

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
 Data File : BF143633.D
 Acq On : 03 Sep 2025 18:38
 Operator : RC/JU
 Sample : PB169499BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Quant Time: Sep 03 18:59:38 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	78074	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	304751	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	179290	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	298095	20.000	ng	0.00
76) Chrysene-d12	14.045	240	192445	20.000	ng	0.00
86) Perylene-d12	15.521	264	165623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	657256	149.137	ng	0.01
7) Phenol-d6	6.510	99	810966	148.262	ng	0.00
23) Nitrobenzene-d5	7.445	82	505999	116.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	255281	170.270	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1093352	97.429	ng	0.00
79) Terphenyl-d14	12.998	244	1165783	100.936	ng	0.00

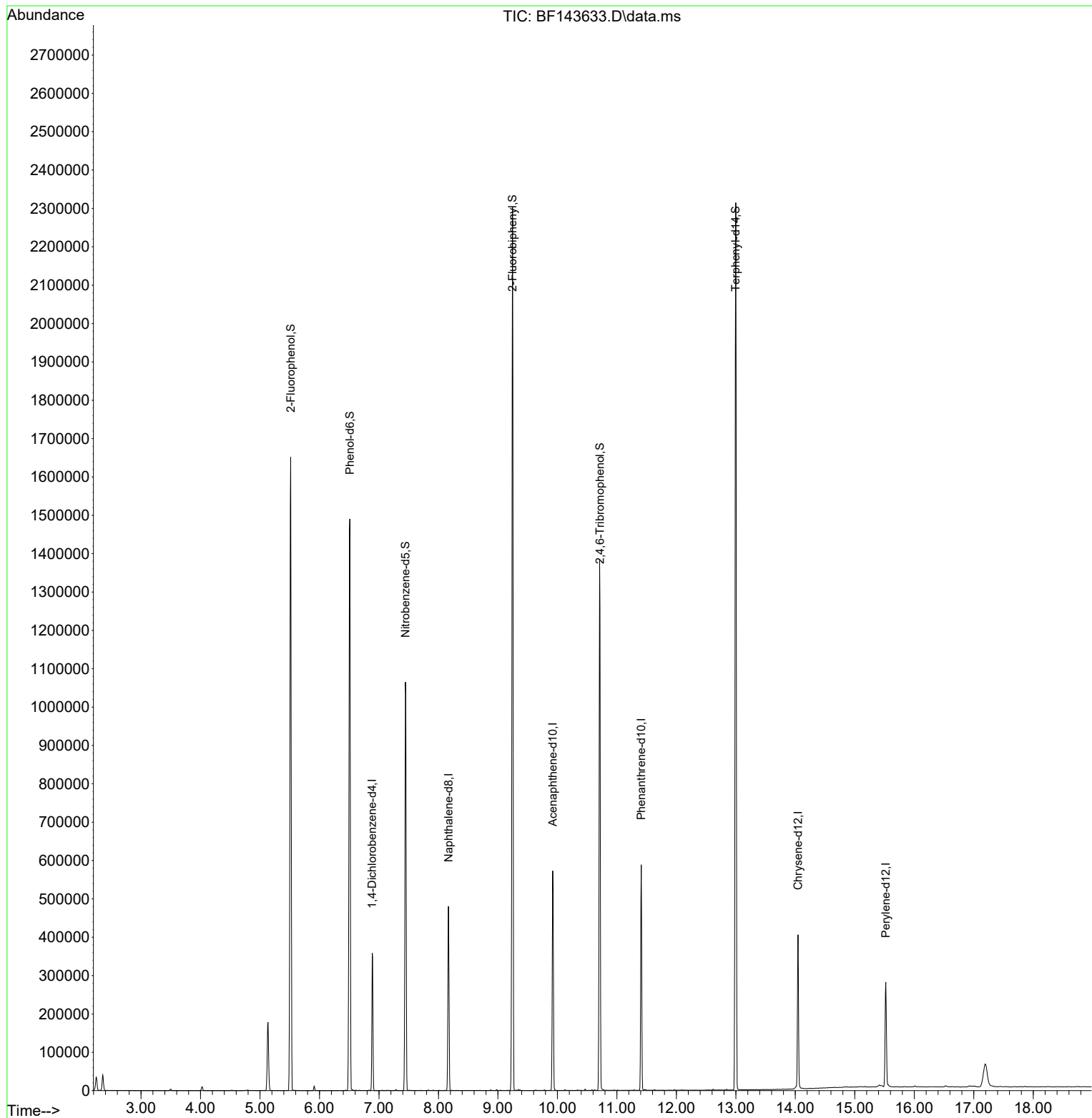
Target Compounds	Qvalue

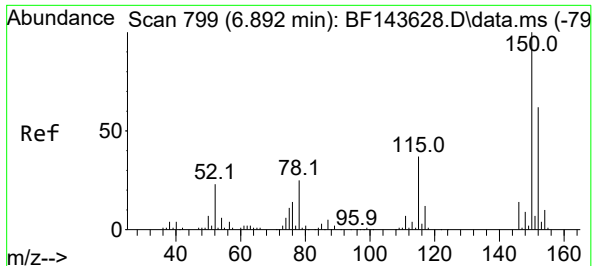
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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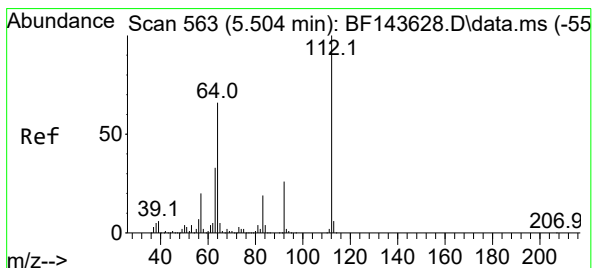
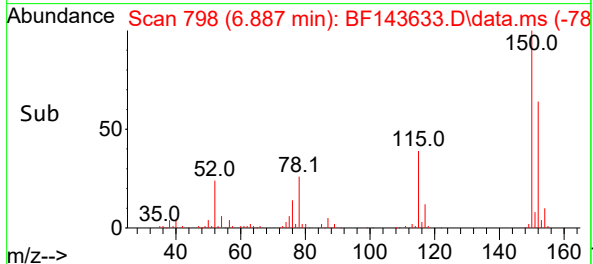
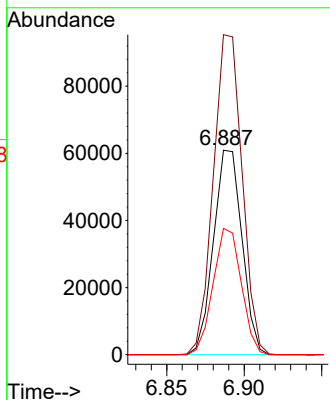
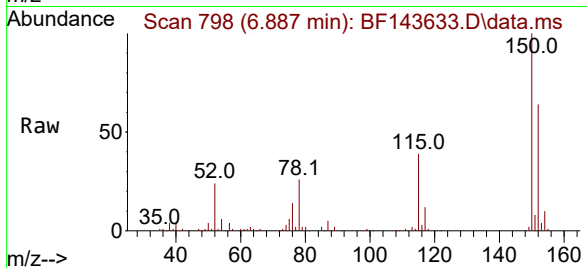




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 799
 Delta R.T. -0.005 min
 Lab File: BF143633.D
 Acq: 03 Sep 2025 18:38

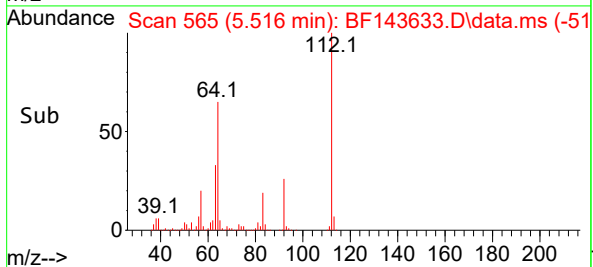
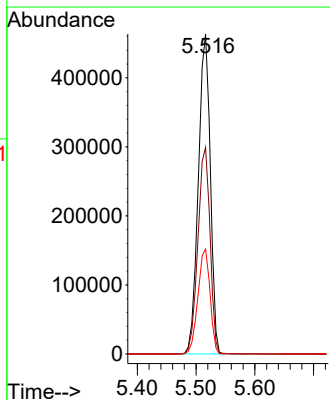
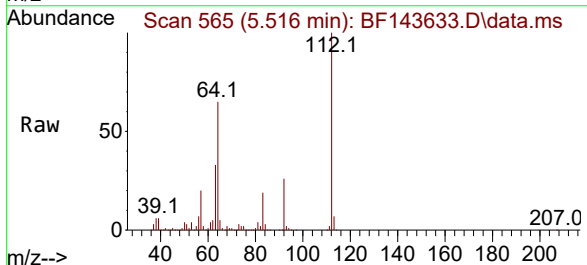
Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

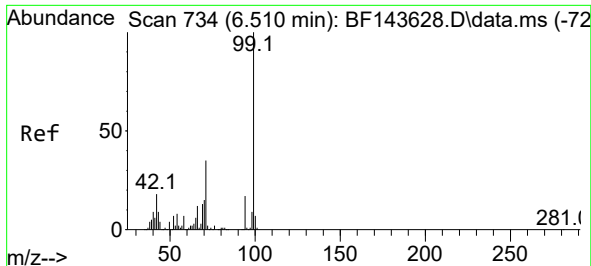
Tgt Ion:152 Resp: 78074
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.4 192.6
 115 61.8 47.9 71.9



#5
 2-Fluorophenol
 Concen: 149.137 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF143633.D
 Acq: 03 Sep 2025 18:38

Tgt Ion:112 Resp: 657256
 Ion Ratio Lower Upper
 112 100
 64 64.5 52.7 79.1
 63 32.8 26.5 39.7

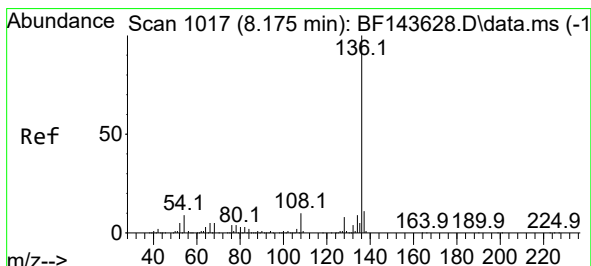
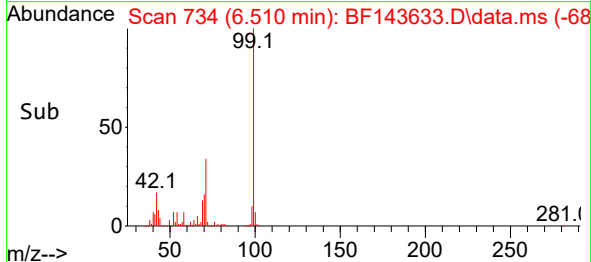
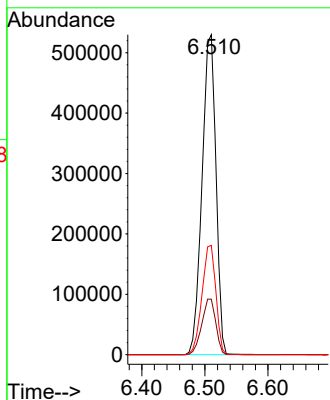
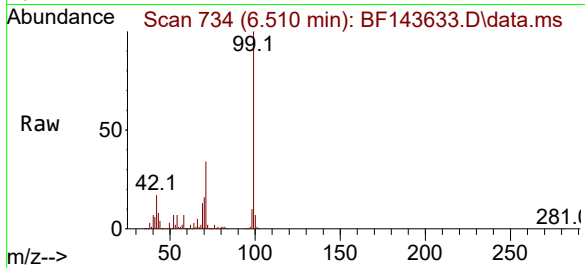




#7
Phenol-d6
Concen: 148.262 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143633.D
Acq: 03 Sep 2025 18:38

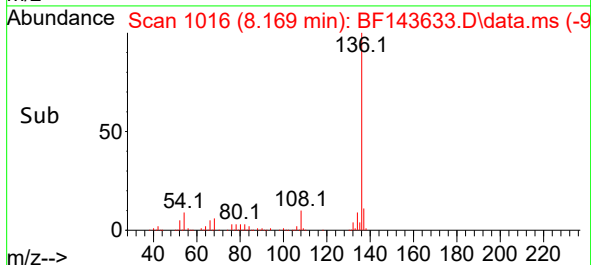
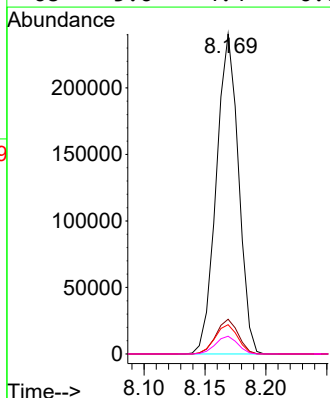
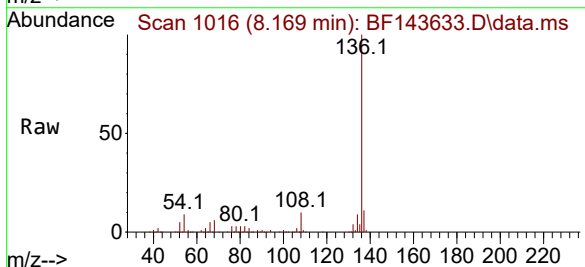
Instrument :
BNA_F
ClientSampleId :
PB169499BL

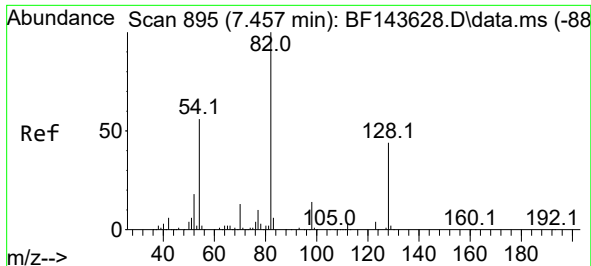
Tgt Ion: 99 Resp: 810966
Ion Ratio Lower Upper
99 100
42 17.3 14.6 22.0
71 34.2 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143633.D
Acq: 03 Sep 2025 18:38

Tgt Ion: 136 Resp: 304751
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.2 7.3 10.9
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 116.697 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143633.D

Acq: 03 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

PB169499BL

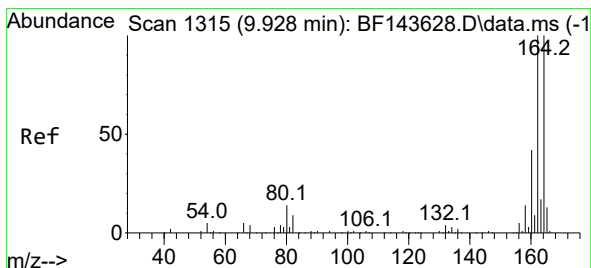
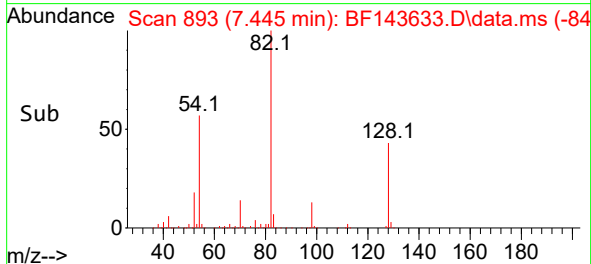
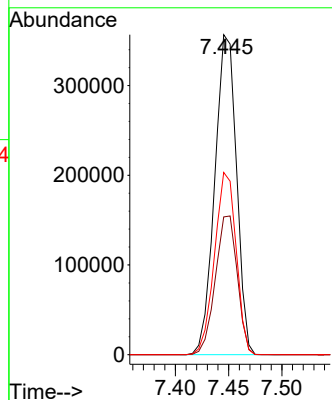
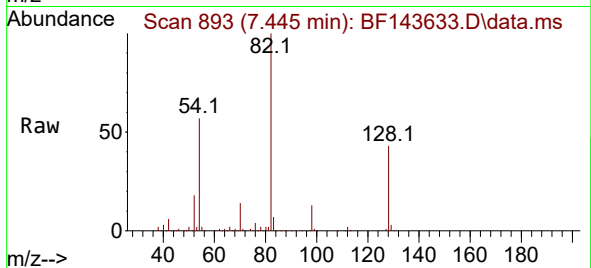
Tgt Ion: 82 Resp: 505999

Ion Ratio Lower Upper

82 100

128 43.0 34.7 52.1

54 57.0 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: BF143633.D

Acq: 03 Sep 2025 18:38

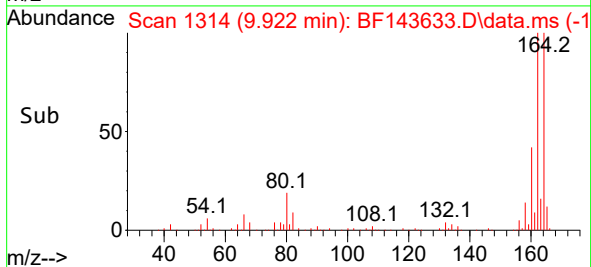
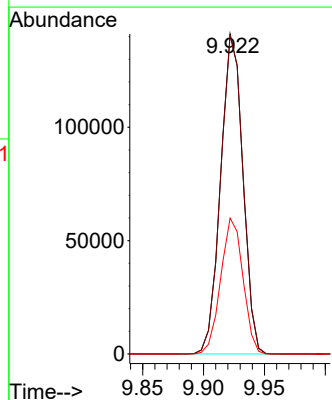
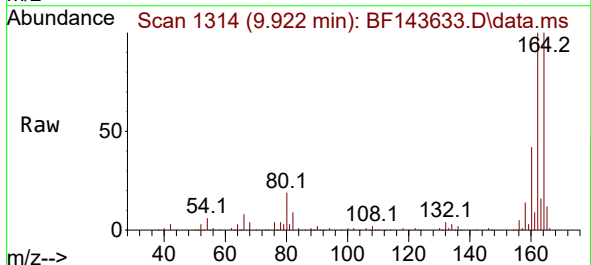
Tgt Ion:164 Resp: 179290

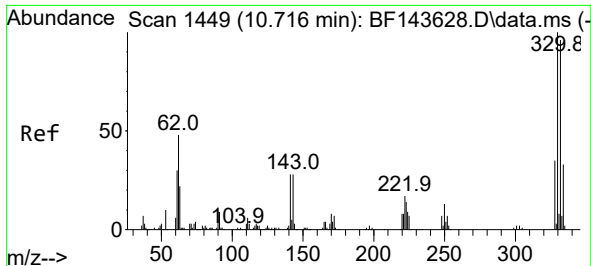
Ion Ratio Lower Upper

164 100

162 99.5 80.3 120.5

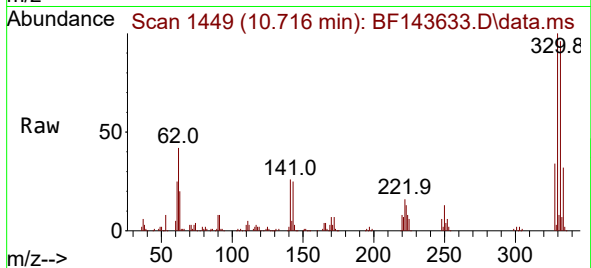
160 42.5 34.0 51.0



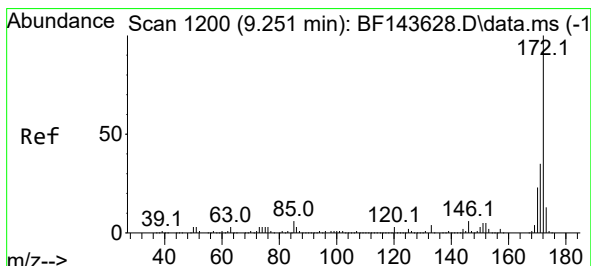
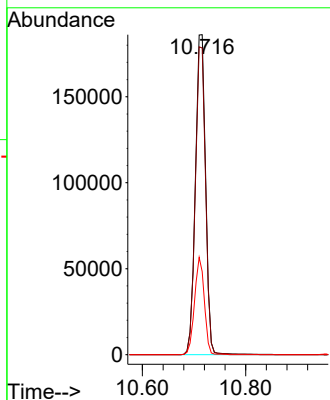
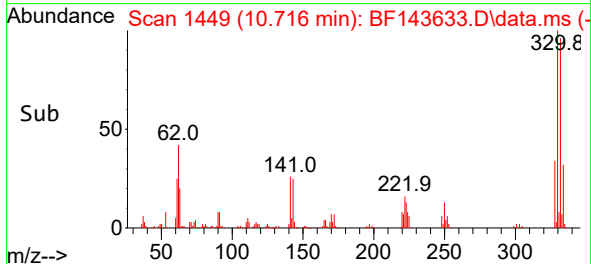


#42
2,4,6-Tribromophenol
Concen: 170.270 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143633.D
Acq: 03 Sep 2025 18:38

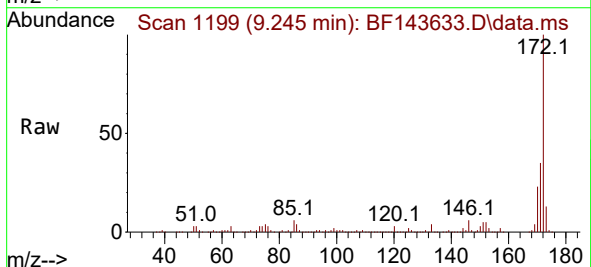
Instrument :
BNA_F
ClientSampleId :
PB169499BL



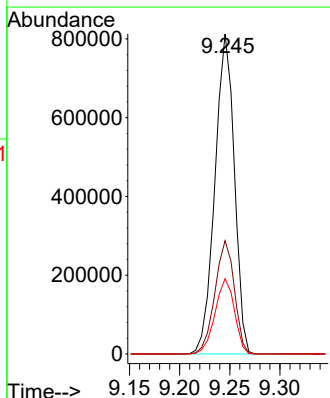
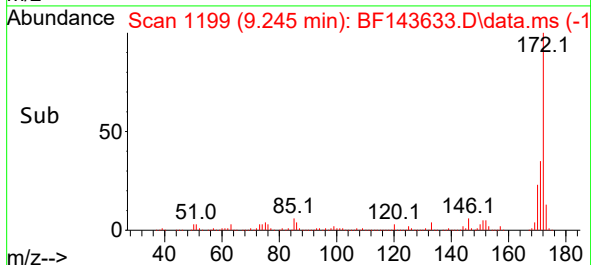
Tgt Ion:330 Resp: 255281
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 29.0 23.5 35.3

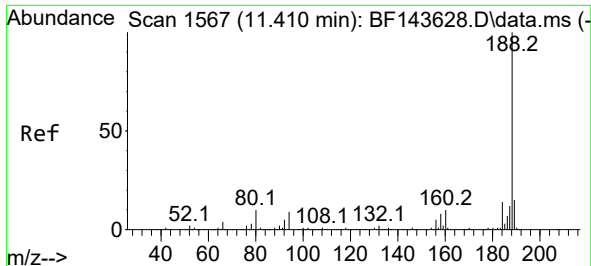


#45
2-Fluorobiphenyl
Concen: 97.429 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143633.D
Acq: 03 Sep 2025 18:38



Tgt Ion:172 Resp: 1093352
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.5 18.6 28.0

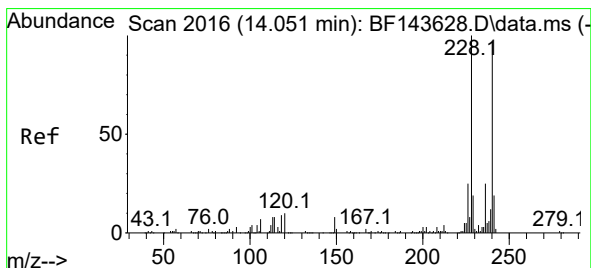
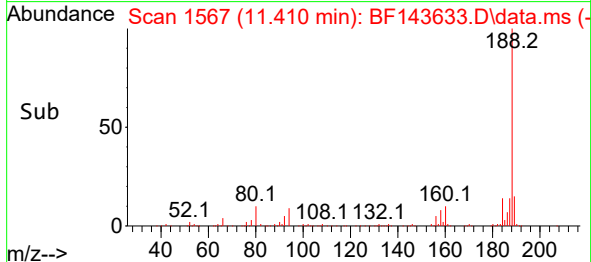
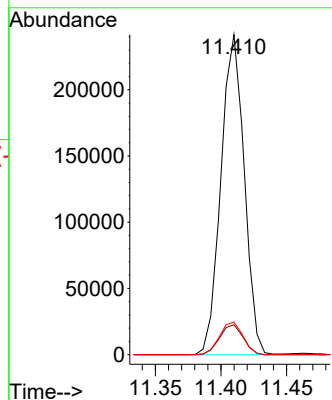
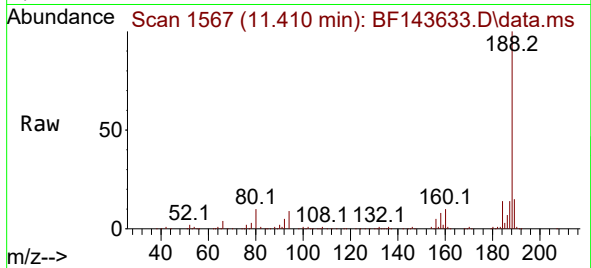




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143633.D
Acq: 03 Sep 2025 18:38

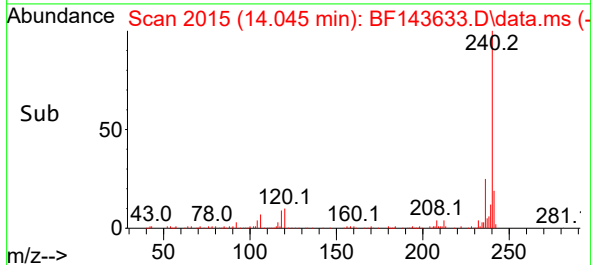
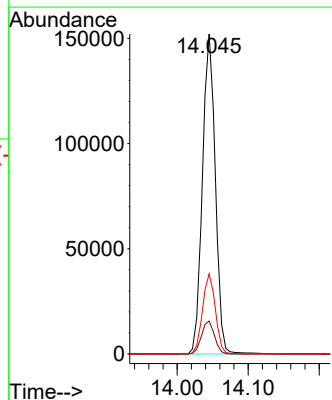
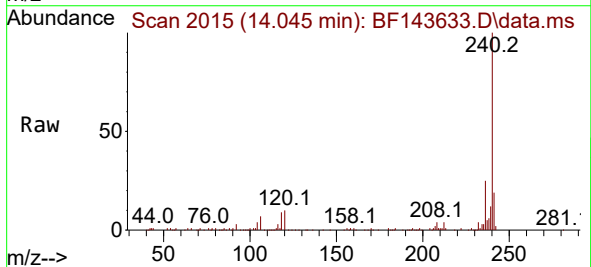
Instrument :
BNA_F
ClientSampleId :
PB169499BL

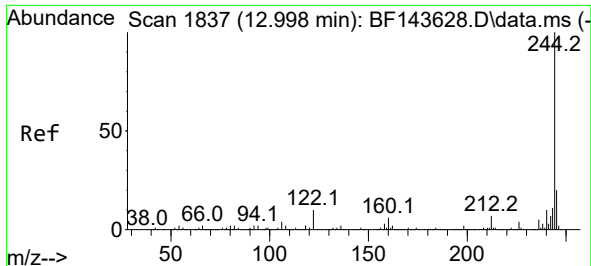
Tgt Ion:188 Resp: 298095
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143633.D
Acq: 03 Sep 2025 18:38

Tgt Ion:240 Resp: 192445
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.1 20.5 30.7

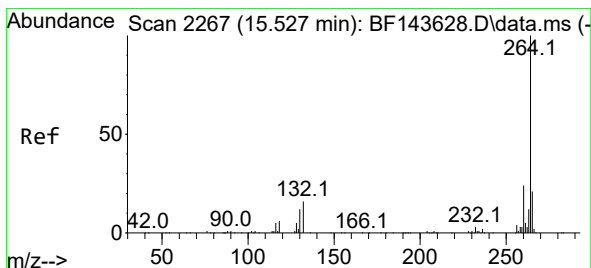
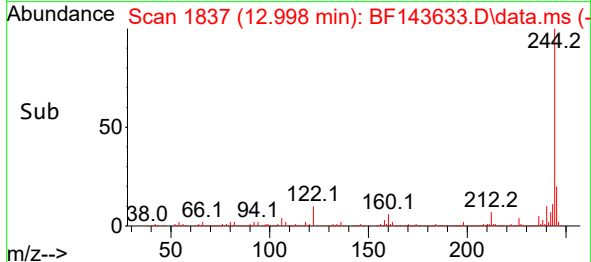
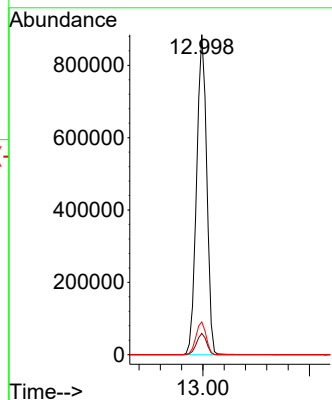
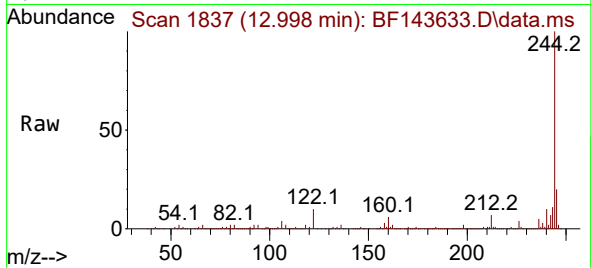




#79
 Terphenyl-d14
 Concen: 100.936 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143633.D
 Acq: 03 Sep 2025 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB169499BL

Tgt Ion:244 Resp: 1165783
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.3 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: BF143633.D
 Acq: 03 Sep 2025 18:38

Tgt Ion:264 Resp: 165623
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 21.2 17.1 25.7

