

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143618.D
 Acq On : 28 Aug 2025 19:13
 Operator : RC/JU
 Sample : Q2971-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Aug 29 01:09:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	103444	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	403167	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	231908	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	381496	20.000	ng	0.00
76) Chrysene-d12	14.045	240	194613	20.000	ng	0.00
86) Perylene-d12	15.521	264	199616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	832214	136.925	ng	0.00
7) Phenol-d6	6.510	99	1060437	140.869	ng	0.00
23) Nitrobenzene-d5	7.451	82	663704	117.542	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	323215	178.221	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1209678	89.184	ng	0.00
79) Terphenyl-d14	12.998	244	1214466	111.983	ng	0.00

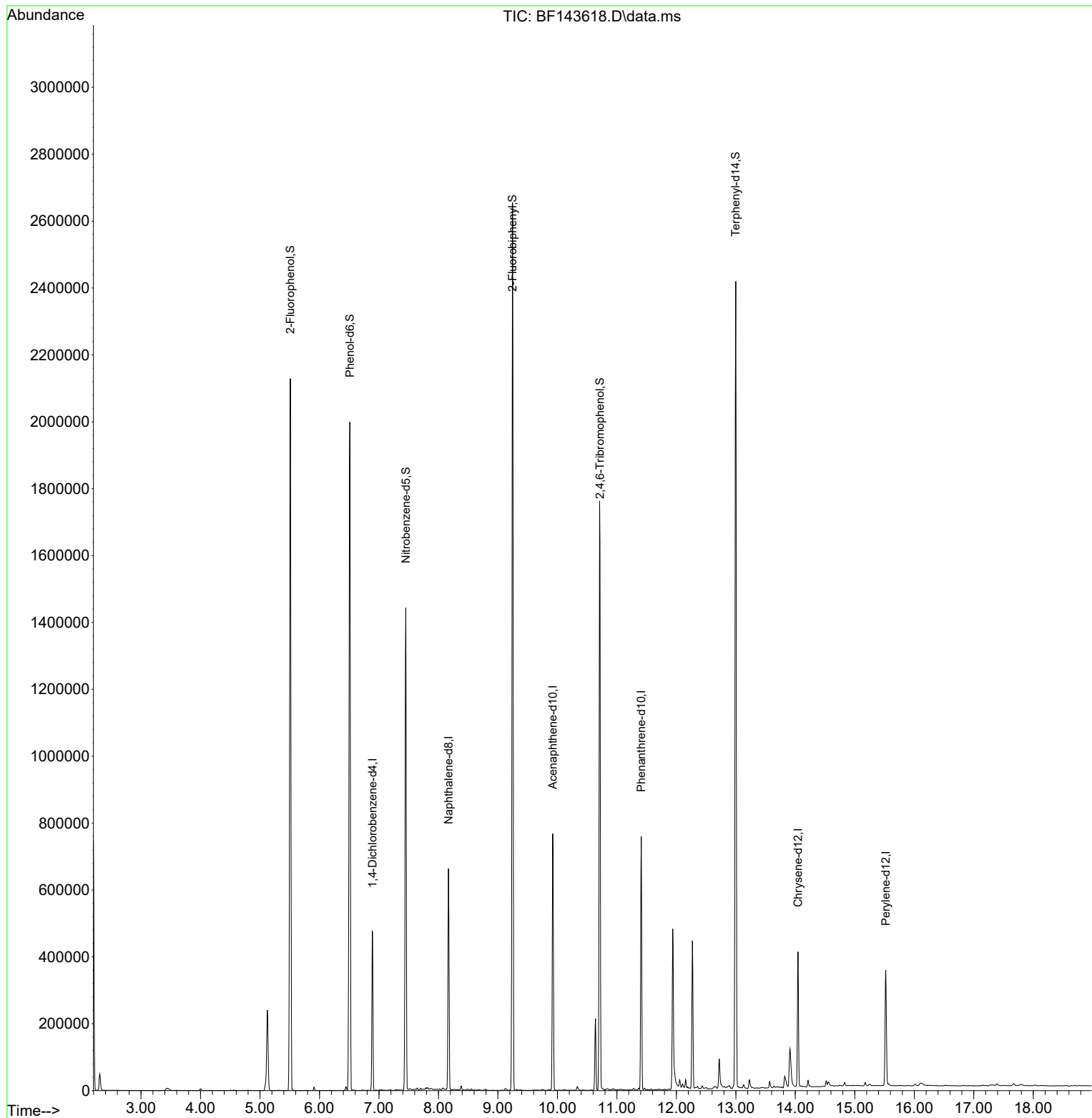
Target Compounds	Qvalue

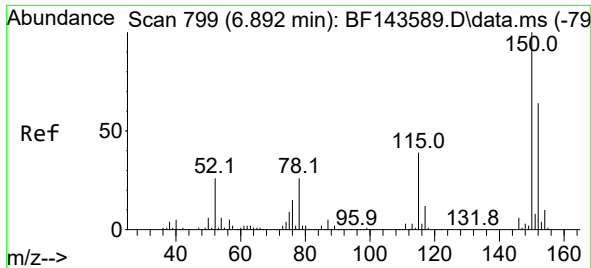
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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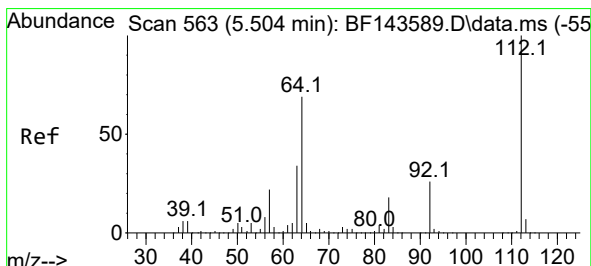
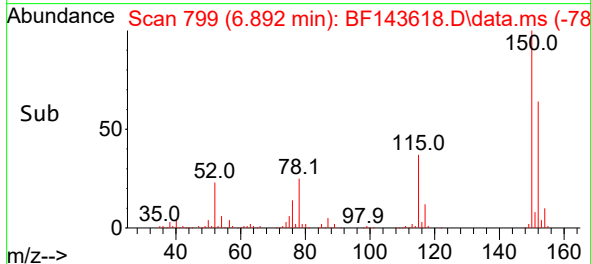
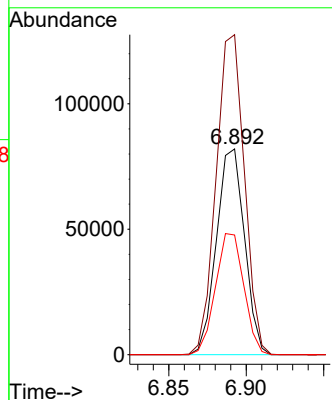
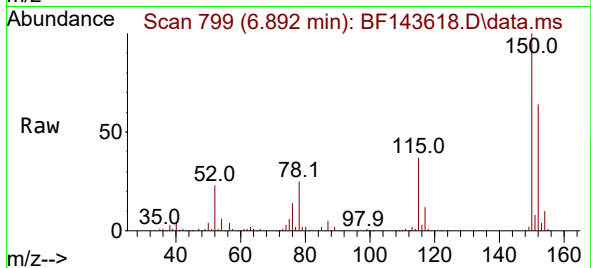




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143618.D
Acq: 28 Aug 2025 19:13

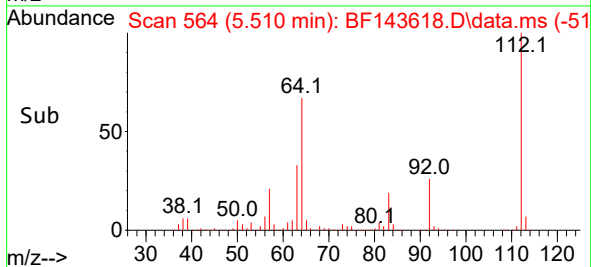
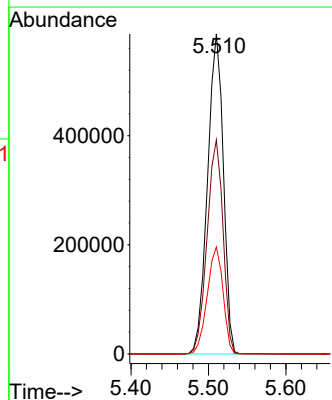
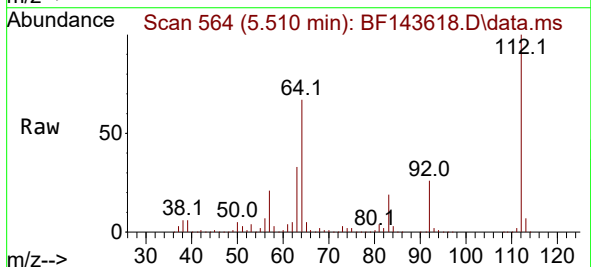
Instrument :
BNA_F
ClientSampleId :
TP1

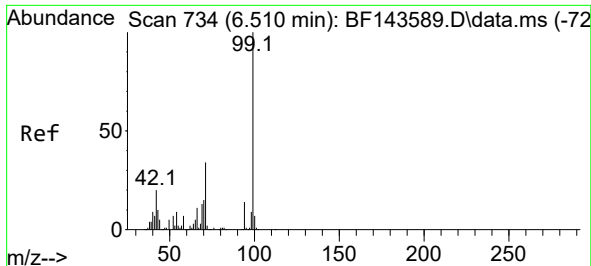
Tgt Ion:152 Resp: 103444
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 58.2 48.0 72.0



#5
2-Fluorophenol
Concen: 136.925 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF143618.D
Acq: 28 Aug 2025 19:13

Tgt Ion:112 Resp: 832214
Ion Ratio Lower Upper
112 100
64 66.9 54.8 82.2
63 33.5 27.6 41.4



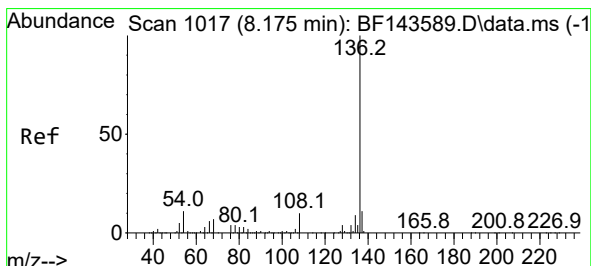
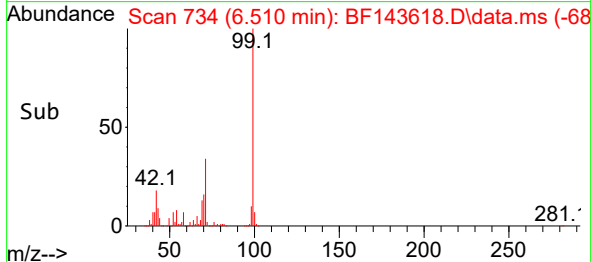
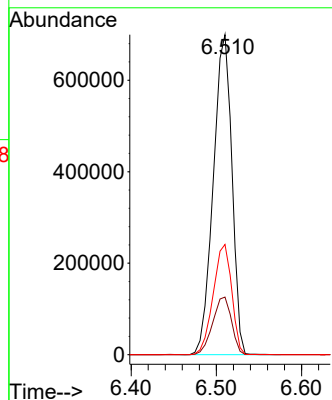
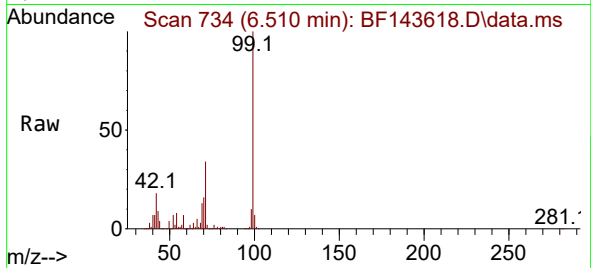


#7
Phenol-d6
Concen: 140.869 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143618.D
Acq: 28 Aug 2025 19:13

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion: 99 Resp: 1060437

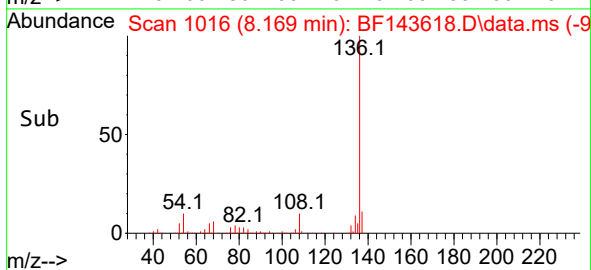
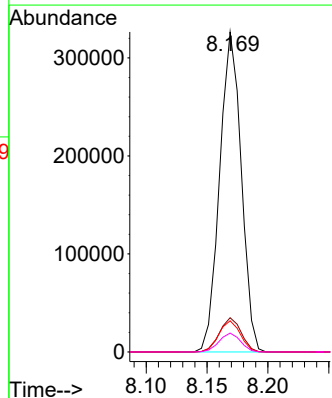
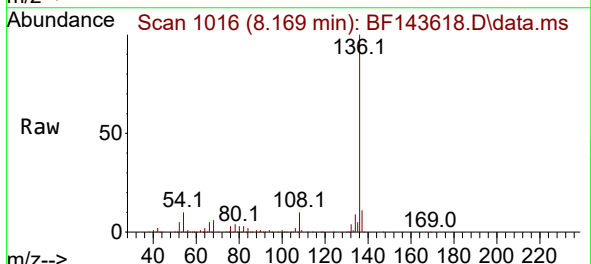
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.9	23.9
71	34.5	27.2	40.8

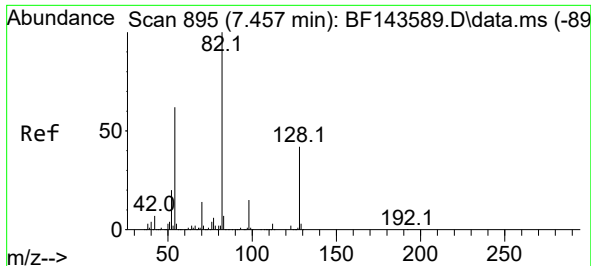


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143618.D
Acq: 28 Aug 2025 19:13

Tgt Ion: 136 Resp: 403167

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	9.0	13.6
68	5.9	5.3	7.9





#23

Nitrobenzene-d5

Concen: 117.542 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143618.D

Acq: 28 Aug 2025 19:13

Instrument :

BNA_F

ClientSampleId :

TP1

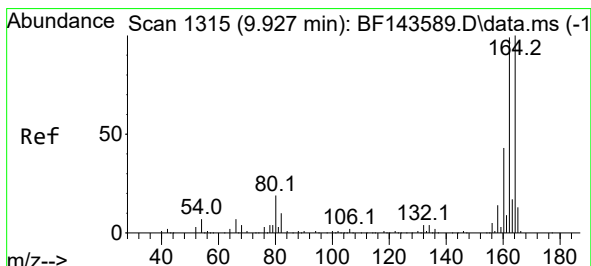
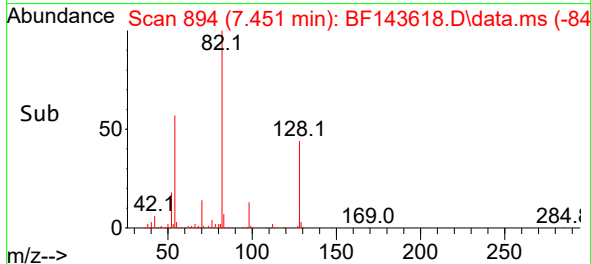
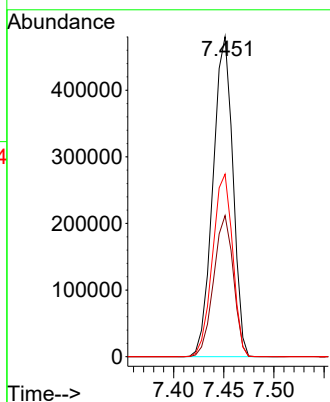
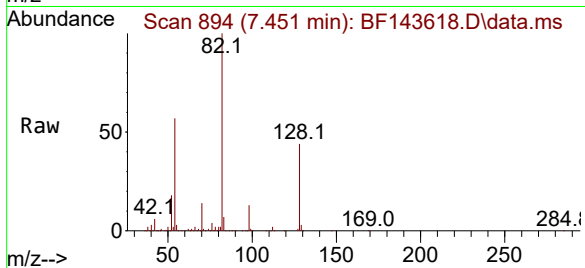
Tgt Ion: 82 Resp: 663704

Ion Ratio Lower Upper

82 100

128 44.1 33.4 50.2

54 57.1 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143618.D

Acq: 28 Aug 2025 19:13

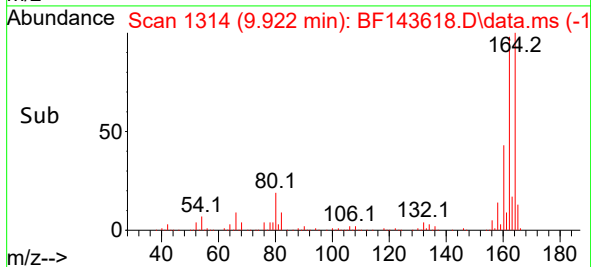
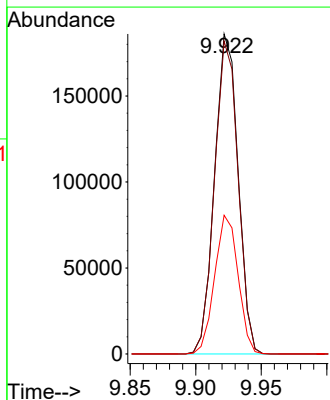
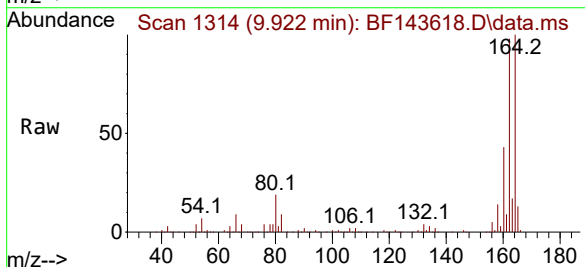
Tgt Ion:164 Resp: 231908

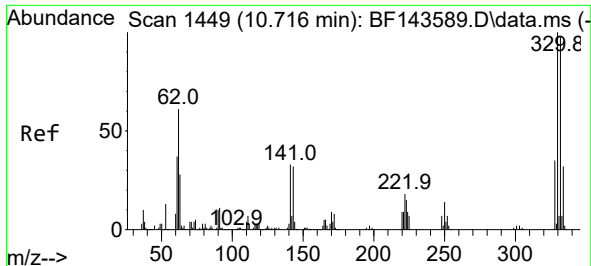
Ion Ratio Lower Upper

164 100

162 97.8 79.5 119.3

160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 178.221 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143618.D

Acq: 28 Aug 2025 19:13

Instrument :

BNA_F

ClientSampleId :

TP1

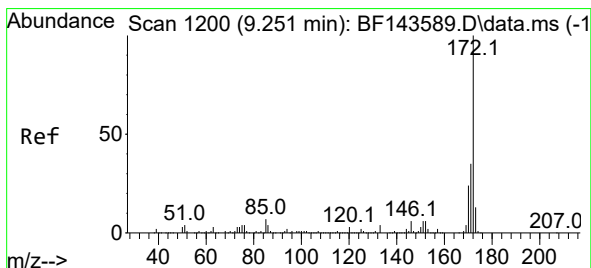
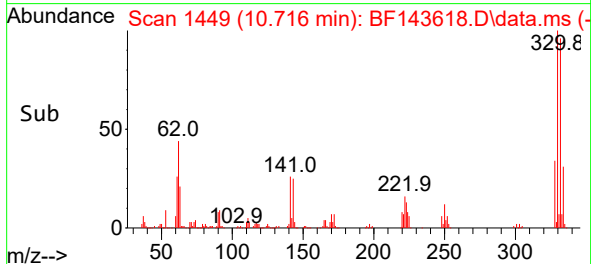
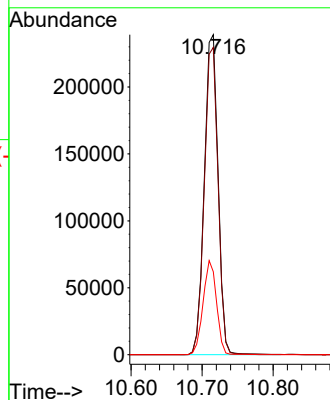
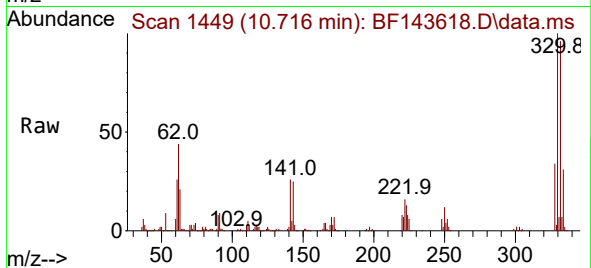
Tgt Ion:330 Resp: 323215

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.4

141 28.7 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 89.184 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143618.D

Acq: 28 Aug 2025 19:13

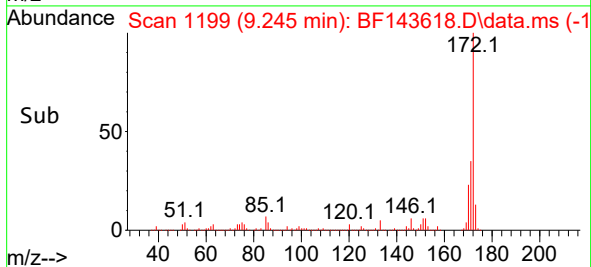
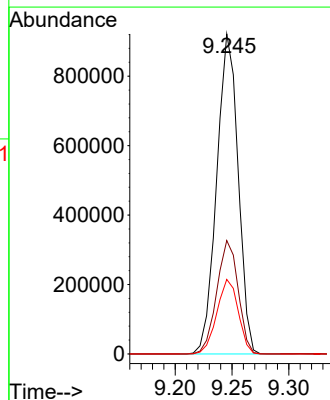
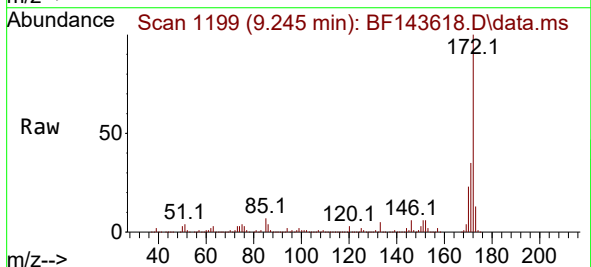
Tgt Ion:172 Resp: 1209678

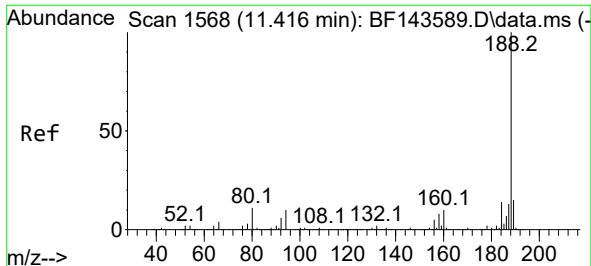
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.3 19.0 28.4

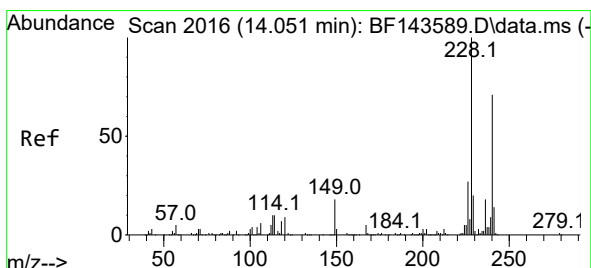
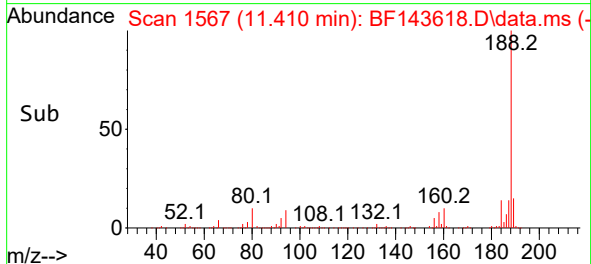
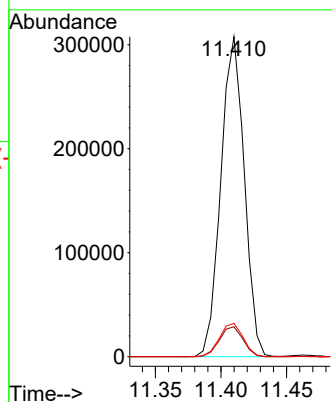
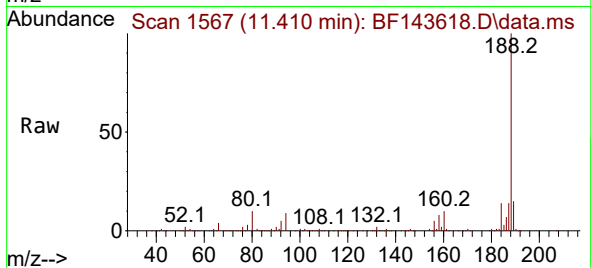




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143618.D
Acq: 28 Aug 2025 19:13

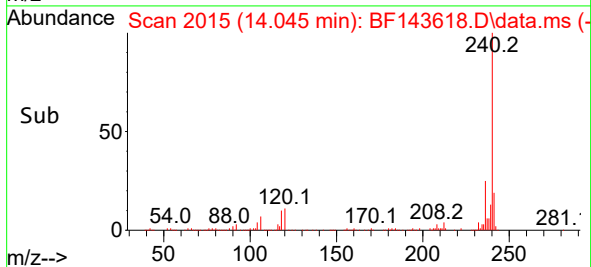
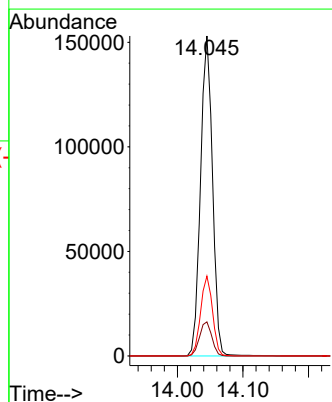
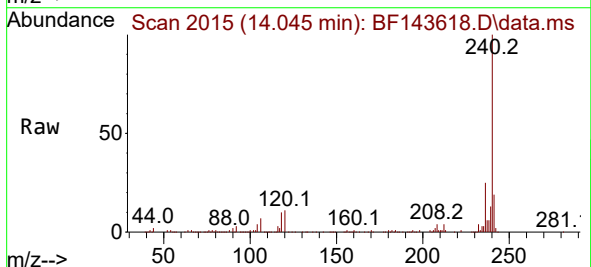
Instrument :
BNA_F
ClientSampleId :
TP1

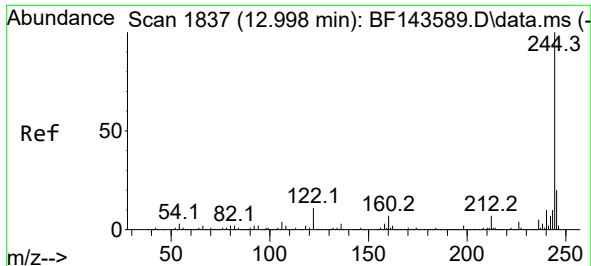
Tgt Ion:188 Resp: 381496
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143618.D
Acq: 28 Aug 2025 19:13

Tgt Ion:240 Resp: 194613
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 25.0 20.2 30.2

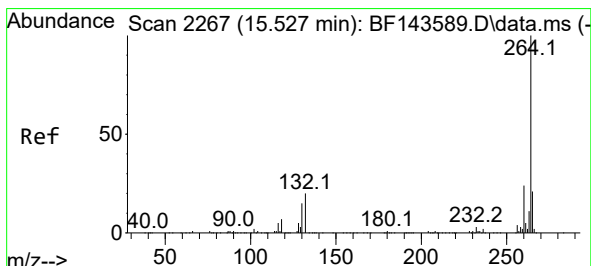
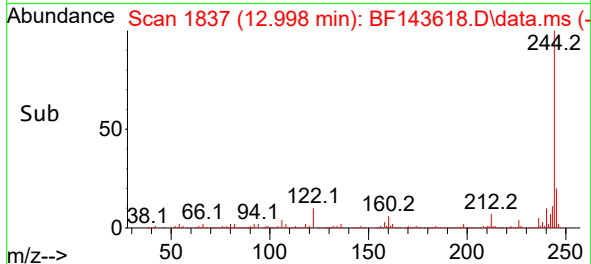
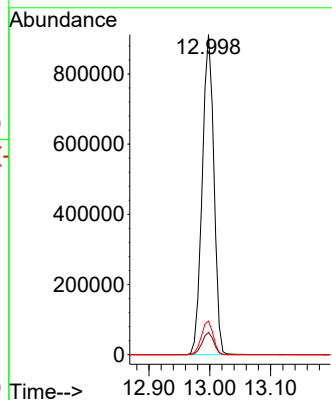
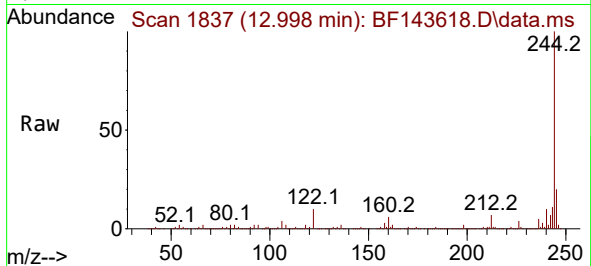




#79
 Terphenyl-d14
 Concen: 111.983 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143618.D
 Acq: 28 Aug 2025 19:13

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Tgt Ion:244 Resp: 1214466
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF143618.D
 Acq: 28 Aug 2025 19:13

Tgt Ion:264 Resp: 199616
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.5 17.0 25.4

