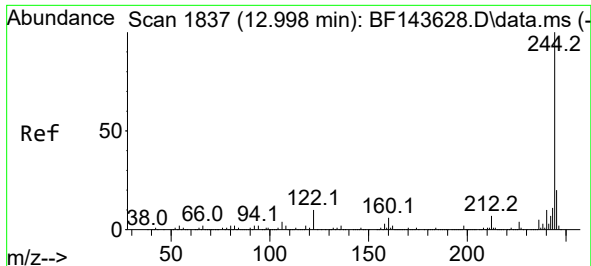
Tgt Ion:188 Resp: 255126
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.7 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143647.D
Acq: 04 Sep 2025 16:41

Tgt Ion:240 Resp: 161439
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.4 20.5 30.7

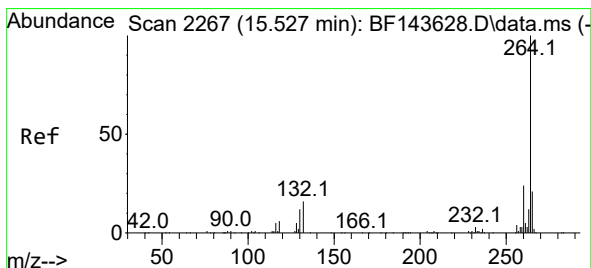
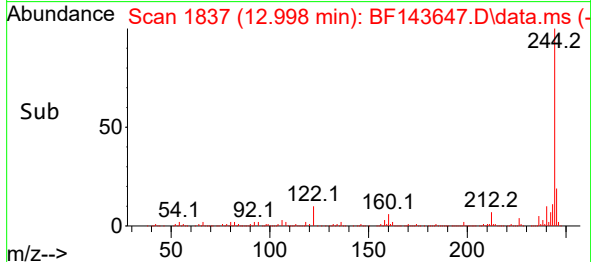
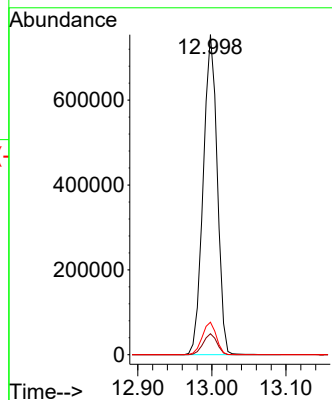
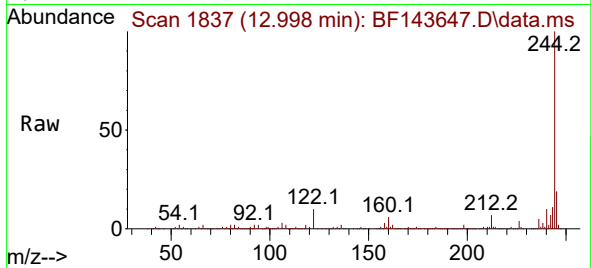




#79
 Terphenyl-d14
 Concen: 102.273 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143647.D
 Acq: 04 Sep 2025 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Tgt Ion:244 Resp: 990910
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.1 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: BF143647.D
 Acq: 04 Sep 2025 16:41

Tgt Ion:264 Resp: 144591
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.2 17.1 25.7

