

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143749.D
 Acq On : 15 Sep 2025 13:20
 Operator : RC/JU
 Sample : PB169679BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169679BL

Quant Time: Sep 15 13:41:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	22112	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	83498	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	47255	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	78152	20.000	ng	0.01
76) Chrysene-d12	14.063	240	48079	20.000	ng	0.02
86) Perylene-d12	15.551	264	39737	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	183996	141.970	ng	0.02
7) Phenol-d6	6.510	99	214705	136.058	ng	0.00
23) Nitrobenzene-d5	7.451	82	122251	91.069	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	59239	124.393	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	279408	89.319	ng	0.00
79) Terphenyl-d14	13.016	244	287616	96.942	ng	0.02

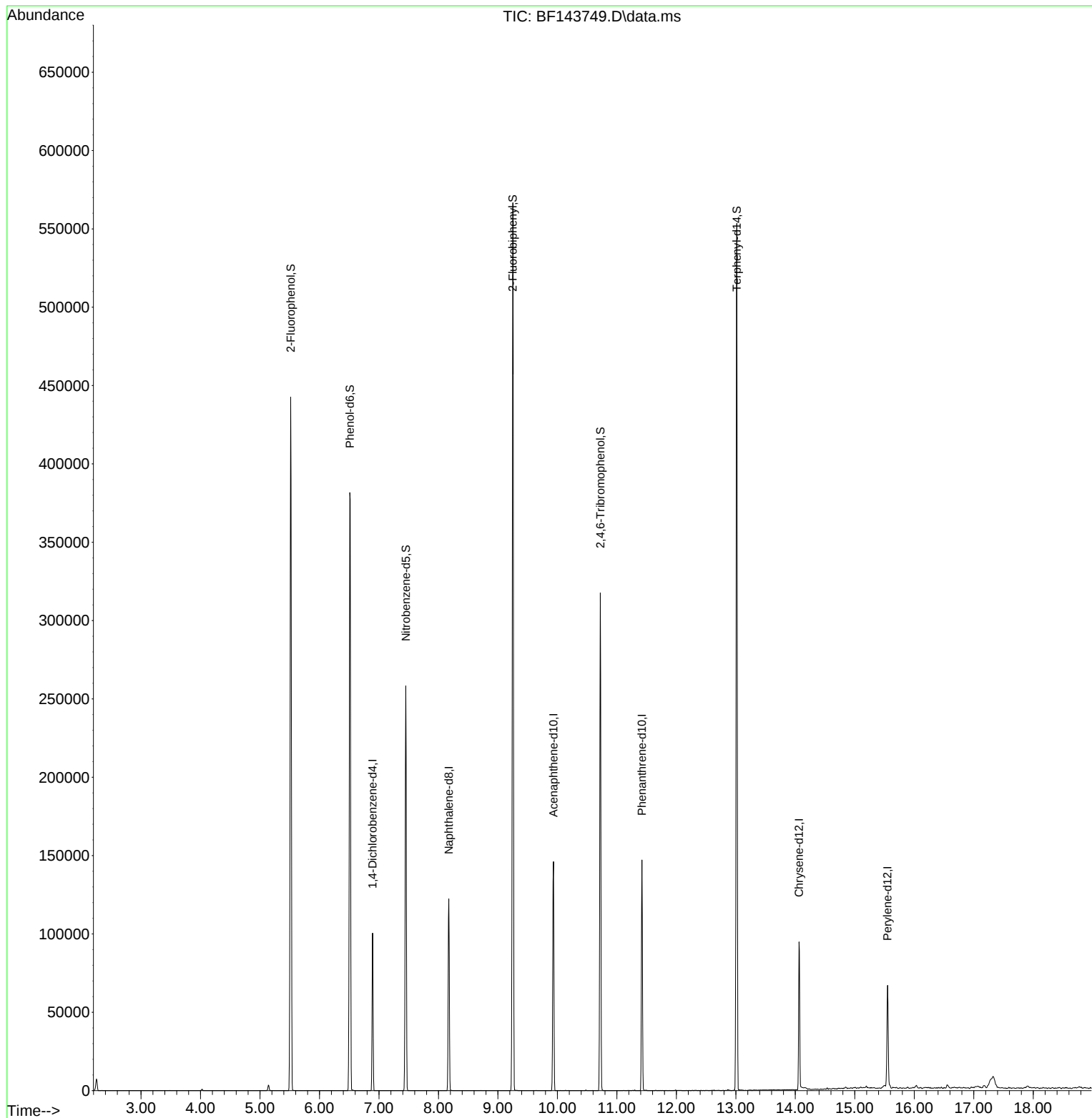
Target Compounds	Qvalue

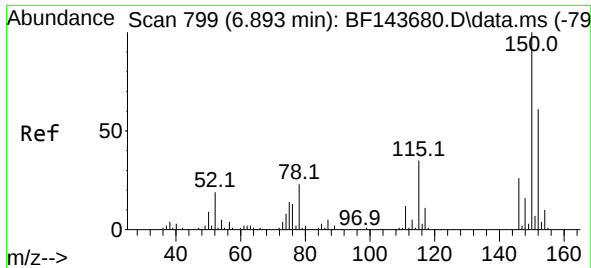
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143749.D
Acq On : 15 Sep 2025 13:20
Operator : RC/JU
Sample : PB169679BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169679BL

Quant Time: Sep 15 13:41:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

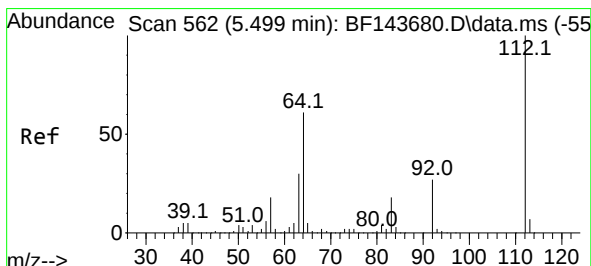
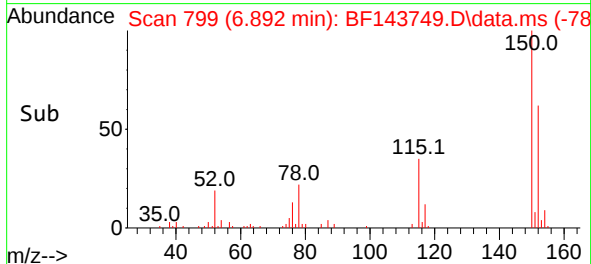
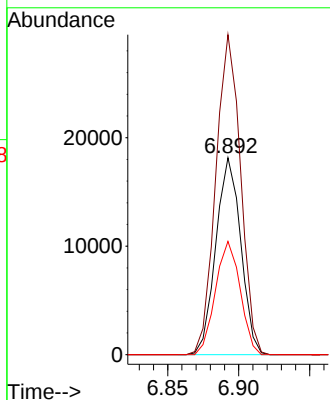
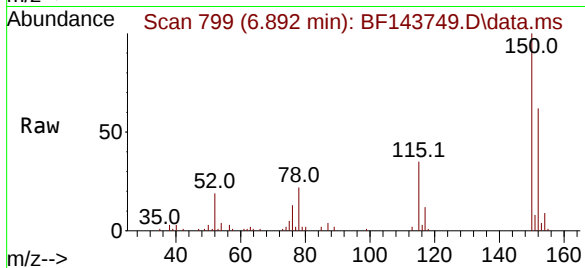




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143749.D
 Acq: 15 Sep 2025 13:20

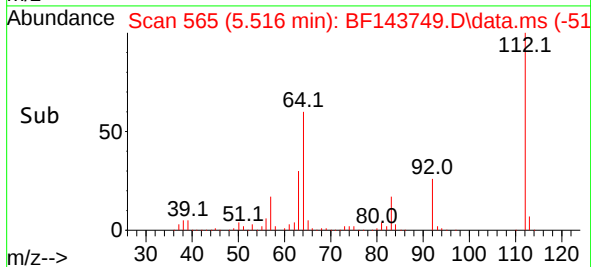
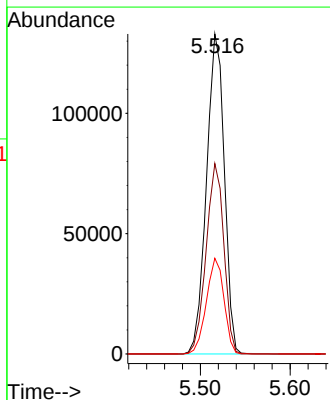
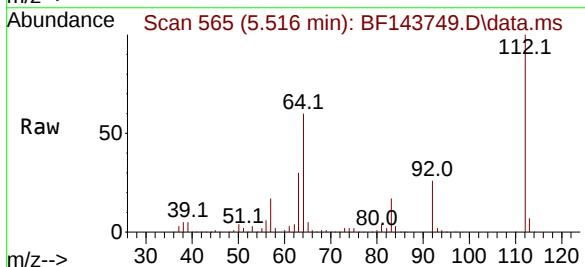
Instrument :
 BNA_F
 ClientSampleId :
 PB169679BL

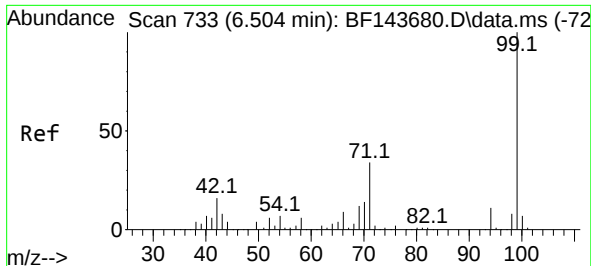
Tgt Ion:152 Resp: 22112
 Ion Ratio Lower Upper
 152 100
 150 162.5 130.7 196.1
 115 57.6 45.9 68.9



#5
 2-Fluorophenol
 Concen: 141.970 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.017 min
 Lab File: BF143749.D
 Acq: 15 Sep 2025 13:20

Tgt Ion:112 Resp: 183996
 Ion Ratio Lower Upper
 112 100
 64 59.5 49.0 73.4
 63 29.9 24.3 36.5

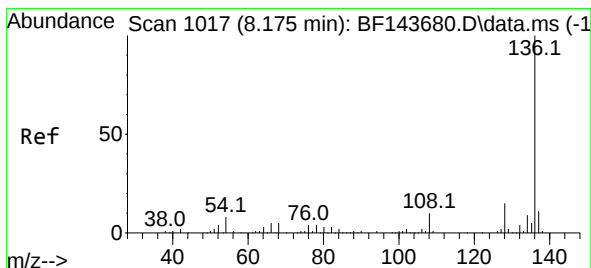
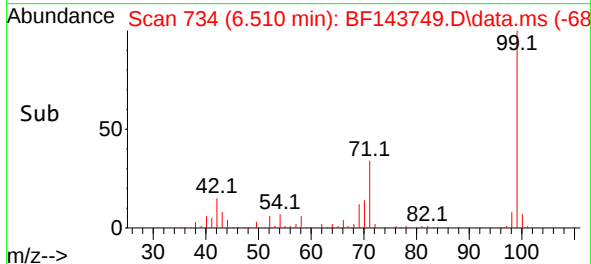
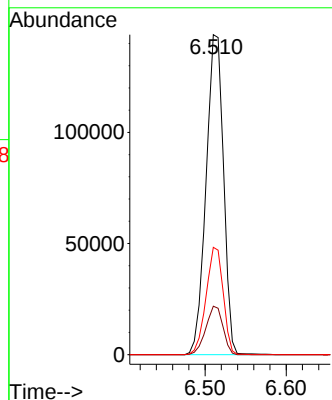
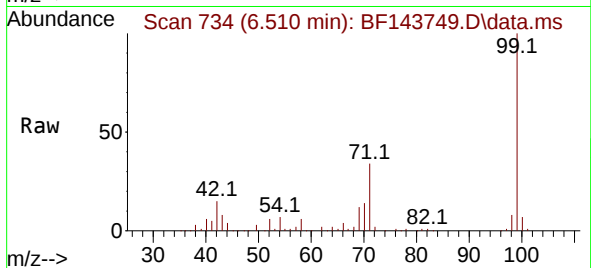




#7
Phenol-d6
Concen: 136.058 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

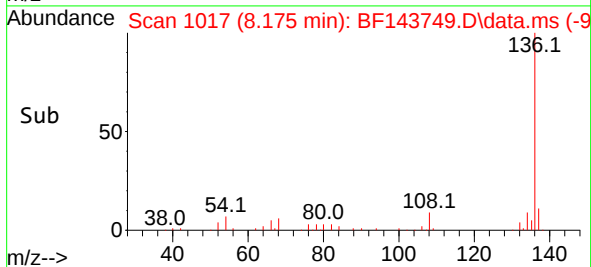
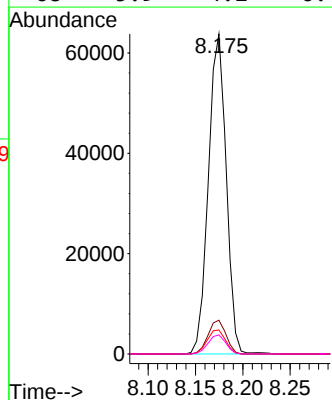
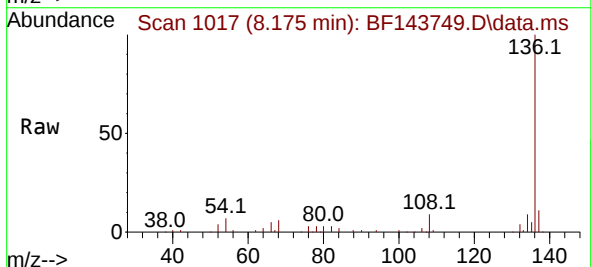
Instrument :
BNA_F
ClientSampleId :
PB169679BL

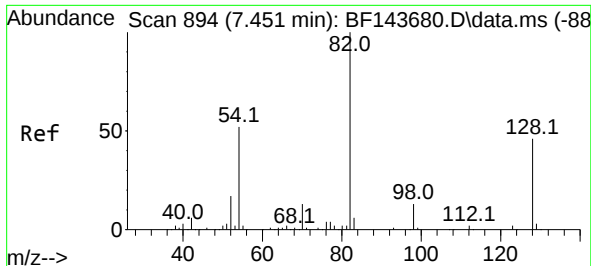
Tgt Ion: 99 Resp: 214705
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 33.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion: 136 Resp: 83498
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.5 6.2 9.2
68 5.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 91.069 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143749.D

Acq: 15 Sep 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB169679BL

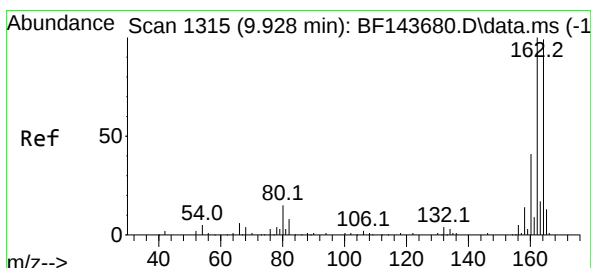
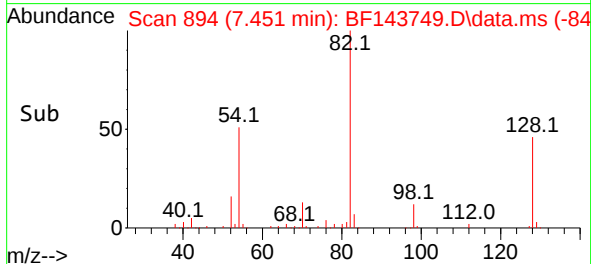
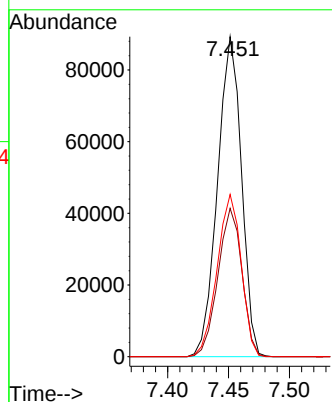
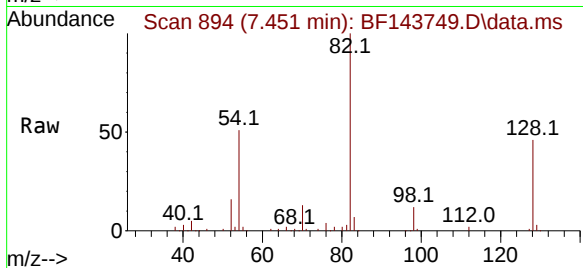
Tgt Ion: 82 Resp: 122251

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.4

54 50.7 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. 0.006 min

Lab File: BF143749.D

Acq: 15 Sep 2025 13:20

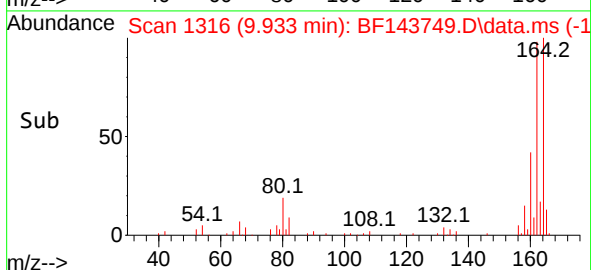
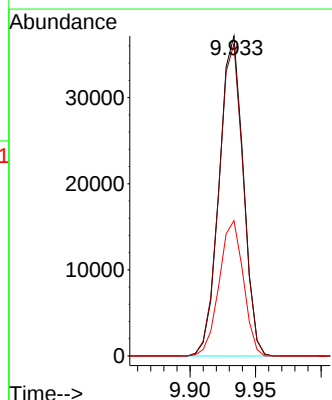
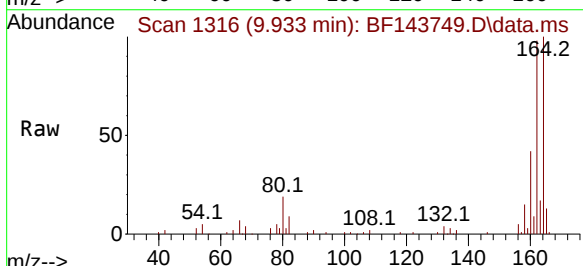
Tgt Ion:164 Resp: 47255

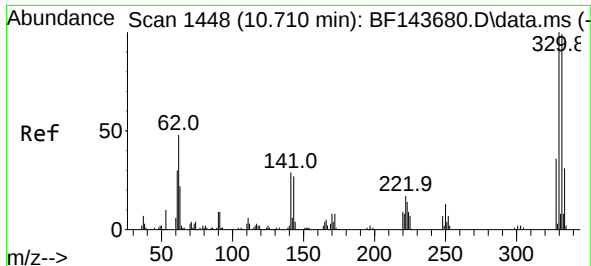
Ion Ratio Lower Upper

164 100

162 97.5 80.6 121.0

160 42.3 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 124.393 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143749.D

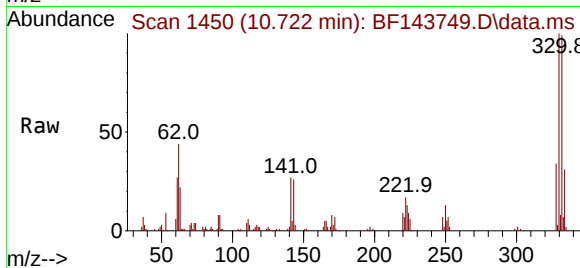
Acq: 15 Sep 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB169679BL



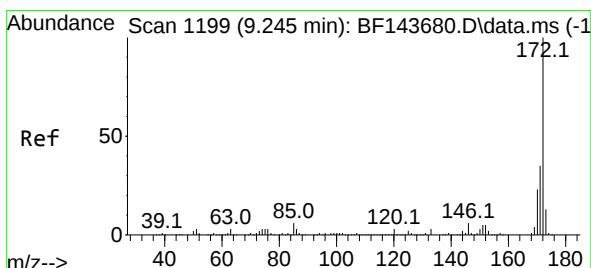
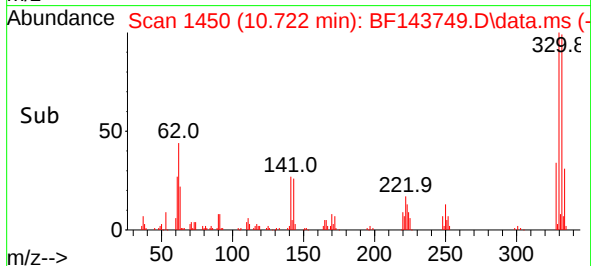
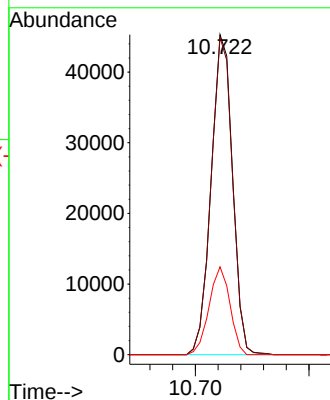
Tgt Ion:330 Resp: 59239

Ion Ratio Lower Upper

330 100

332 99.3 79.2 118.8

141 26.7 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 89.319 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143749.D

Acq: 15 Sep 2025 13:20

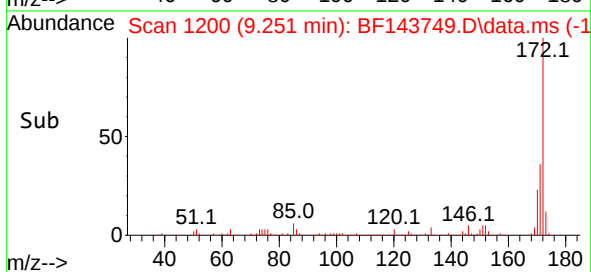
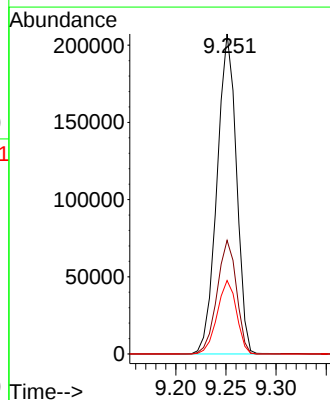
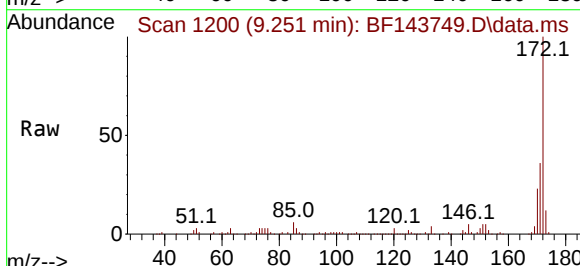
Tgt Ion:172 Resp: 279408

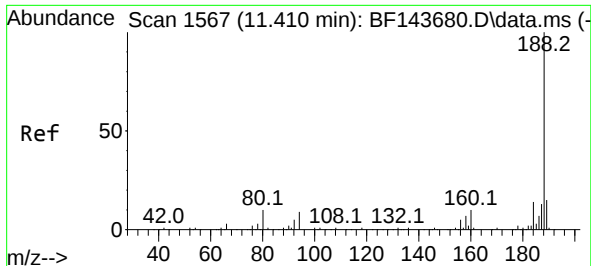
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 22.9 18.6 27.8

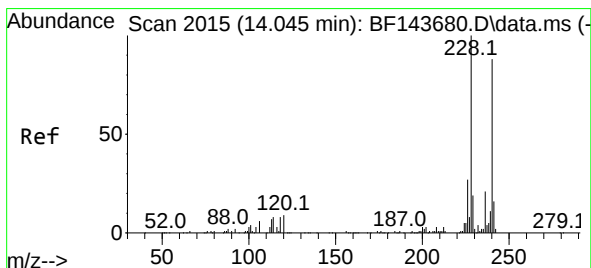
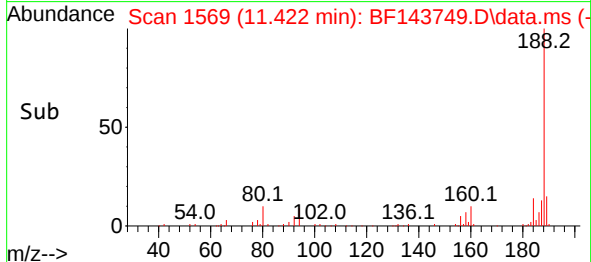
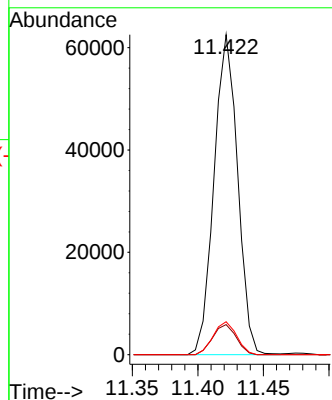
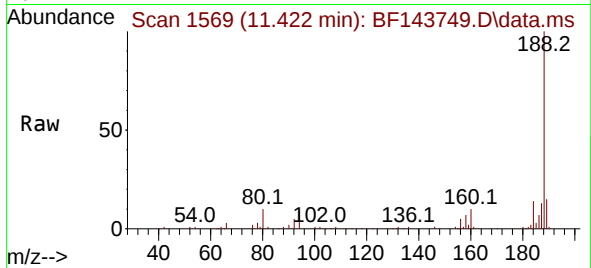




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

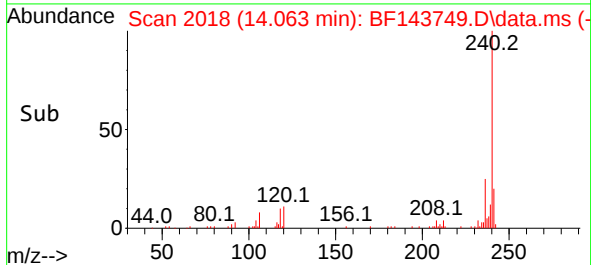
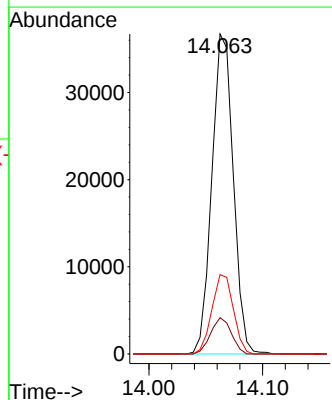
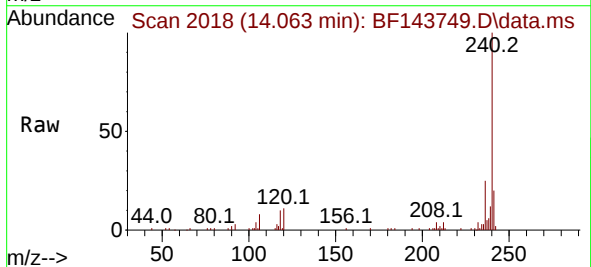
Instrument :
BNA_F
ClientSampleId :
PB169679BL

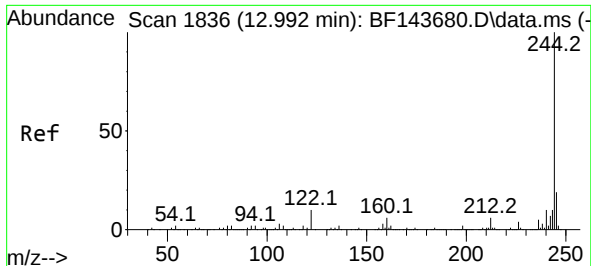
Tgt Ion:188 Resp: 78152
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion:240 Resp: 48079
Ion Ratio Lower Upper
240 100
120 11.4 8.4 12.6
236 24.8 18.6 28.0

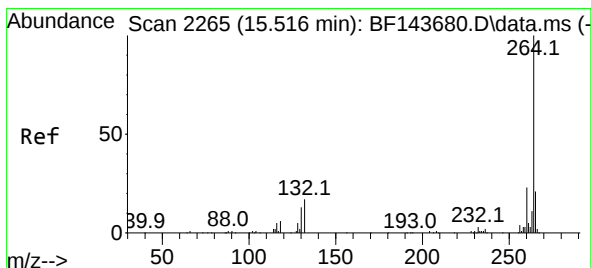
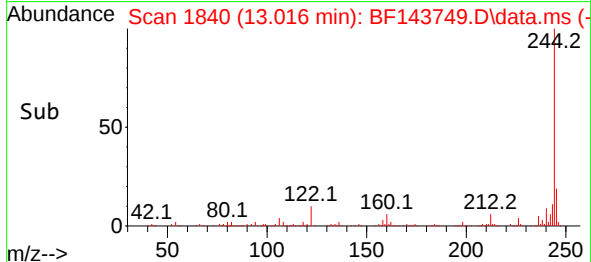
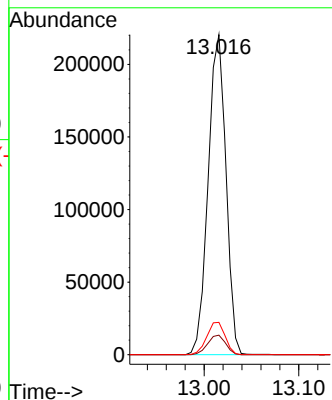
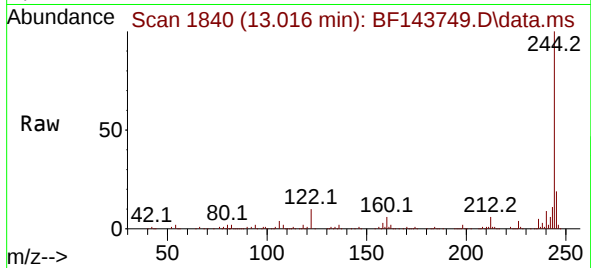




#79
 Terphenyl-d14
 Concen: 96.942 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.023 min
 Lab File: BF143749.D
 Acq: 15 Sep 2025 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB169679BL

Tgt Ion:244 Resp: 287616
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.6
 122 10.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.035 min
 Lab File: BF143749.D
 Acq: 15 Sep 2025 13:20

Tgt Ion:264 Resp: 39737
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.7 17.1 25.7

