

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143863.D
 Acq On : 02 Oct 2025 19:09
 Operator : RC/JU
 Sample : Q3266-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FT

Quant Time: Oct 03 01:26:58 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	6.881	152	126293	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	481036	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	258523	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	433428	20.000	ng	0.00
76) Chrysene-d12	14.051	240	360731	20.000	ng	-0.01
86) Perylene-d12	15.533	264	444342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	573216	73.742	ng	0.00
7) Phenol-d6	6.498	99	682521	75.991	ng	-0.01
23) Nitrobenzene-d5	7.440	82	418579	53.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	208208	54.393	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	757353	45.715	ng	0.00
79) Terphenyl-d14	12.998	244	1030370	58.091	ng	0.00

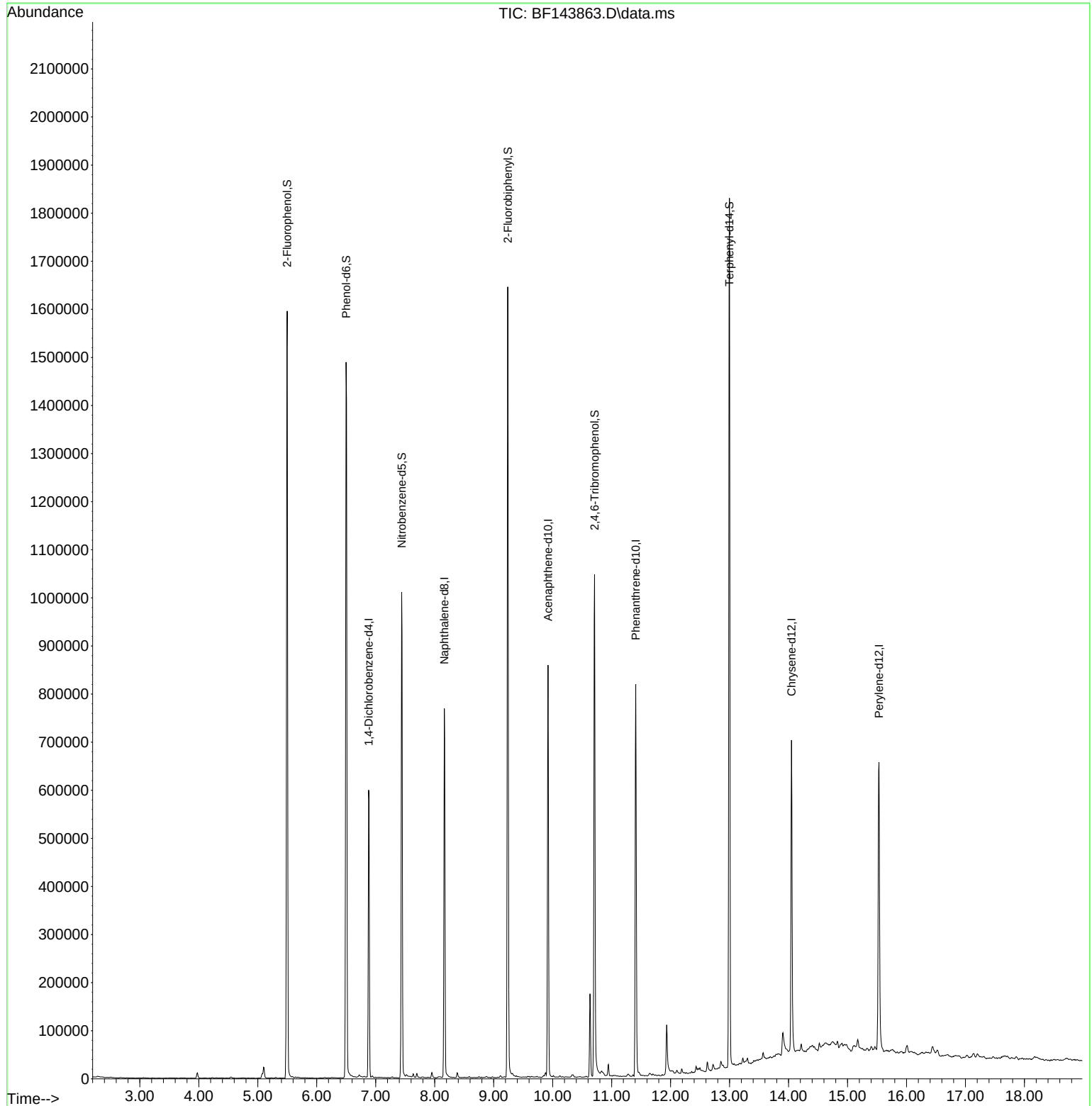
Target Compounds	Qvalue

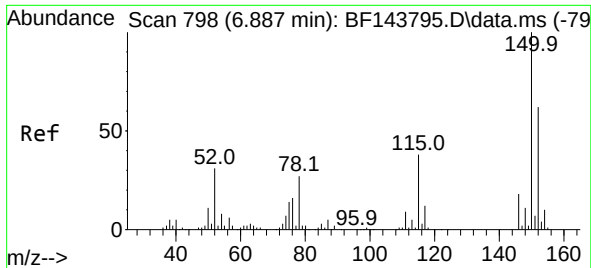
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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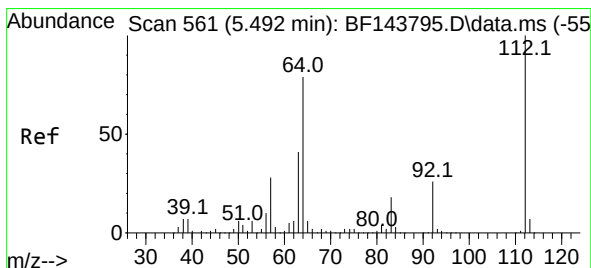
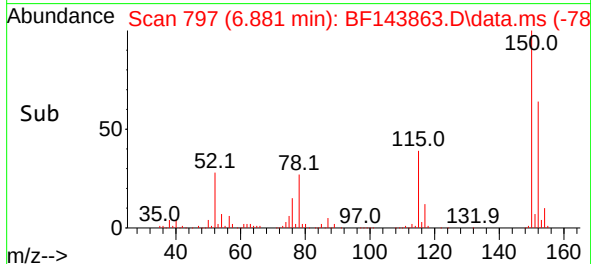
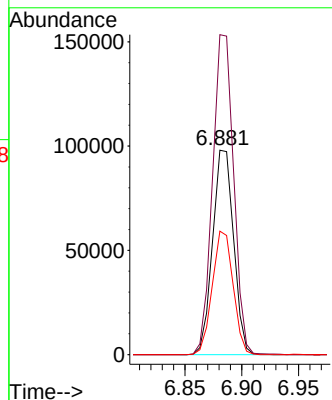
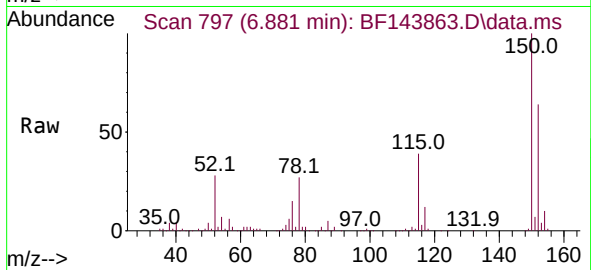




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

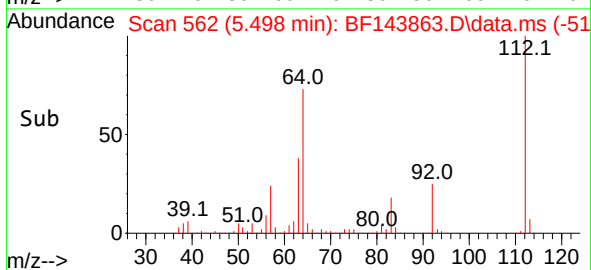
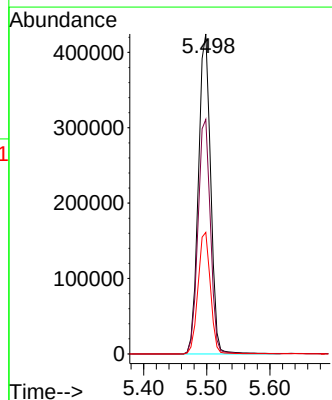
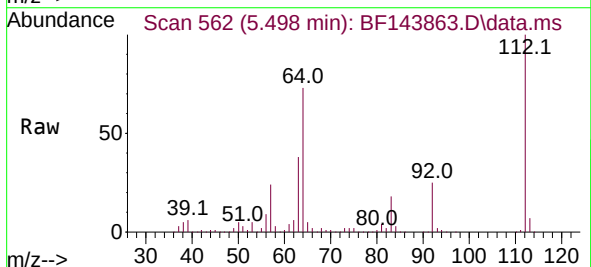
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

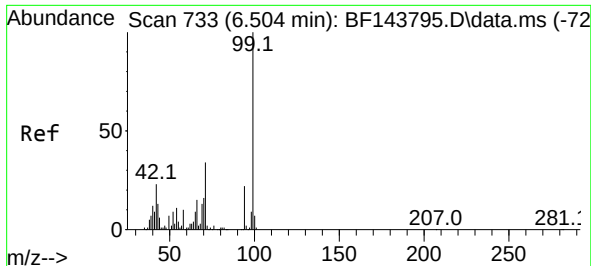
Tgt Ion:152 Resp: 126293
Ion Ratio Lower Upper
152 100
150 156.5 129.6 194.4
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 73.742 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

Tgt Ion:112 Resp: 573216
Ion Ratio Lower Upper
112 100
64 73.3 63.0 94.4
63 38.0 32.6 49.0

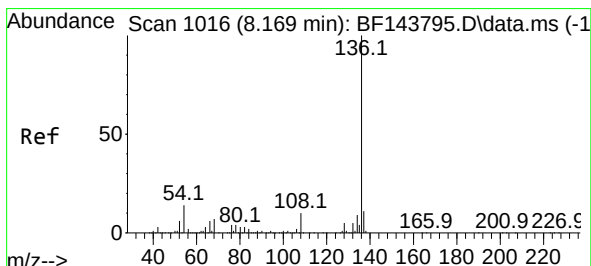
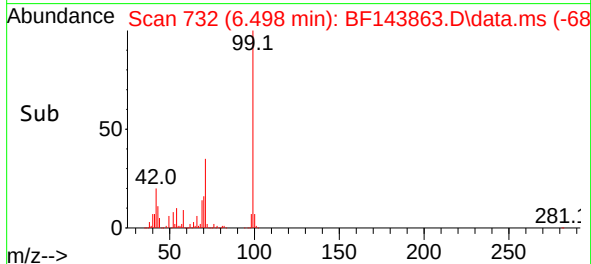
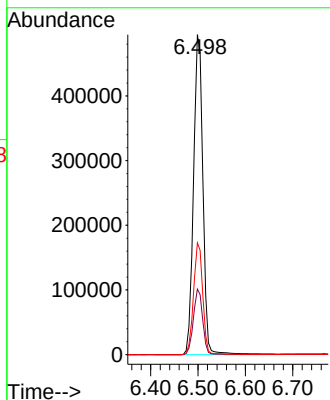
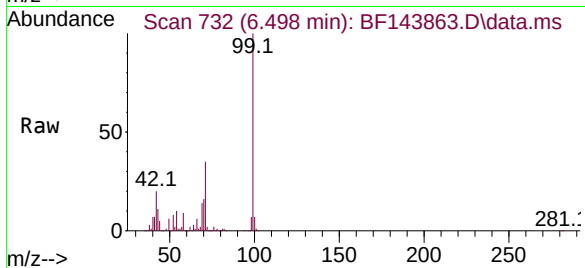




#7
Phenol-d6
Concen: 75.991 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

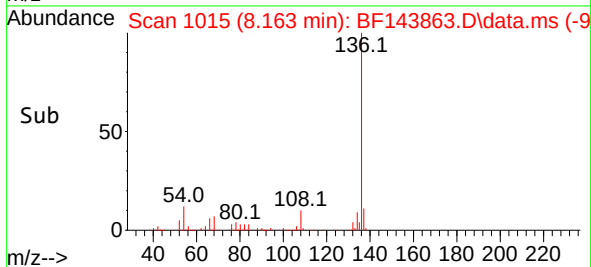
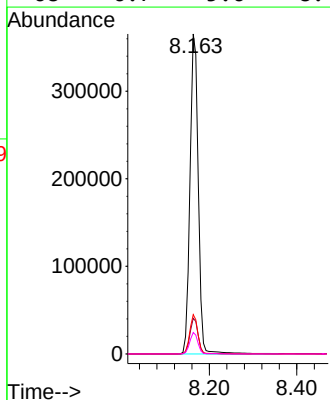
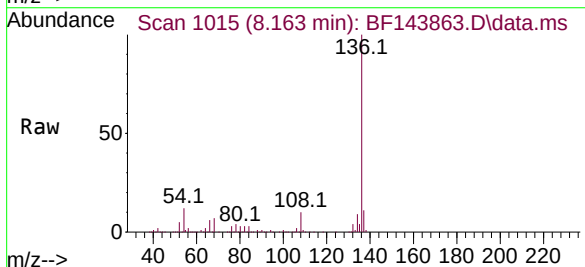
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

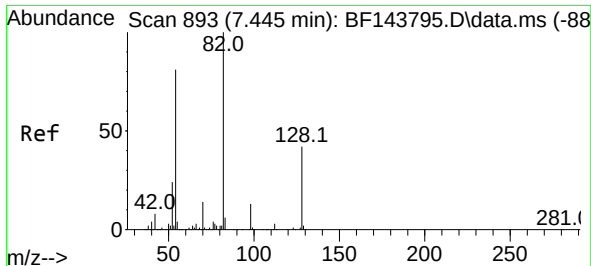
Tgt Ion:	99	Resp:	682521
Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.6	28.0
71	34.9	27.0	40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

Tgt Ion:	136	Resp:	481036
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	12.3	11.2	16.8
68	6.7	5.6	8.4

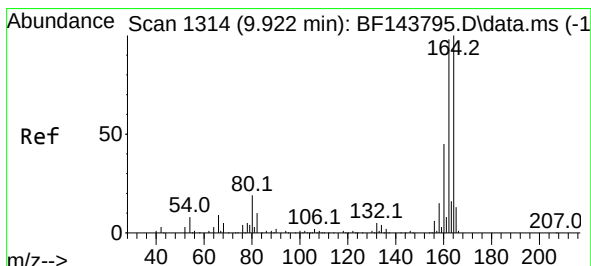
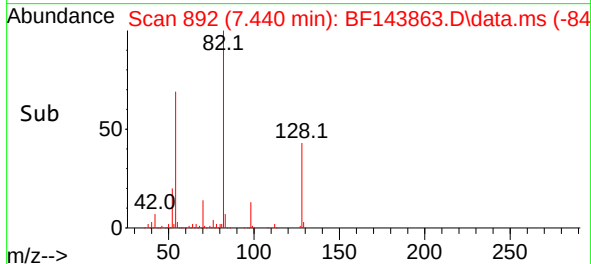
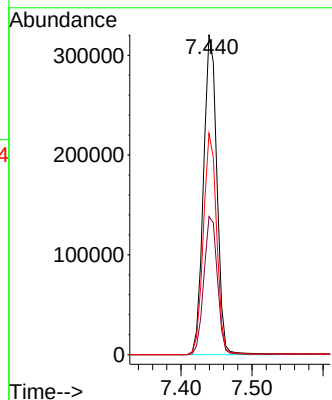
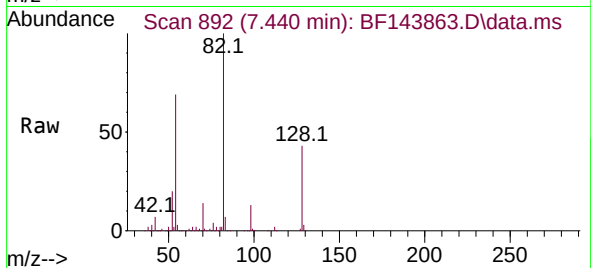




#23
Nitrobenzene-d5
Concen: 53.264 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.011 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

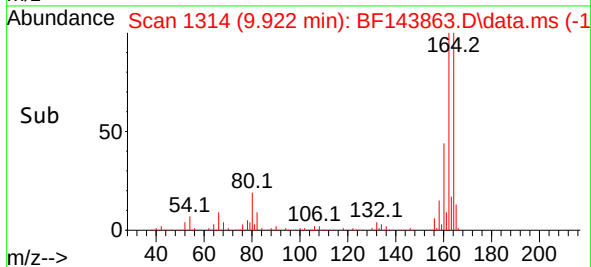
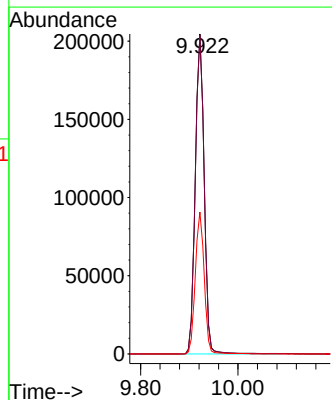
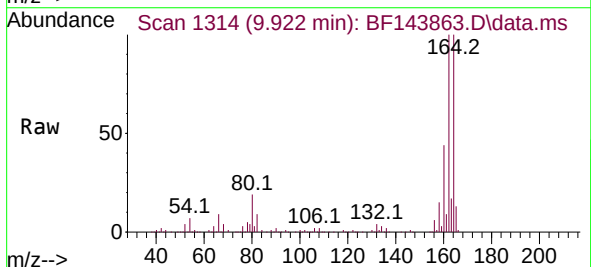
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

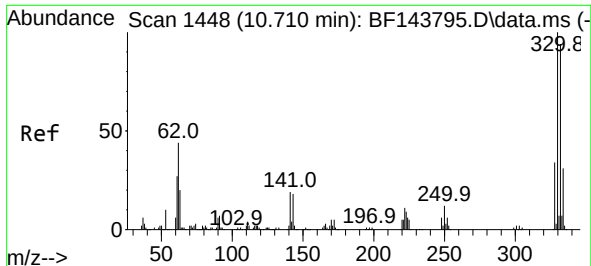
Tgt Ion: 82 Resp: 418579
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 69.1 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

Tgt Ion: 164 Resp: 258523
Ion Ratio Lower Upper
164 100
162 99.6 78.8 118.2
160 44.3 35.8 53.6

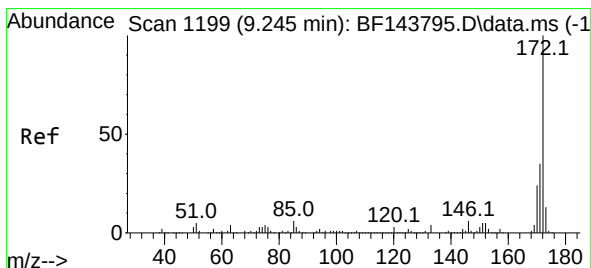
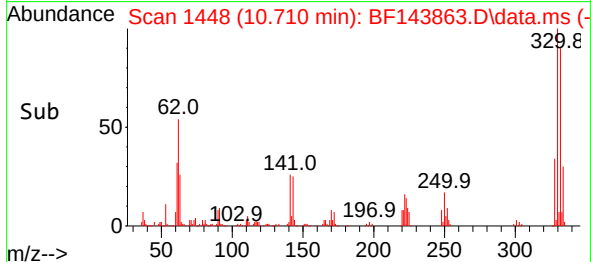
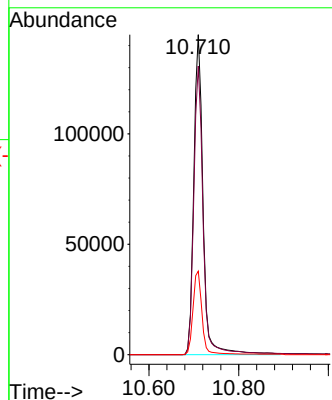
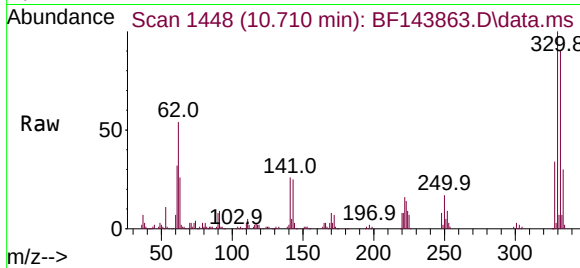




#42
2,4,6-Tribromophenol
Concen: 54.393 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

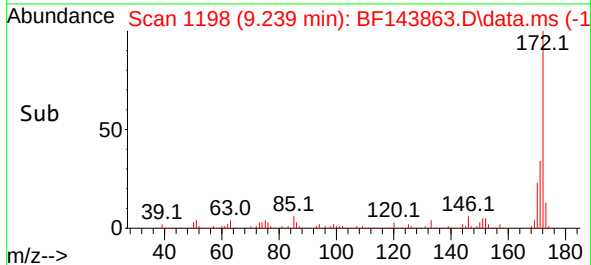
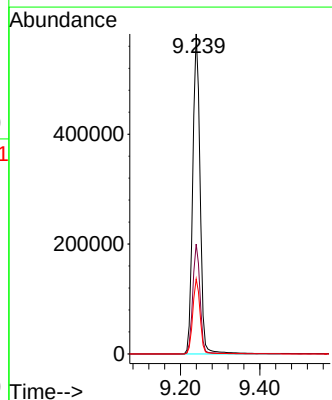
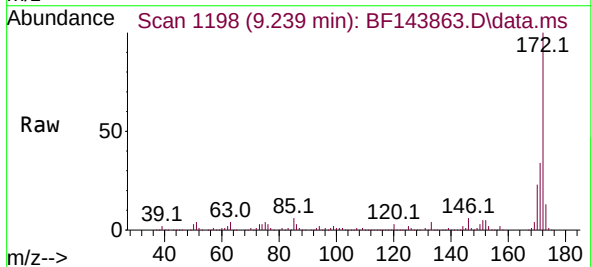
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

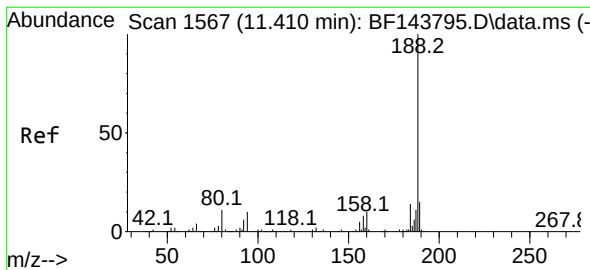
Tgt Ion: 330 Resp: 208208
Ion Ratio Lower Upper
330 100
332 91.7 74.7 112.1
141 25.3 14.3 21.5#



#45
2-Fluorobiphenyl
Concen: 45.715 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

Tgt Ion: 172 Resp: 757353
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143863.D

Acq: 02 Oct 2025 19:09

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FT

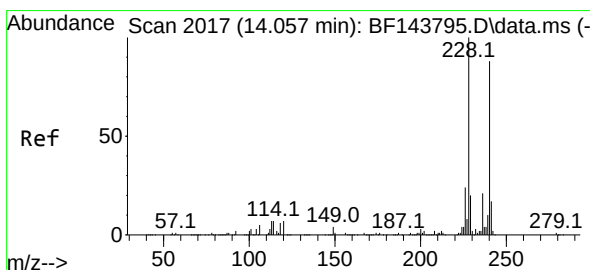
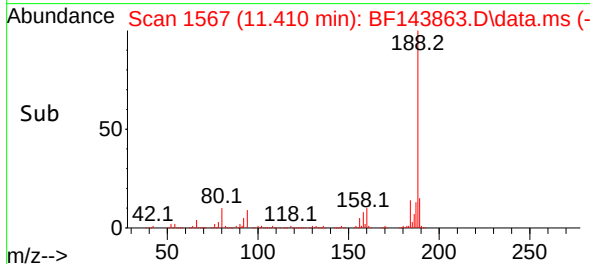
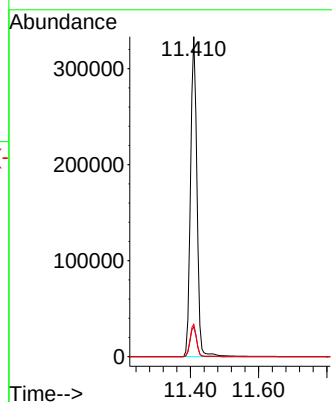
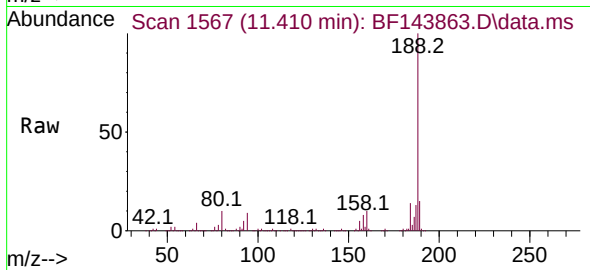
Tgt Ion:188 Resp: 433428

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 10.1 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF143863.D

Acq: 02 Oct 2025 19:09

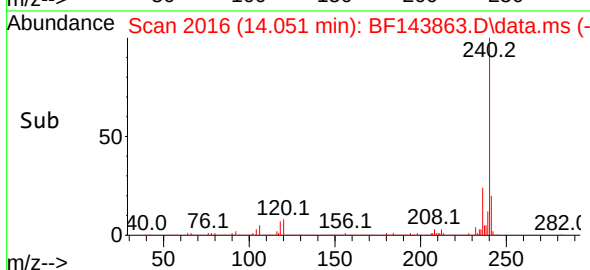
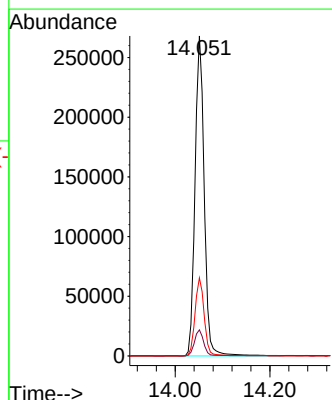
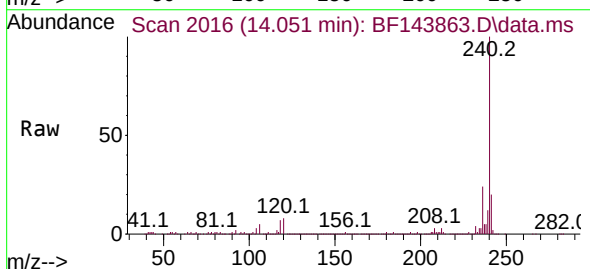
Tgt Ion:240 Resp: 360731

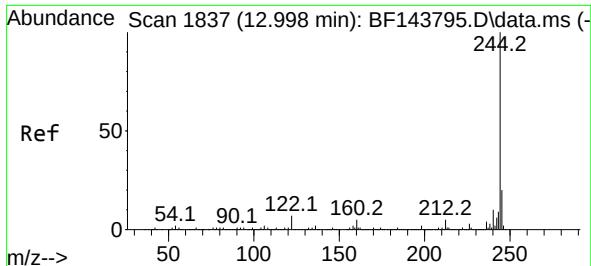
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.4

236 24.4 19.4 29.2

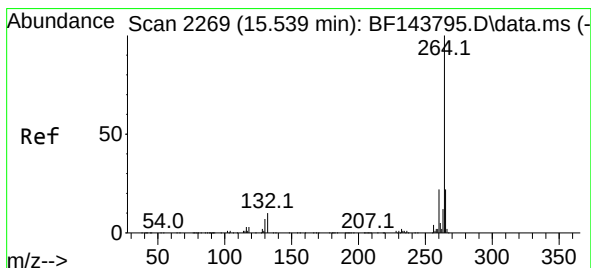
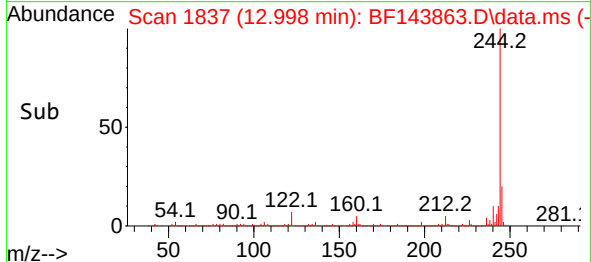
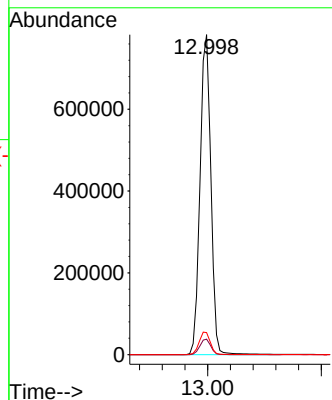
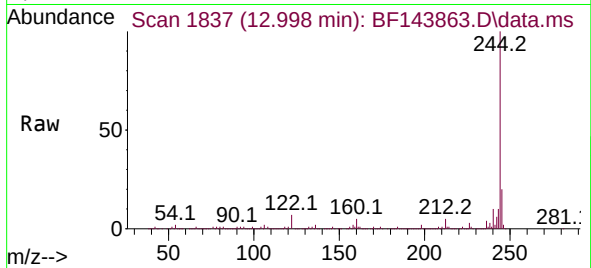




#79
 Terphenyl-d14
 Concen: 58.091 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143863.D
 Acq: 02 Oct 2025 19:09

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FT

Tgt Ion:244 Resp: 1030370
 Ion Ratio Lower Upper
 244 100
 212 4.8 3.9 5.9
 122 6.9 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143863.D
 Acq: 02 Oct 2025 19:09

Tgt Ion:264 Resp: 444342
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.9 26.9
 265 21.4 17.7 26.5

