

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143831.D
 Acq On : 30 Sep 2025 14:05
 Operator : RC/JU
 Sample : PB169880BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169880BL

Quant Time: Sep 30 14:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	156353	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	604209	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	316969	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	515687	20.000	ng	0.00
76) Chrysene-d12	14.057	240	433966	20.000	ng	0.00
86) Perylene-d12	15.539	264	601939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	986908	102.552	ng	0.00
7) Phenol-d6	6.504	99	1170601	105.276	ng	0.00
23) Nitrobenzene-d5	7.445	82	731091	74.066	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	511811	109.053	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1495704	73.636	ng	0.00
79) Terphenyl-d14	13.004	244	1957244	91.725	ng	0.00

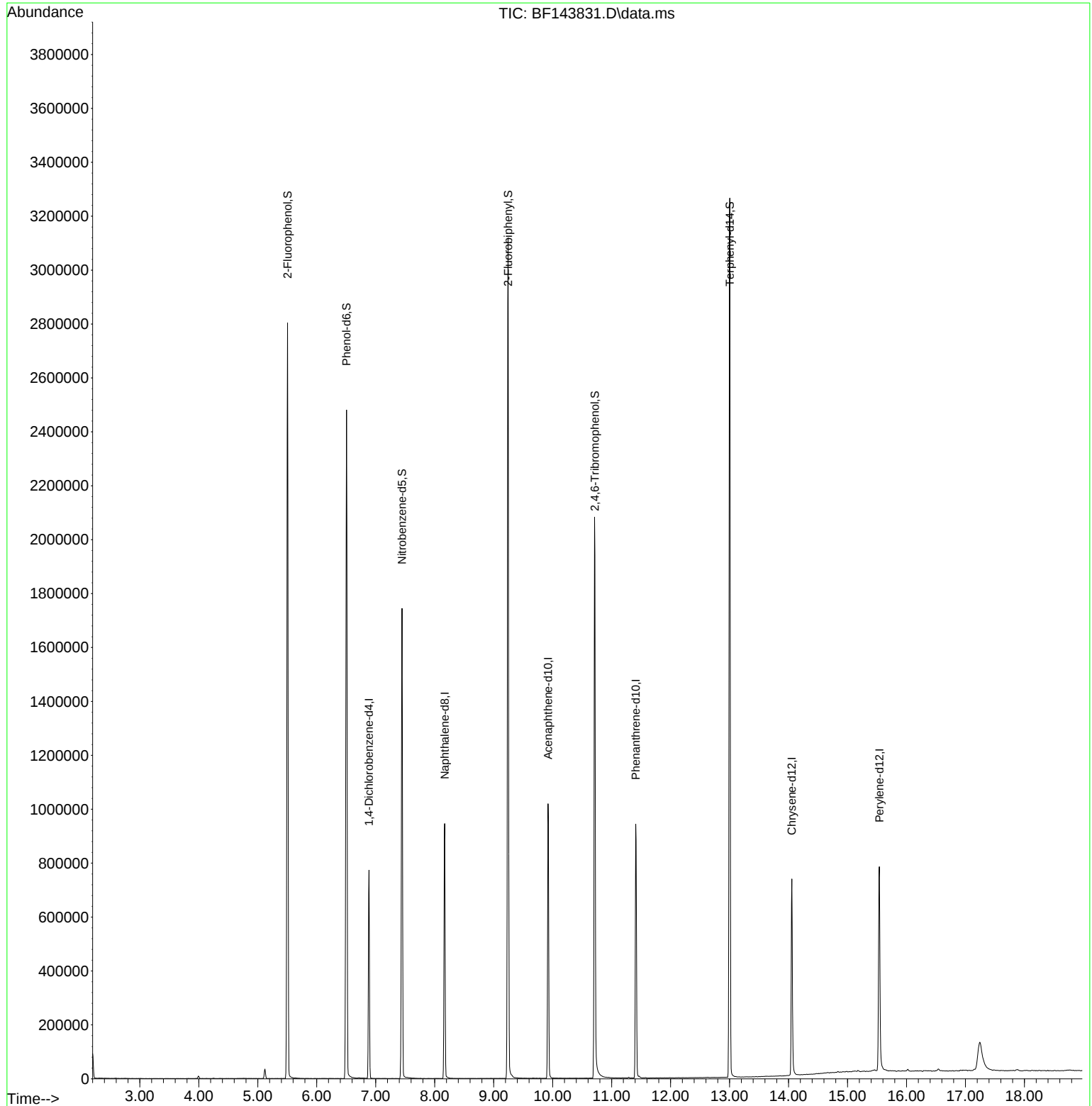
Target Compounds	Qvalue

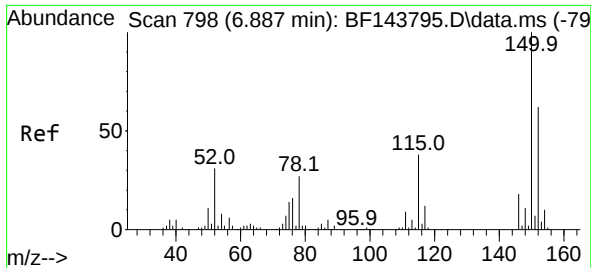
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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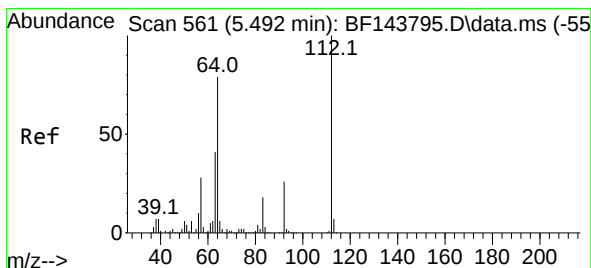
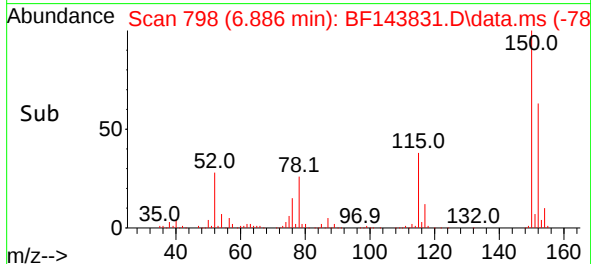
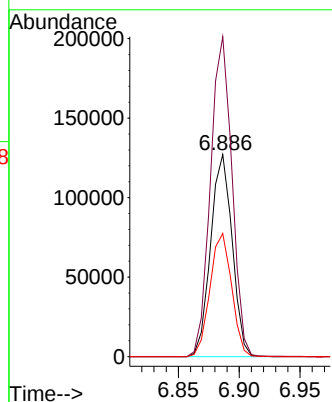
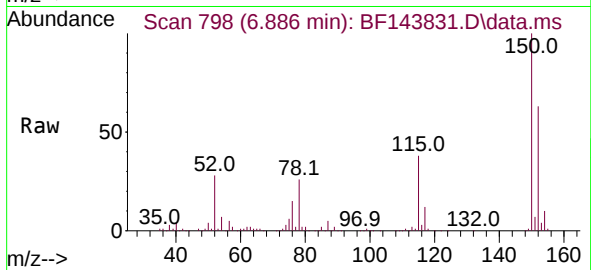




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 798
 Delta R.T. -0.001 min
 Lab File: BF143831.D
 Acq: 30 Sep 2025 14:05

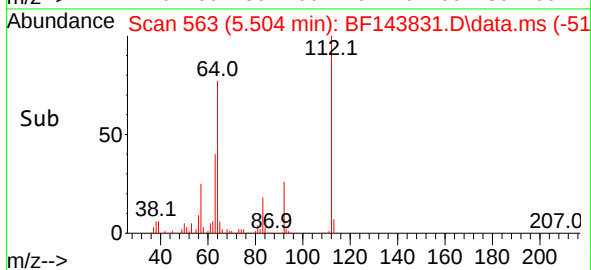
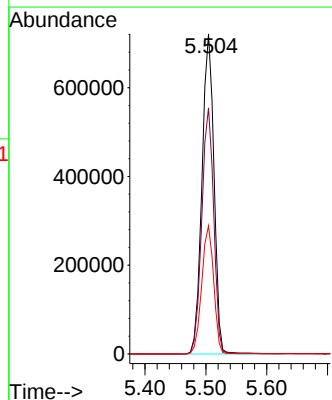
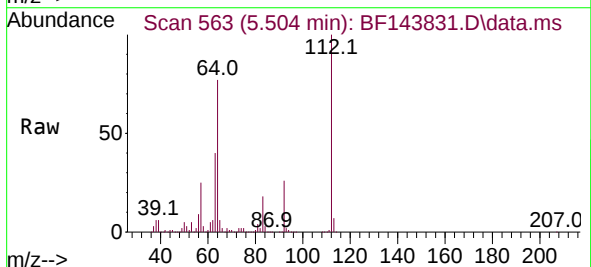
Instrument :
 BNA_F
 ClientSampleId :
 PB169880BL

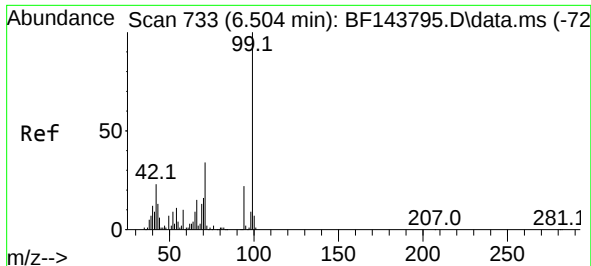
Tgt Ion:152 Resp: 156353
 Ion Ratio Lower Upper
 152 100
 150 158.4 129.6 194.4
 115 60.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 102.552 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF143831.D
 Acq: 30 Sep 2025 14:05

Tgt Ion:112 Resp: 986908
 Ion Ratio Lower Upper
 112 100
 64 76.9 63.0 94.4
 63 40.0 32.6 49.0

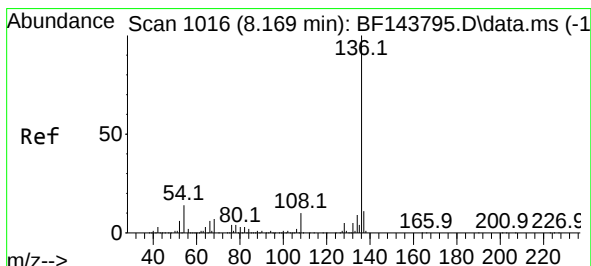
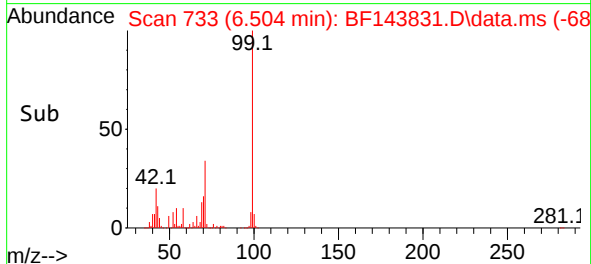
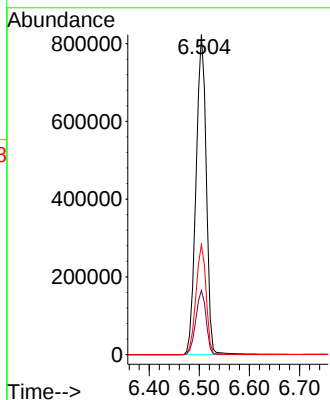
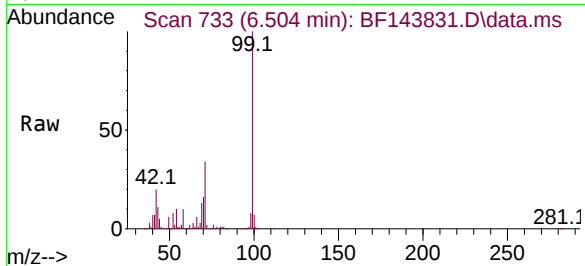




#7
Phenol-d6
Concen: 105.276 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

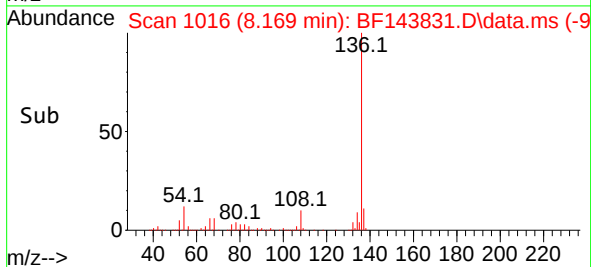
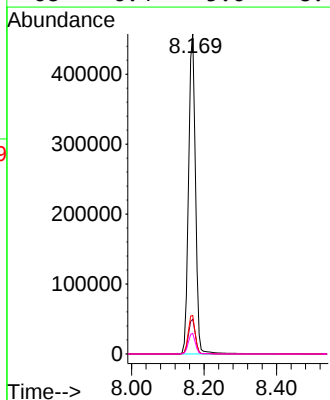
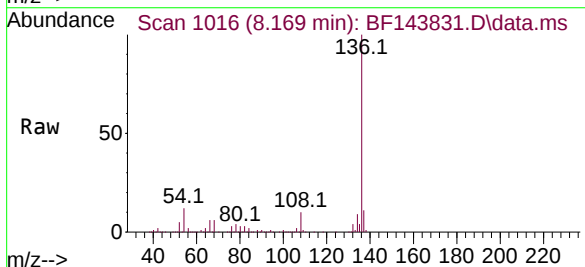
Instrument :
BNA_F
ClientSampleId :
PB169880BL

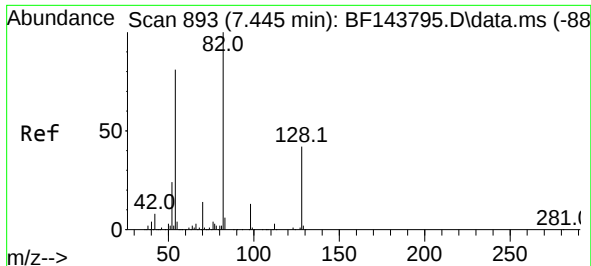
Tgt Ion: 99 Resp: 1170601
Ion Ratio Lower Upper
99 100
42 20.1 18.6 28.0
71 34.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion: 136 Resp: 604209
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 12.0 11.2 16.8
68 6.4 5.6 8.4

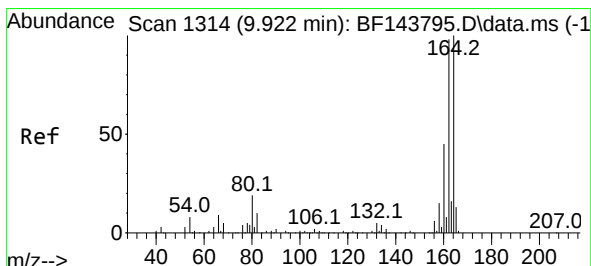
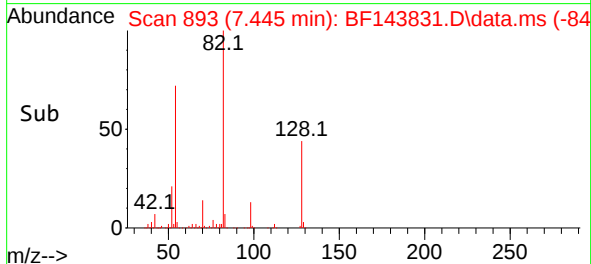
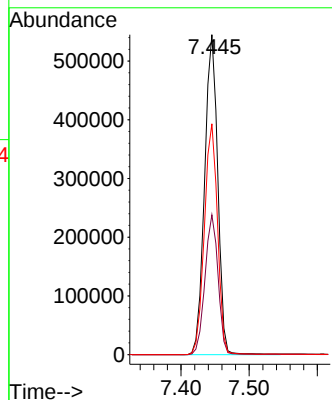
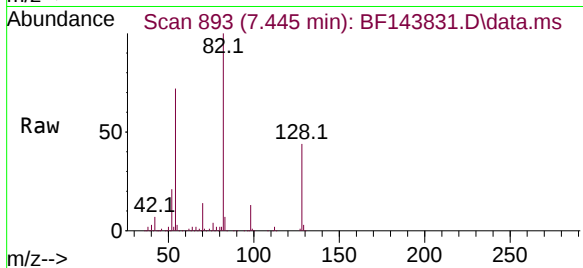




#23
Nitrobenzene-d5
Concen: 74.066 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

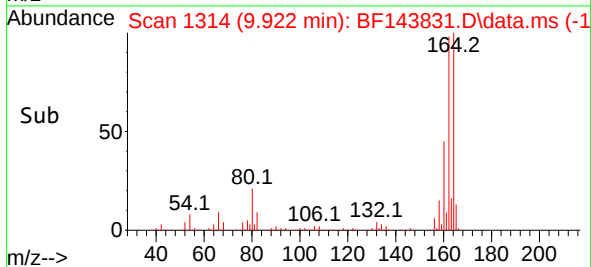
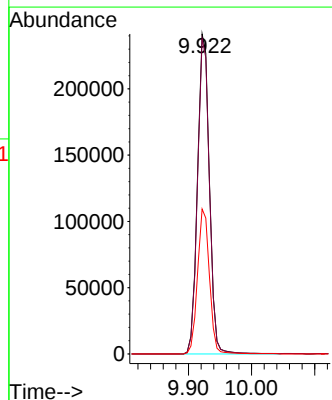
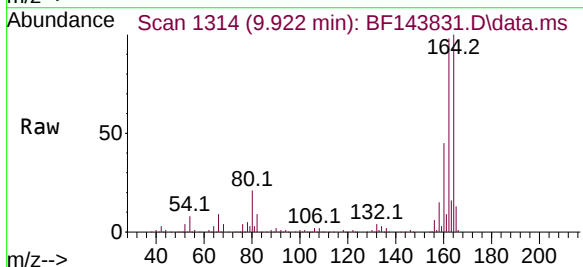
Instrument :
BNA_F
ClientSampleId :
PB169880BL

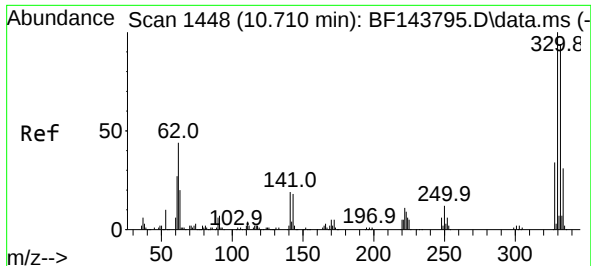
Tgt Ion: 82 Resp: 731091
Ion Ratio Lower Upper
82 100
128 43.7 33.3 49.9
54 72.1 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion: 164 Resp: 316969
Ion Ratio Lower Upper
164 100
162 98.4 78.8 118.2
160 45.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 109.053 ng

RT: 10.716 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF143831.D

Acq: 30 Sep 2025 14:05

Instrument :

BNA_F

ClientSampleId :

PB169880BL

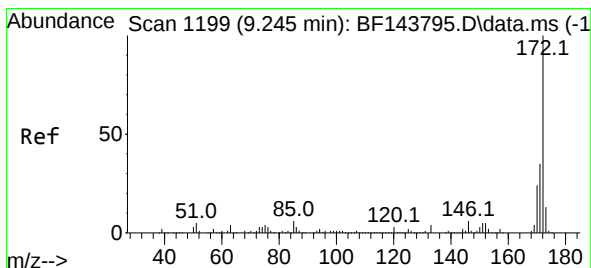
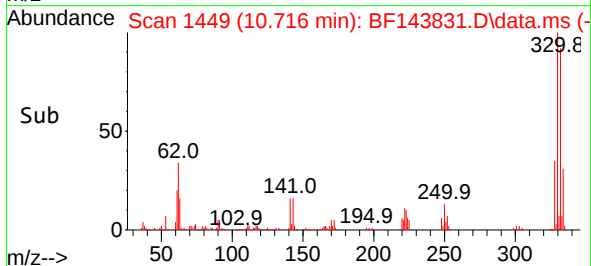
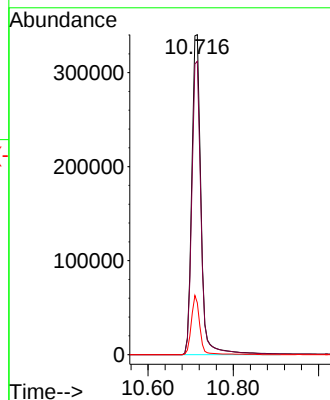
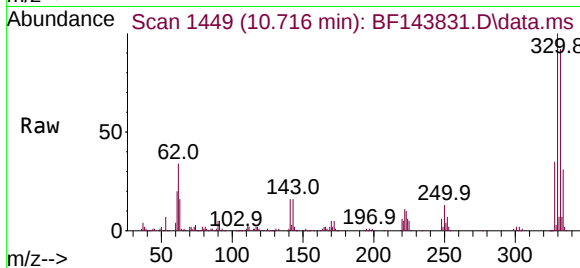
Tgt Ion:330 Resp: 511811

Ion Ratio Lower Upper

330 100

332 93.0 74.7 112.1

141 17.0 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 73.636 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143831.D

Acq: 30 Sep 2025 14:05

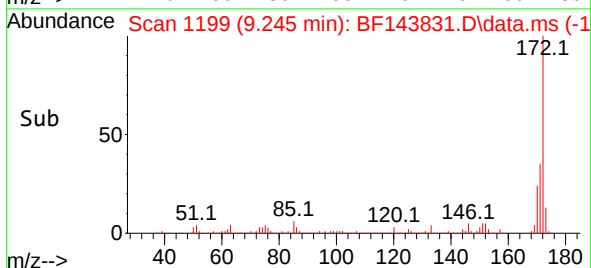
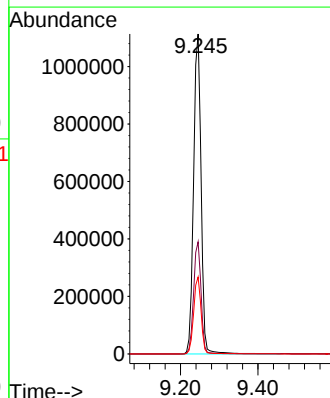
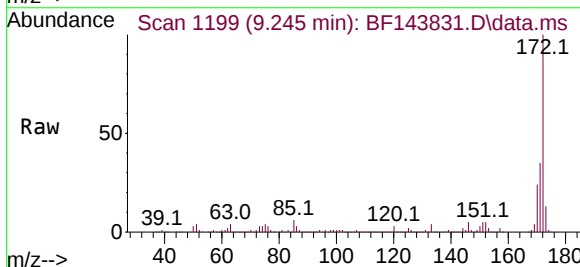
Tgt Ion:172 Resp: 1495704

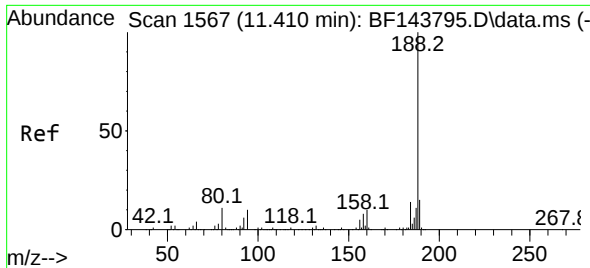
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 24.0 19.1 28.7

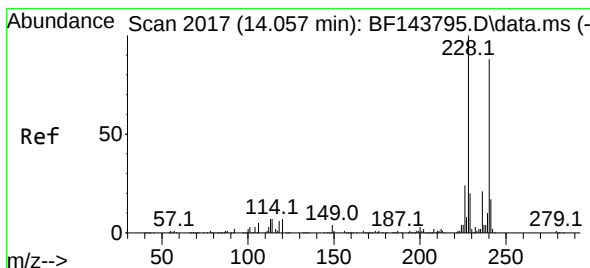
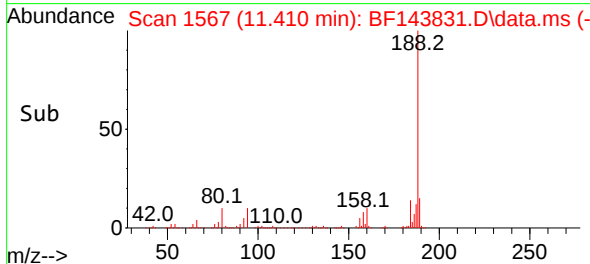
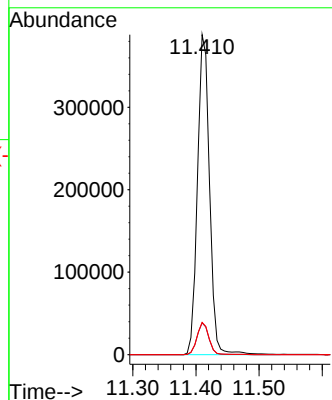
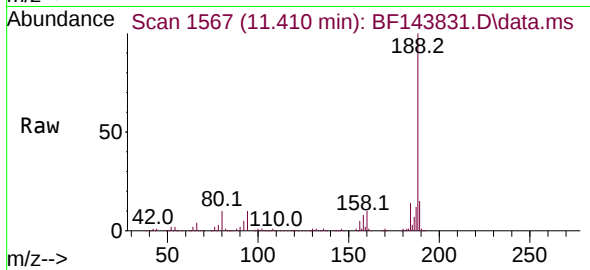




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

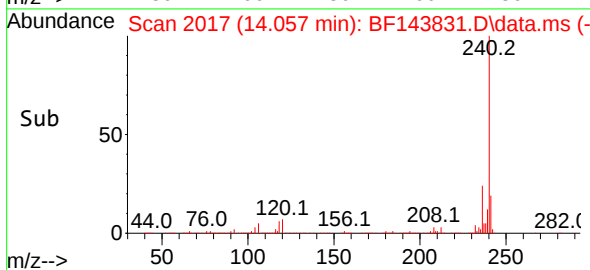
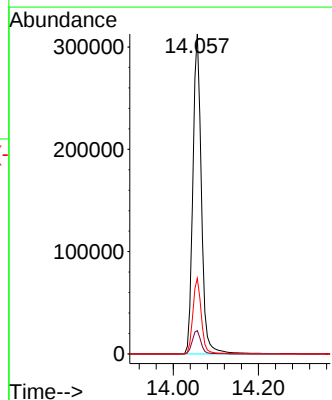
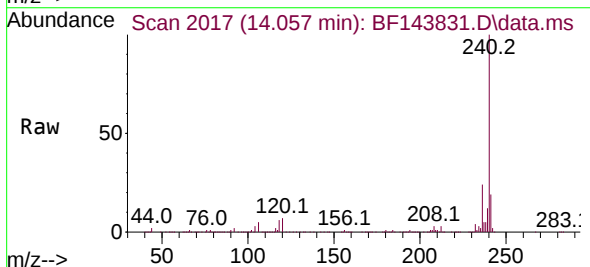
Instrument :
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PB169880BL

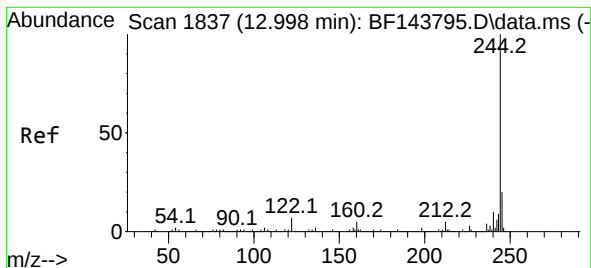
Tgt Ion:188 Resp: 515687
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion:240 Resp: 433966
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 23.6 19.4 29.2





#79

Terphenyl-d14

Concen: 91.725 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BF143831.D

Acq: 30 Sep 2025 14:05

Instrument :

BNA_F

ClientSampleId :

PB169880BL

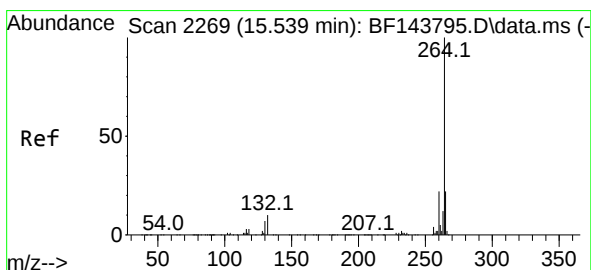
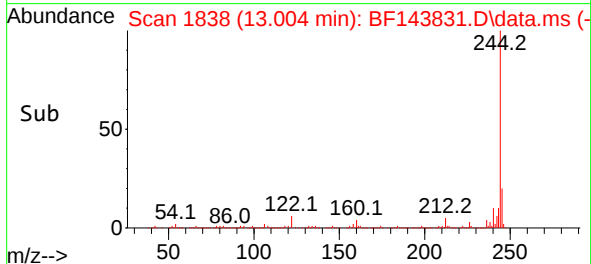
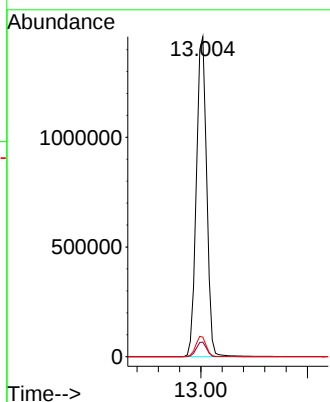
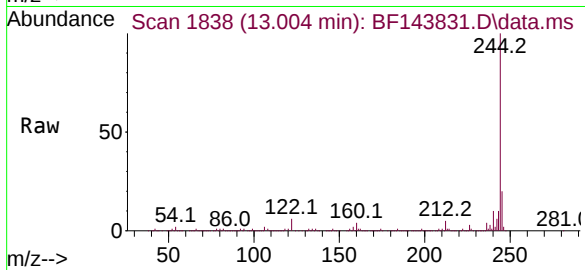
Tgt Ion:244 Resp: 1957244

Ion Ratio Lower Upper

244 100

212 4.5 3.9 5.9

122 6.1 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF143831.D

Acq: 30 Sep 2025 14:05

Tgt Ion:264 Resp: 601939

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 22.3 17.7 26.5

