

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144123.D
 Acq On : 29 Oct 2025 12:30
 Operator : RC/JU
 Sample : PB170259BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170259BL

Quant Time: Oct 29 12:50:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	76181	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	294890	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	172720	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	319051	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201994	20.000	ng	0.00
86) Perylene-d12	15.533	264	228196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	614332	127.583	ng	0.01
7) Phenol-d6	6.504	99	695458	130.778	ng	0.00
23) Nitrobenzene-d5	7.439	82	468312	87.007	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	315832	143.552	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1012950	82.529	ng	0.00
79) Terphenyl-d14	12.998	244	1149541	99.491	ng	0.00

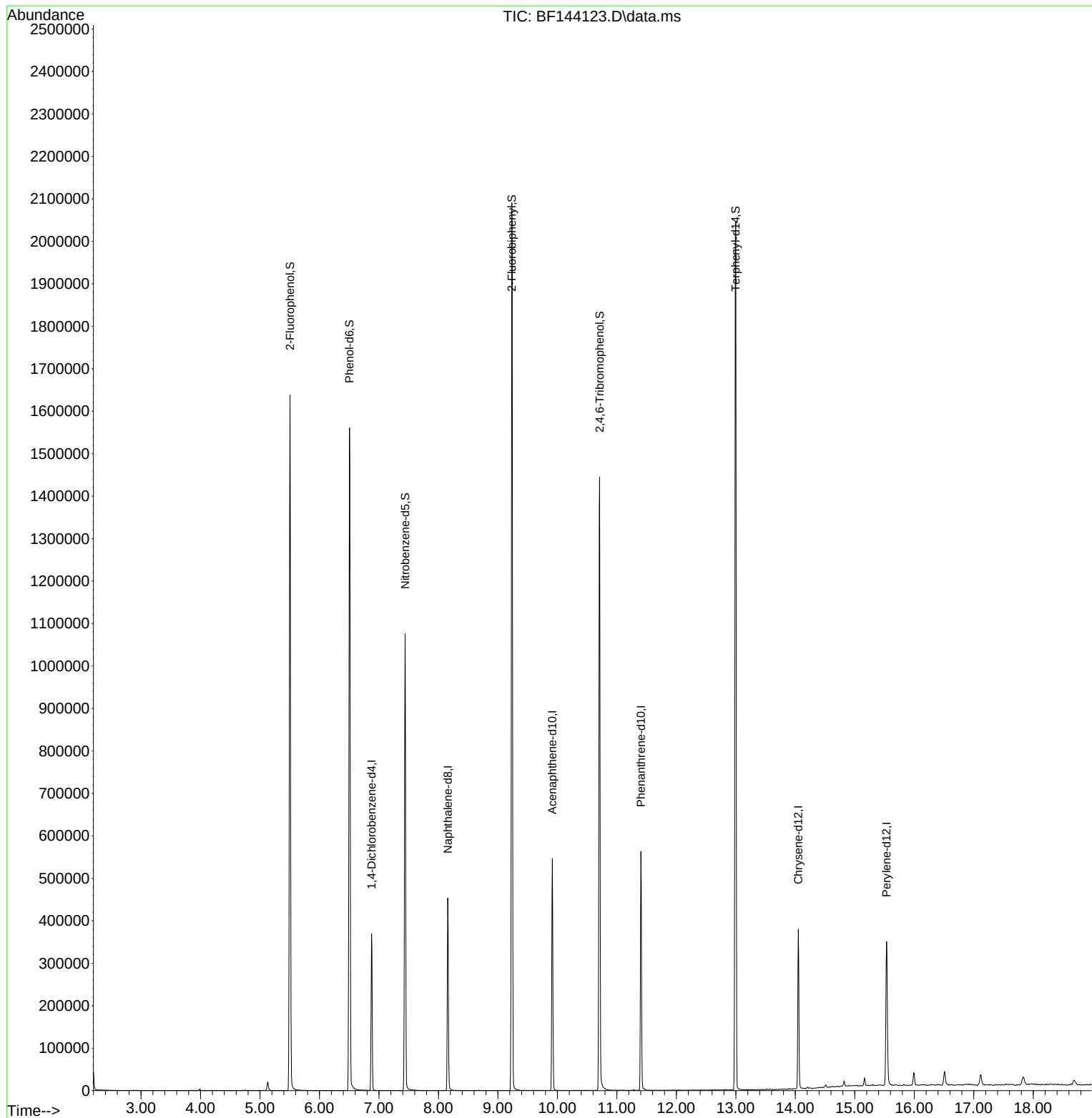
Target Compounds	Qvalue

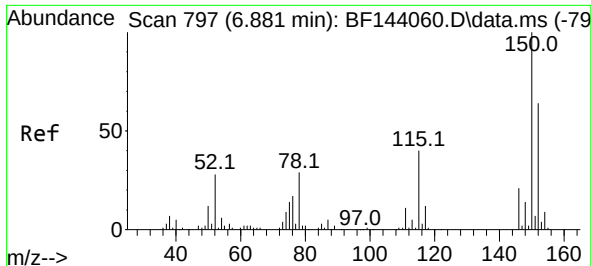
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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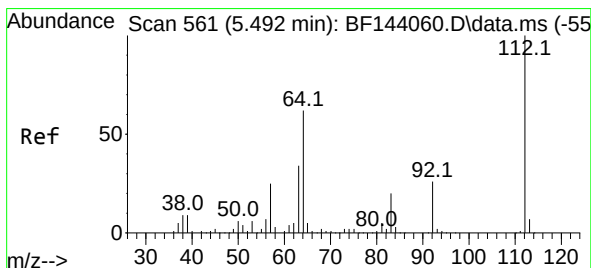
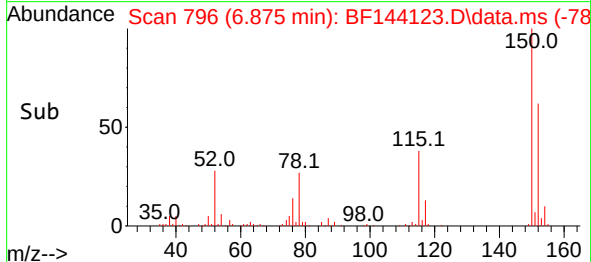
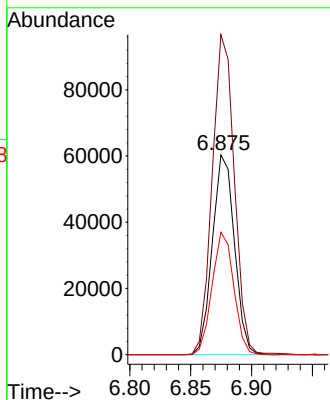
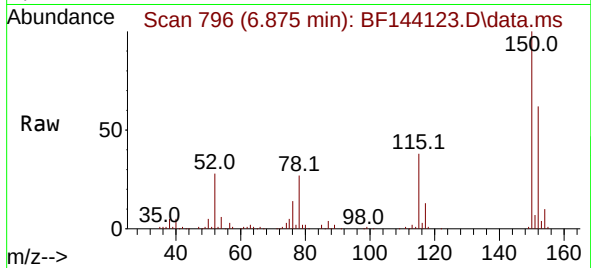




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144123.D
Acq: 29 Oct 2025 12:30

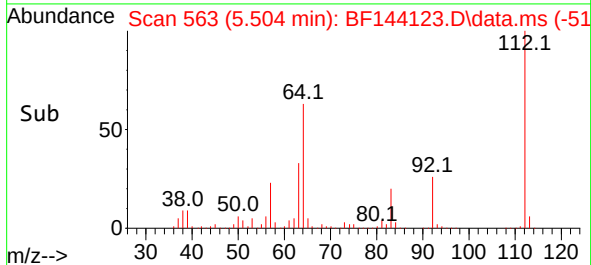
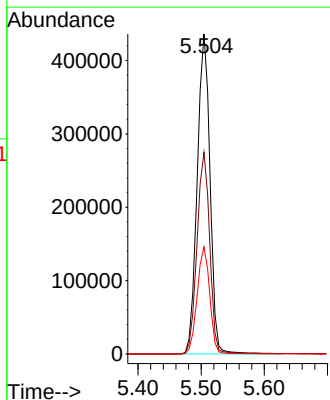
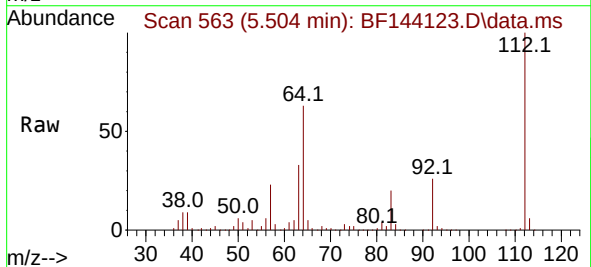
Instrument :
BNA_F
ClientSampleId :
PB170259BL

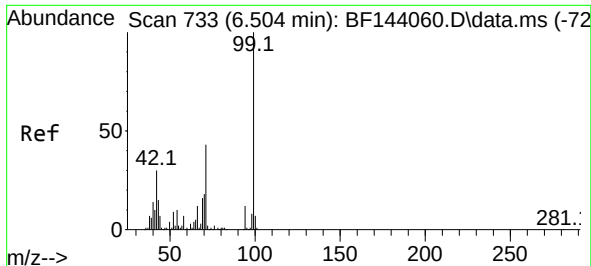
Tgt Ion:152 Resp: 76181
Ion Ratio Lower Upper
152 100
150 160.3 124.4 186.6
115 61.3 49.4 74.0



#5
2-Fluorophenol
Concen: 127.583 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144123.D
Acq: 29 Oct 2025 12:30

Tgt Ion:112 Resp: 614332
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.5 27.4 41.2

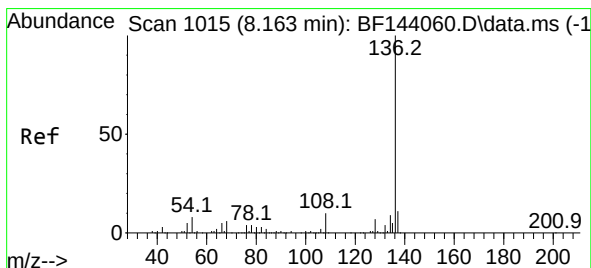
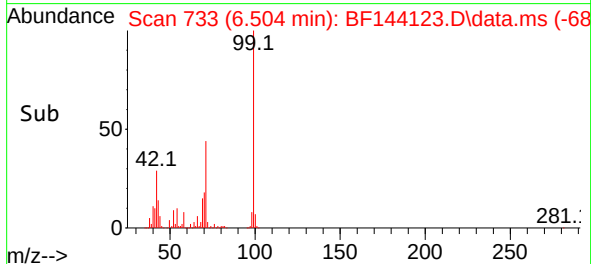
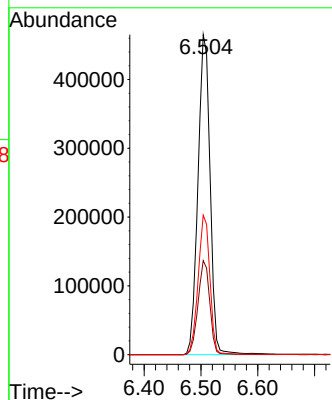
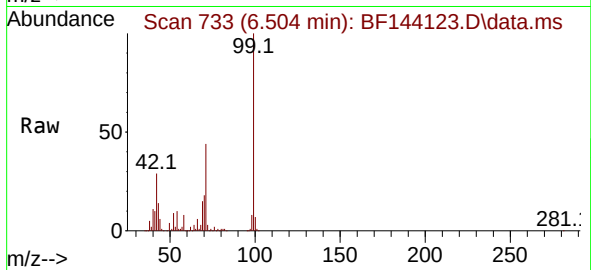




#7
Phenol-d6
Concen: 130.778 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144123.D
Acq: 29 Oct 2025 12:30

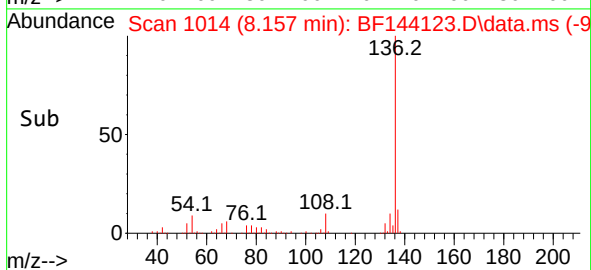
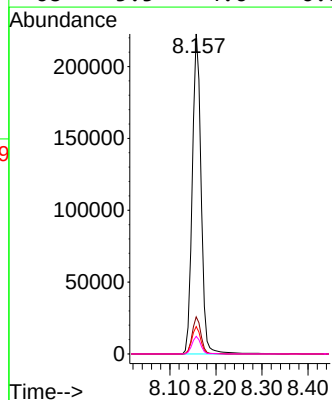
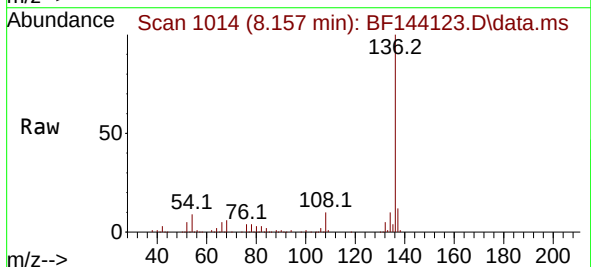
Instrument :
BNA_F
ClientSampleId :
PB170259BL

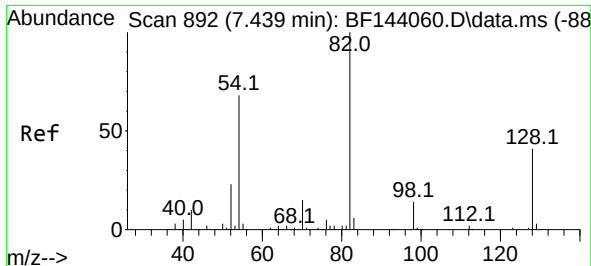
Tgt Ion: 99 Resp: 695458
Ion Ratio Lower Upper
99 100
42 29.4 23.9 35.9
71 43.6 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144123.D
Acq: 29 Oct 2025 12:30

Tgt Ion:136 Resp: 294890
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 8.6 6.6 9.8
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 87.007 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144123.D

Acq: 29 Oct 2025 12:30

Instrument :

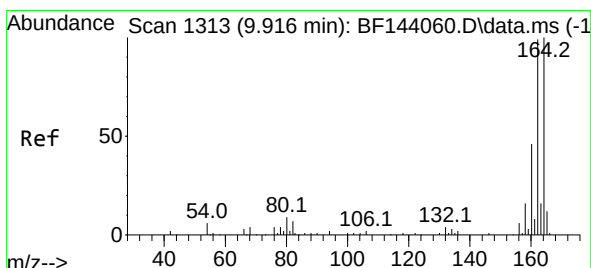
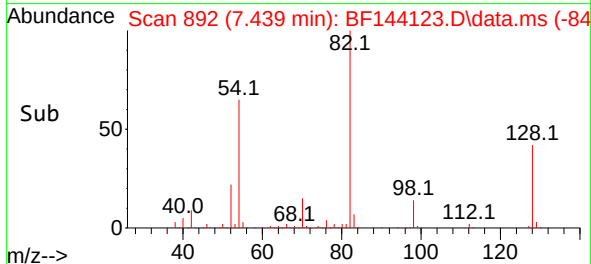
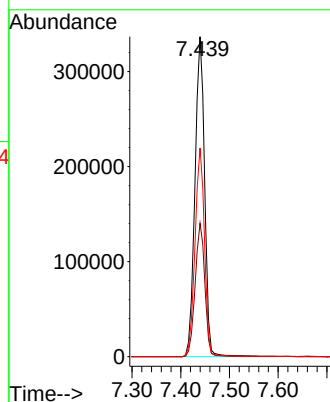
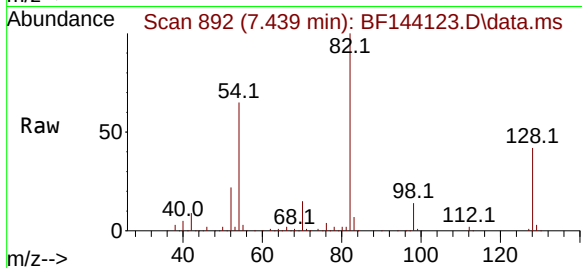
BNA_F

ClientSampleId :

PB170259BL

Tgt Ion: 82 Resp: 468312

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.4	48.6
54	65.2	54.0	81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

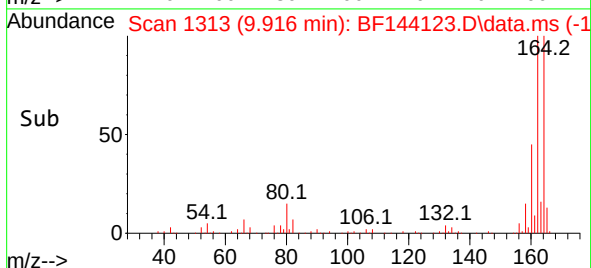
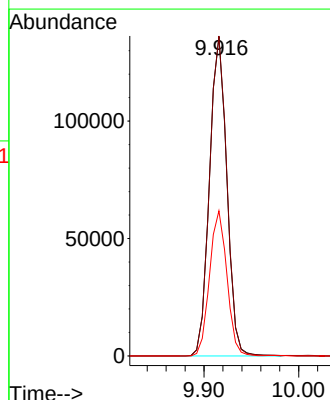
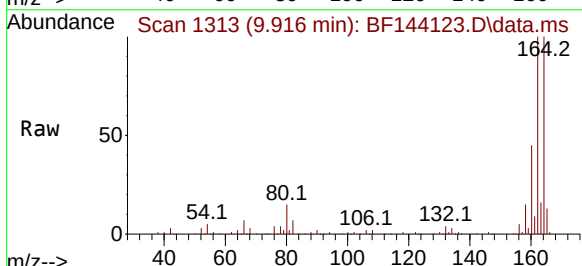
Delta R.T. 0.000 min

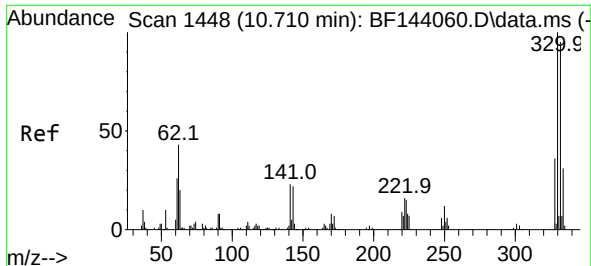
Lab File: BF144123.D

Acq: 29 Oct 2025 12:30

Tgt Ion:164 Resp: 172720

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.2
160	45.5	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 143.552 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144123.D

Acq: 29 Oct 2025 12:30

Instrument :

BNA_F

ClientSampleId :

PB170259BL

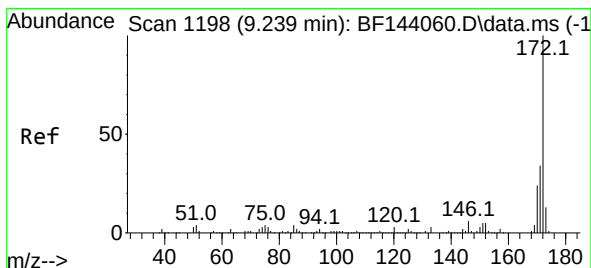
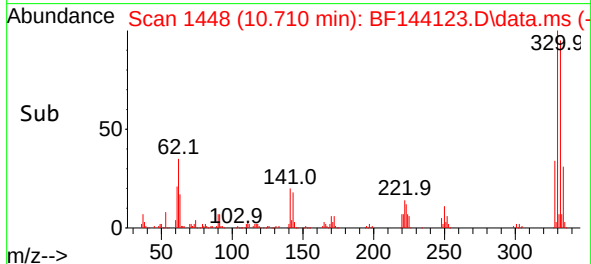
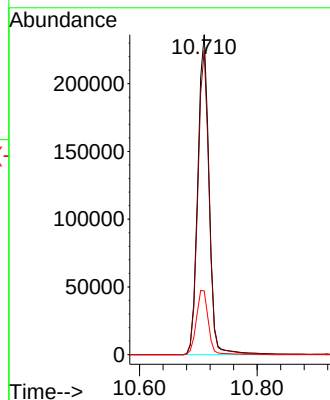
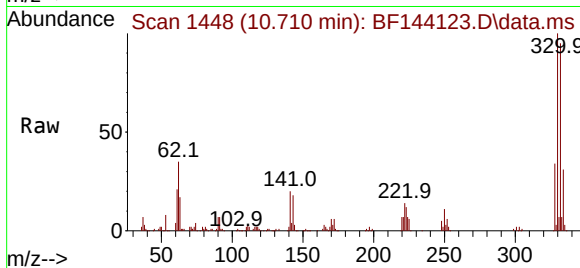
Tgt Ion:330 Resp: 315832

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

141 21.3 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 82.529 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144123.D

Acq: 29 Oct 2025 12:30

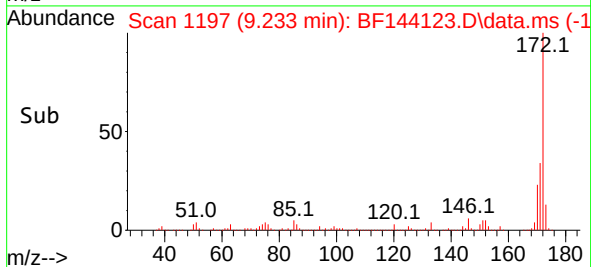
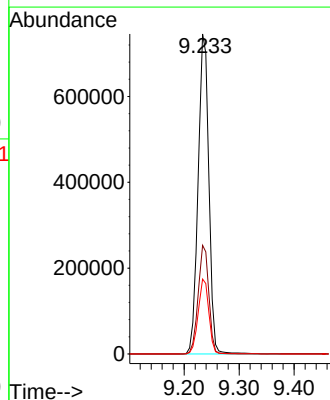
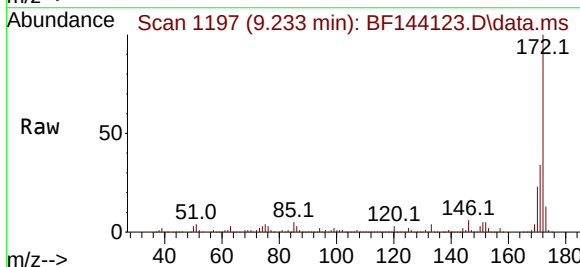
Tgt Ion:172 Resp: 1012950

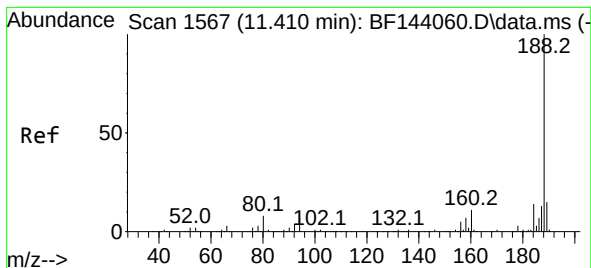
Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144123.D

Acq: 29 Oct 2025 12:30

Instrument :

BNA_F

ClientSampleId :

PB170259BL

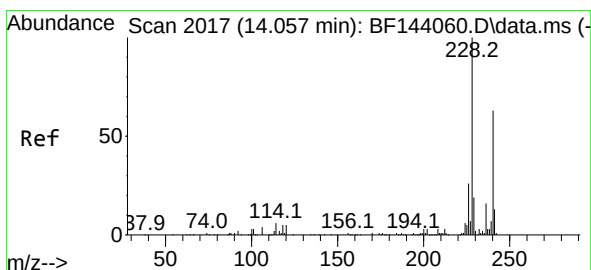
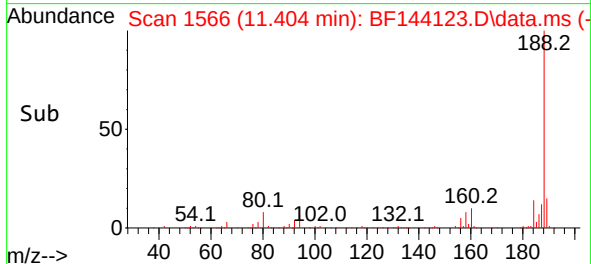
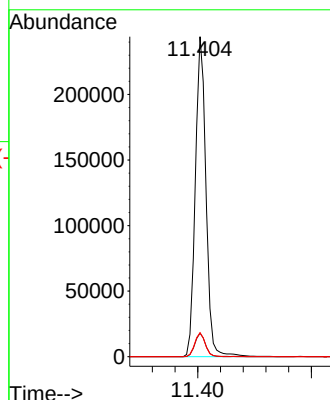
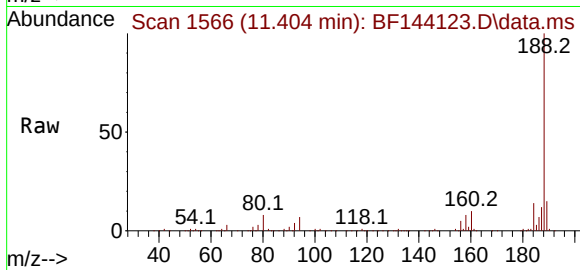
Tgt Ion:188 Resp: 319051

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.0

80 7.5 6.0 9.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144123.D

Acq: 29 Oct 2025 12:30

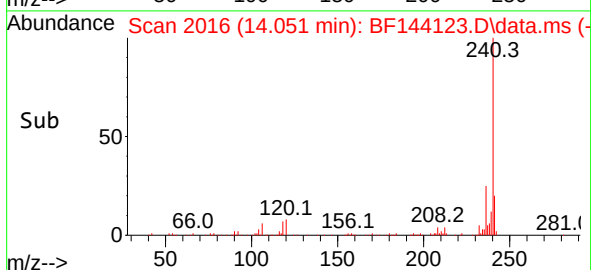
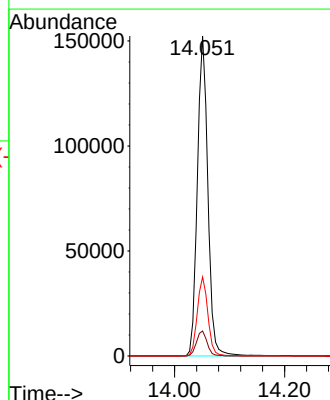
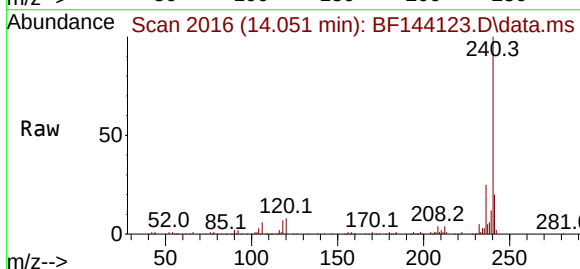
Tgt Ion:240 Resp: 201994

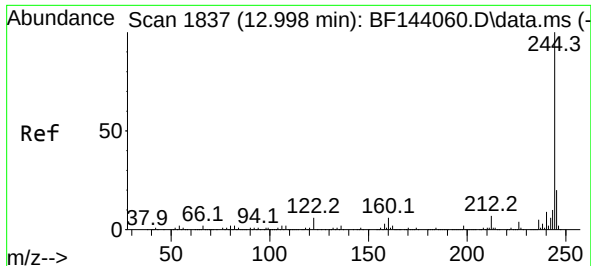
Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

236 24.7 20.1 30.1

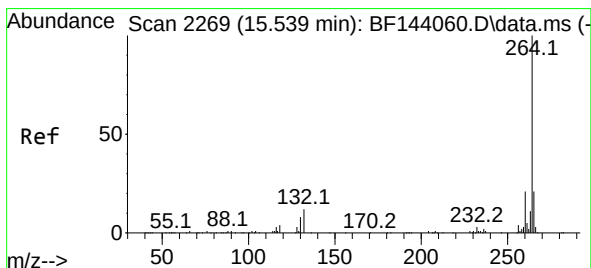
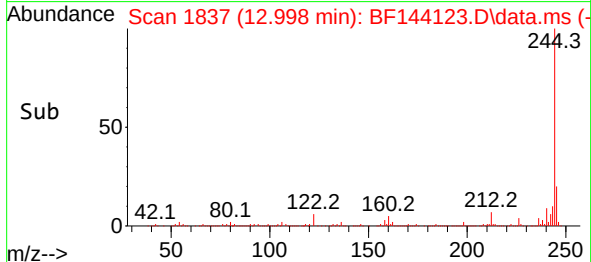
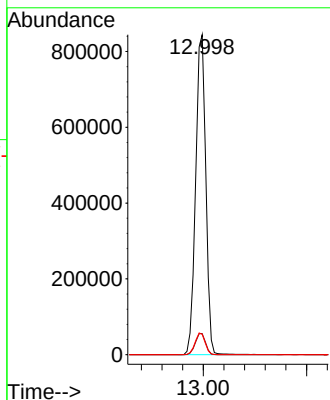
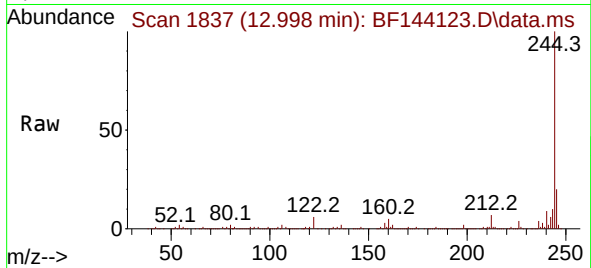




#79
 Terphenyl-d14
 Concen: 99.491 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF144123.D
 Acq: 29 Oct 2025 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB170259BL

Tgt Ion:244 Resp: 1149541
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 6.4 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144123.D
 Acq: 29 Oct 2025 12:30

Tgt Ion:264 Resp: 228196
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.0 25.4
 265 21.5 16.6 24.8

