

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143803.D
 Acq On : 25 Sep 2025 13:46
 Operator : RC/JU
 Sample : PB169827BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB169827BL

Quant Time: Sep 25 14:34:17 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	181119	40.000	ng	0.00
21) Naphthalene-d8	8.163	136	699988	40.000	ng	0.00
39) Acenaphthene-d10	9.922	164	382723	40.000	ng	0.00
64) Phenanthrene-d10	11.410	188	628340	40.000	ng	0.00
76) Chrysene-d12	14.051	240	557779	40.000	ng	-0.01
86) Perylene-d12	15.533	264	642668	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1350528	121.147	ng	0.01
7) Phenol-d6	6.504	99	1583008	122.899	ng	0.00
23) Nitrobenzene-d5	7.445	82	1057786	92.500	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	582036	102.709	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2019445	82.340	ng	0.00
79) Terphenyl-d14	13.004	244	2921898	106.537	ng	0.00

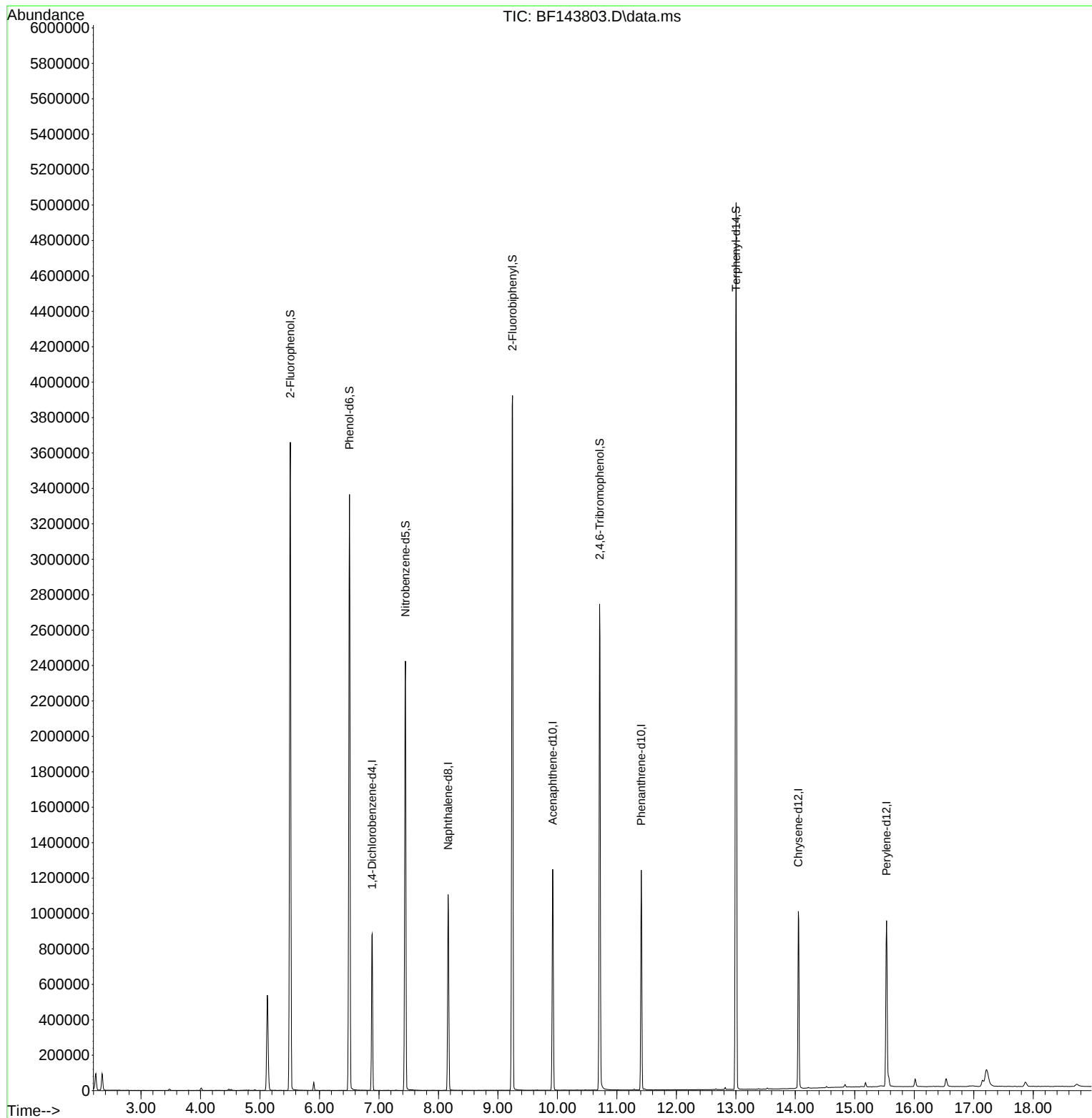
Target Compounds	Qvalue

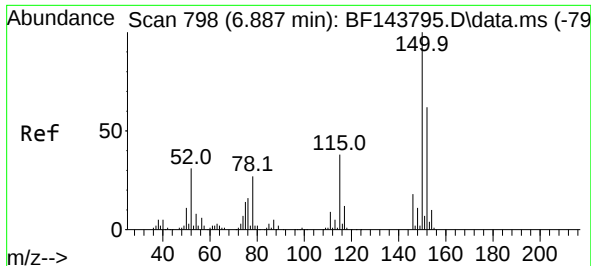
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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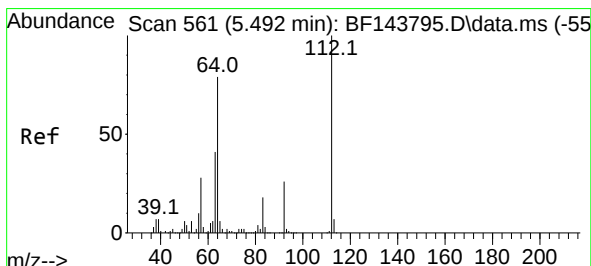
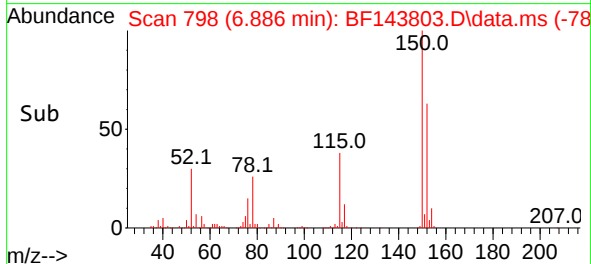
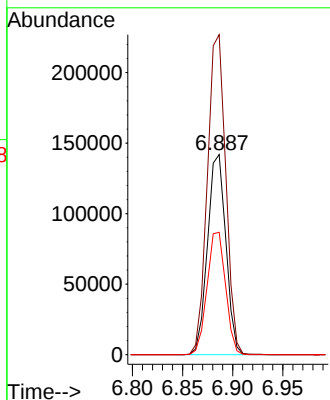
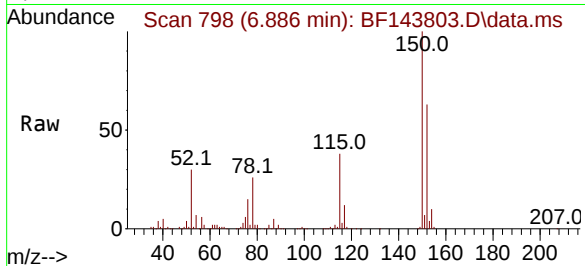




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.886 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: BF143803.D
 Acq: 25 Sep 2025 13:46

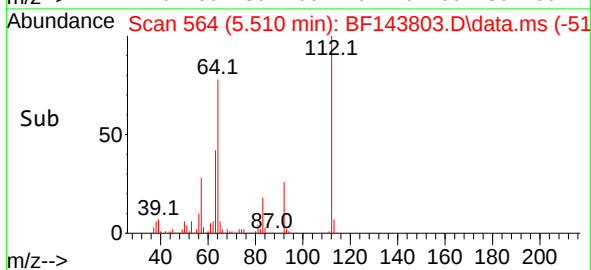
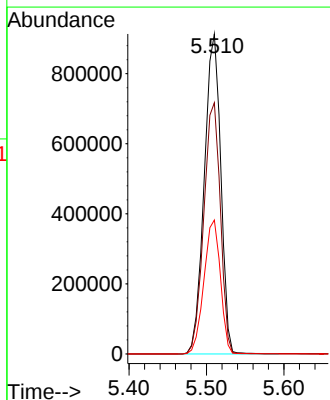
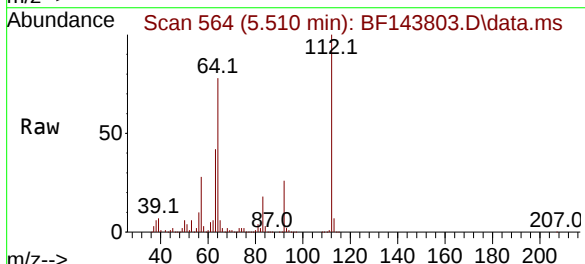
Instrument :
 BNA_F
 ClientSampleId :
 PB169827BL

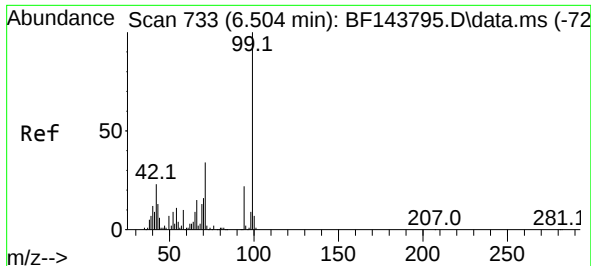
Tgt Ion:152 Resp: 181119
 Ion Ratio Lower Upper
 152 100
 150 159.9 129.6 194.4
 115 61.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 121.147 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF143803.D
 Acq: 25 Sep 2025 13:46

Tgt Ion:112 Resp: 1350528
 Ion Ratio Lower Upper
 112 100
 64 78.5 63.0 94.4
 63 41.8 32.6 49.0

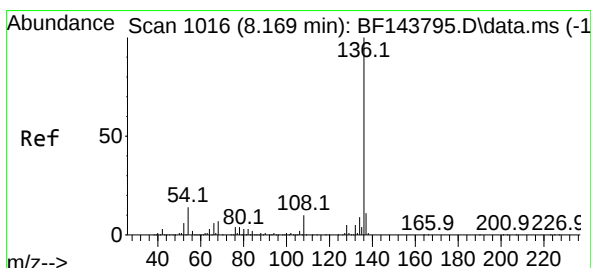
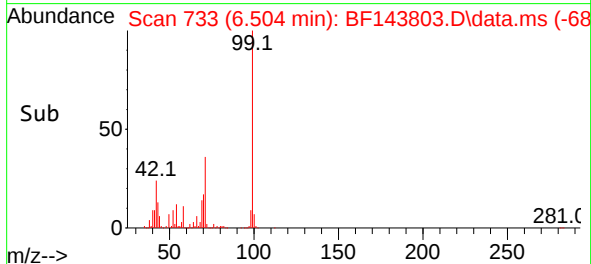
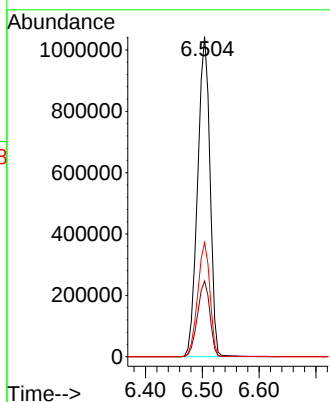
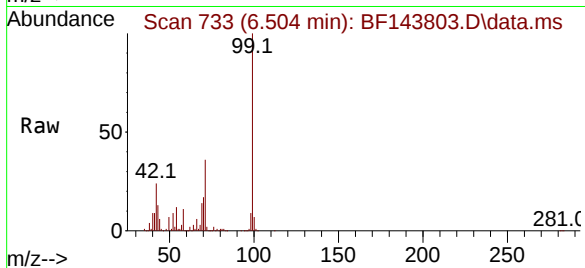




#7
Phenol-d6
Concen: 122.899 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

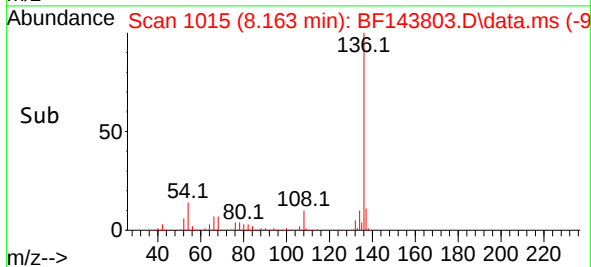
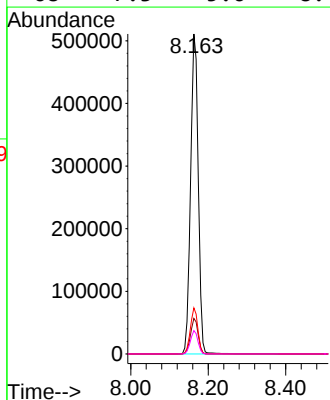
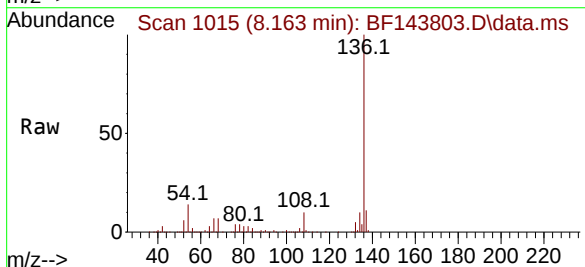
Instrument :
BNA_F
ClientSampleId :
PB169827BL

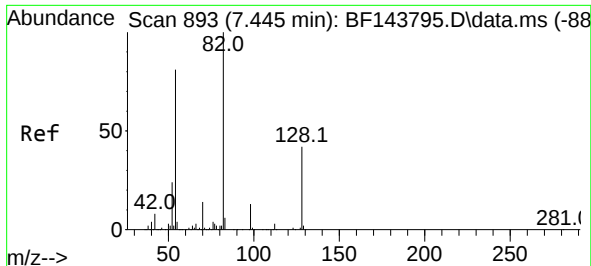
Tgt Ion: 99 Resp: 1583008
Ion Ratio Lower Upper
99 100
42 23.7 18.6 28.0
71 35.6 27.0 40.4



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion:136 Resp: 699988
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 14.4 11.2 16.8
68 7.3 5.6 8.4

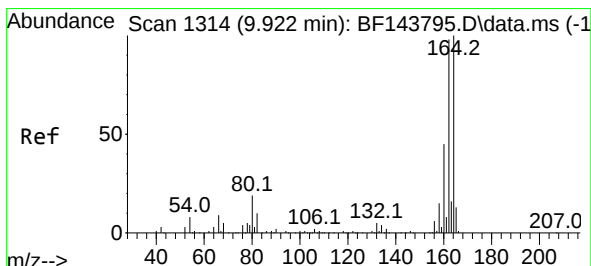
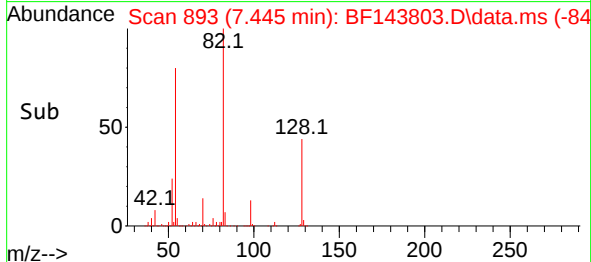
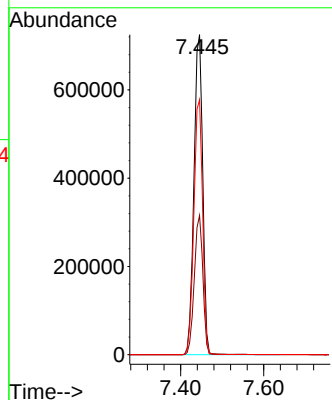
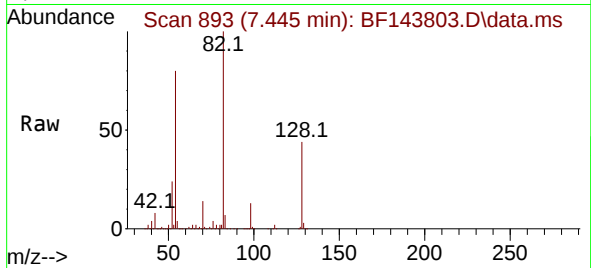




#23
Nitrobenzene-d5
Concen: 92.500 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

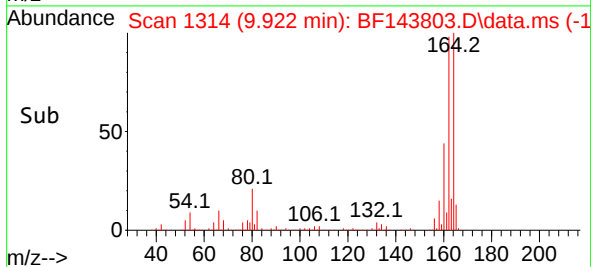
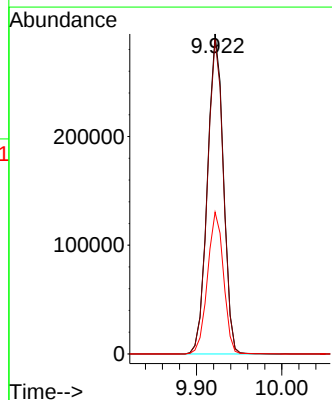
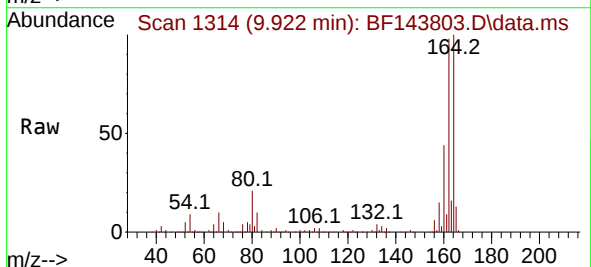
Instrument :
BNA_F
ClientSampleId :
PB169827BL

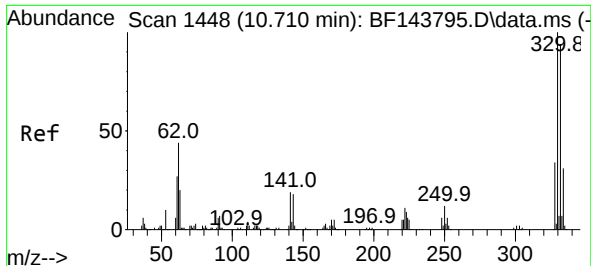
Tgt Ion: 82 Resp: 1057786
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 79.6 64.2 96.4



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143803.D
Acq: 25 Sep 2025 13:46

Tgt Ion: 164 Resp: 382723
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 102.709 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143803.D

Acq: 25 Sep 2025 13:46

Instrument :

BNA_F

ClientSampleId :

PB169827BL

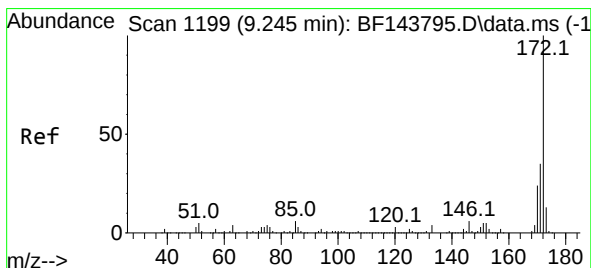
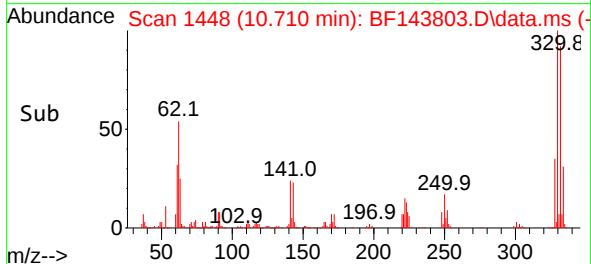
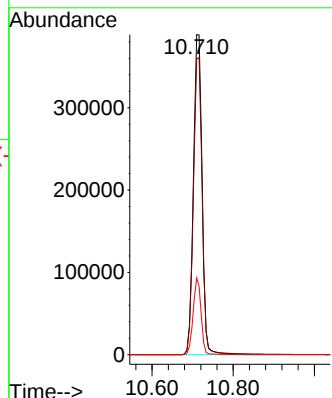
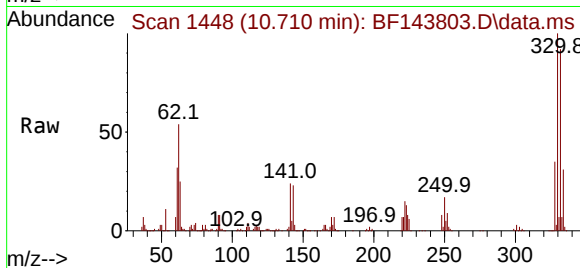
Tgt Ion:330 Resp: 582036

Ion Ratio Lower Upper

330 100

332 93.1 74.7 112.1

141 21.7 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 82.340 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143803.D

Acq: 25 Sep 2025 13:46

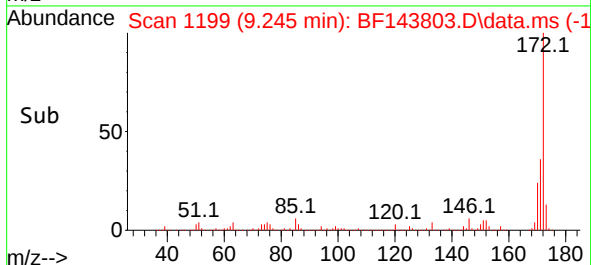
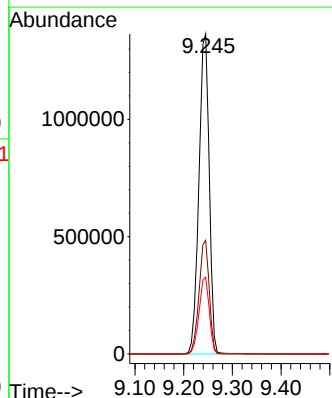
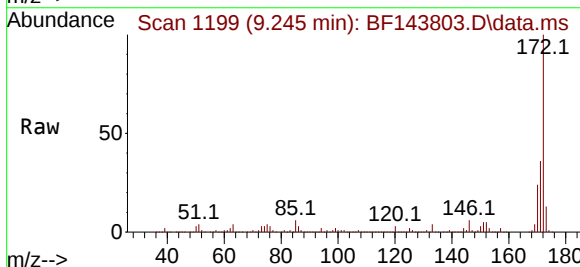
Tgt Ion:172 Resp: 2019445

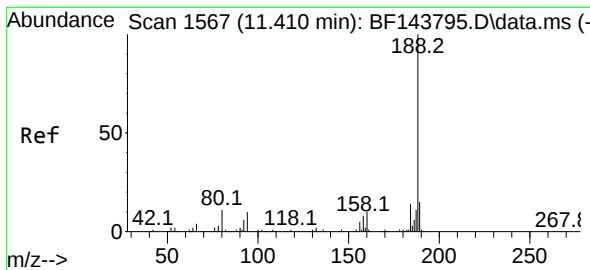
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143803.D

Acq: 25 Sep 2025 13:46

Instrument :

BNA_F

ClientSampleId :

PB169827BL

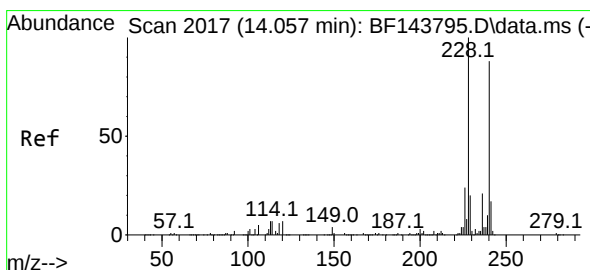
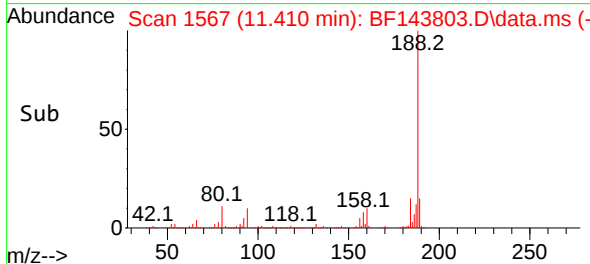
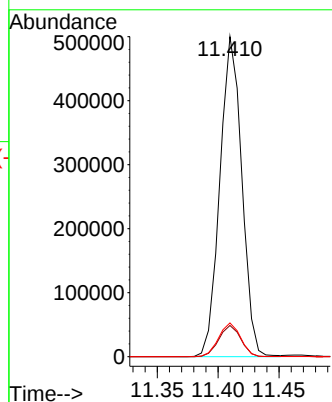
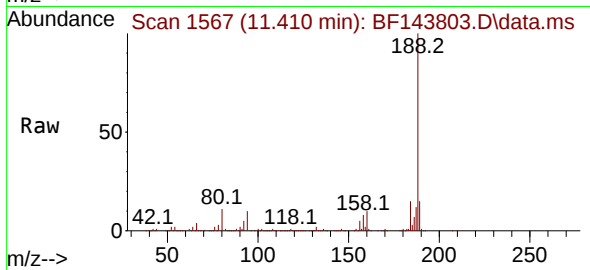
Tgt Ion:188 Resp: 628340

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 10.5 8.6 12.8



#76

Chrysene-d12

Concen: 40.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF143803.D

Acq: 25 Sep 2025 13:46

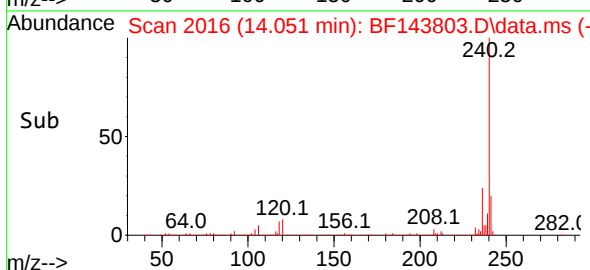
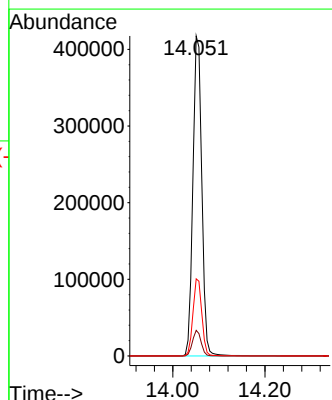
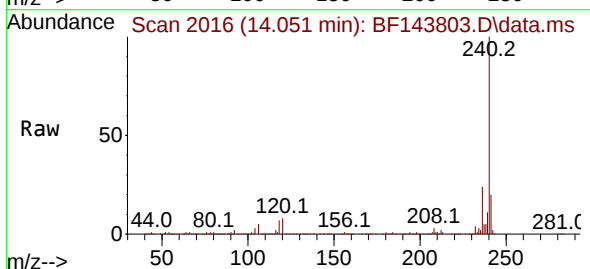
Tgt Ion:240 Resp: 557779

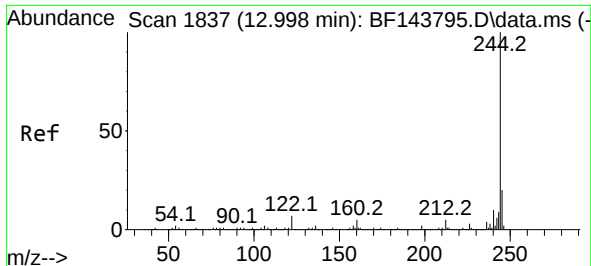
Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.4

236 24.1 19.4 29.2

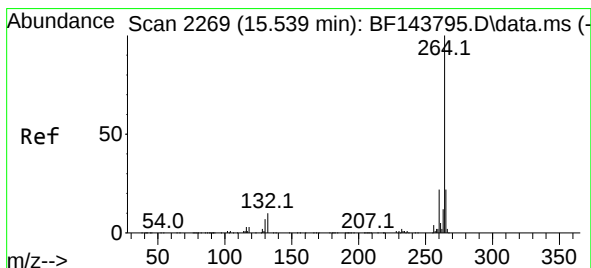
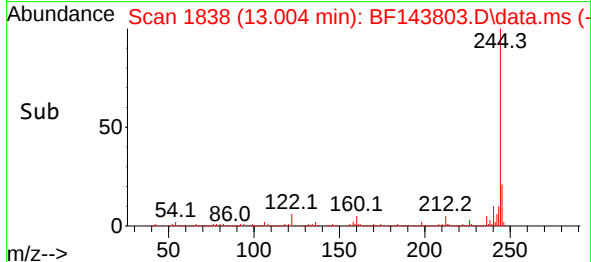
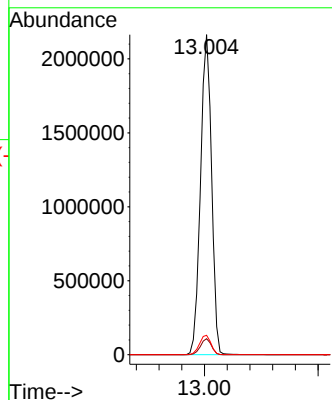
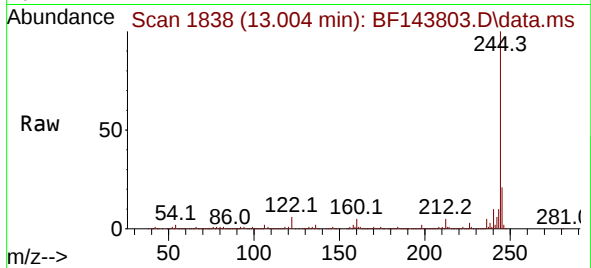




#79
 Terphenyl-d14
 Concen: 106.537 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF143803.D
 Acq: 25 Sep 2025 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB169827BL

Tgt Ion:244 Resp: 2921898
 Ion Ratio Lower Upper
 244 100
 212 5.0 3.9 5.9
 122 6.0 5.6 8.4



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143803.D
 Acq: 25 Sep 2025 13:46

Tgt Ion:264 Resp: 642668
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.9 26.9
 265 22.3 17.7 26.5

