

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143854.D
 Acq On : 02 Oct 2025 14:42
 Operator : RC/JU
 Sample : PB169953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BL

Quant Time: Oct 02 16:32:15 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	6.887	152	120416	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	468622	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	243326	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	389037	20.000	ng	0.00
76) Chrysene-d12	14.051	240	361830	20.000	ng	-0.01
86) Perylene-d12	15.533	264	510088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	914669	123.411	ng	0.00
7) Phenol-d6	6.504	99	1078529	125.943	ng	0.00
23) Nitrobenzene-d5	7.446	82	686816	89.712	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	424981	117.957	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	1375914	88.240	ng	0.00
79) Terphenyl-d14	12.998	244	1734926	97.515	ng	0.00

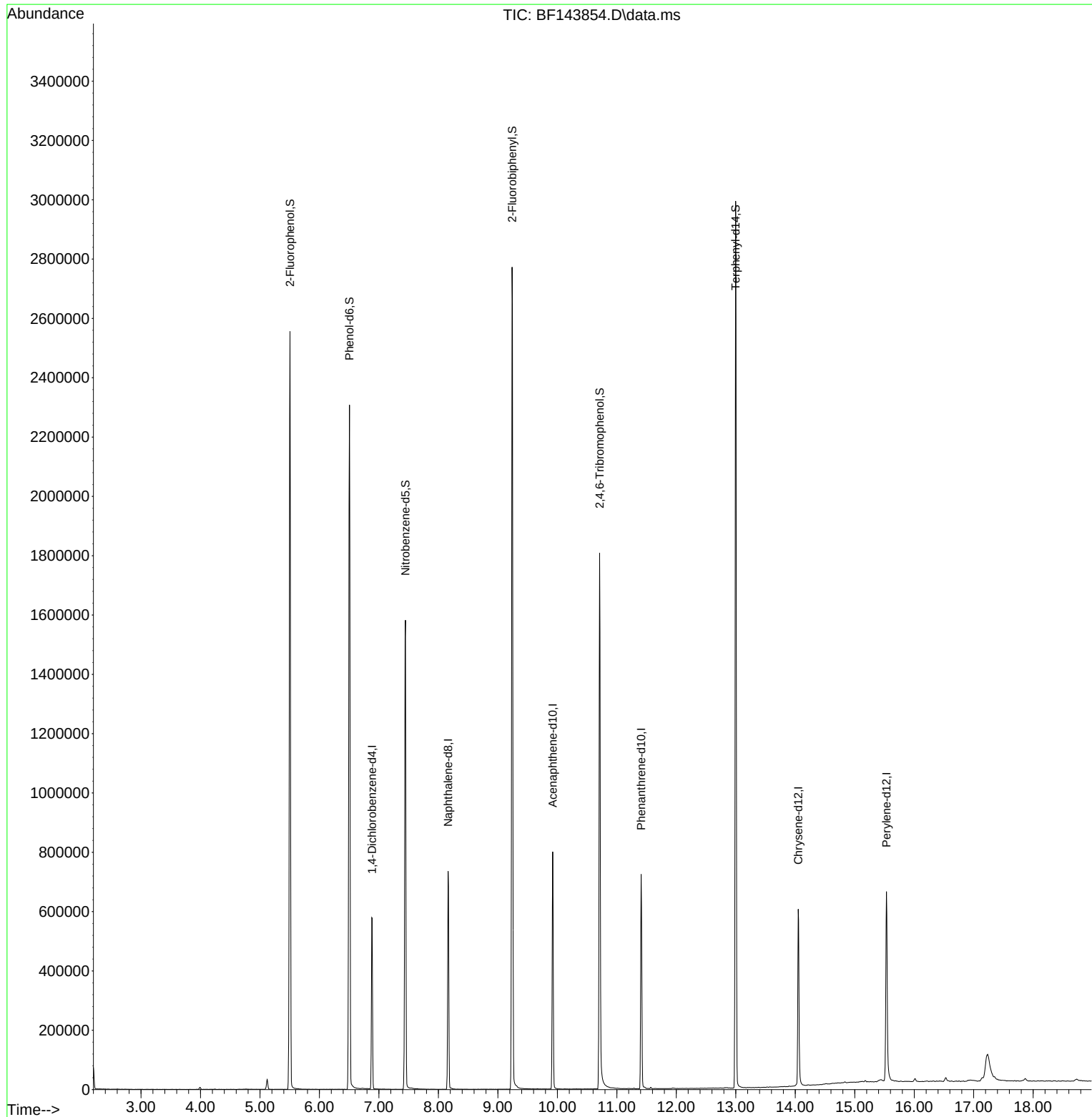
Target Compounds	Qvalue

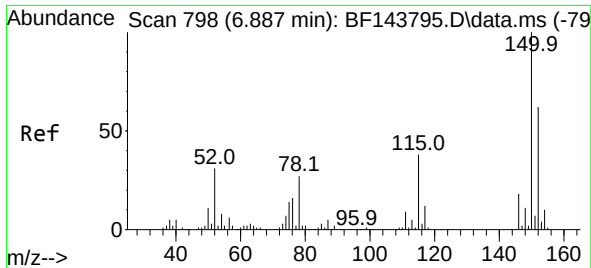
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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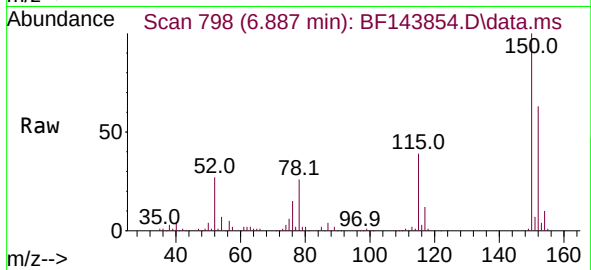
Quant Time: Oct 02 16:32:15 2025
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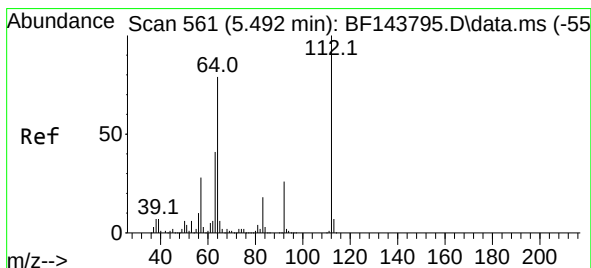
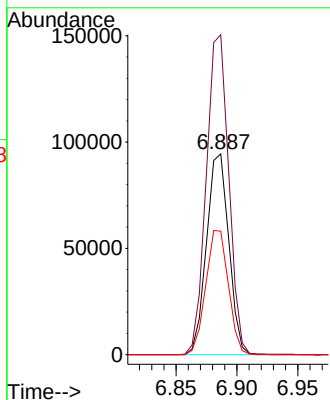
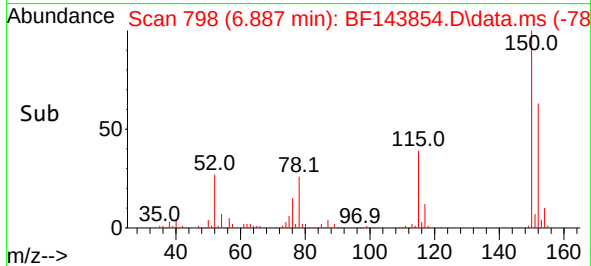


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

Instrument :
BNA_F
ClientSampleId :
PB169953BL

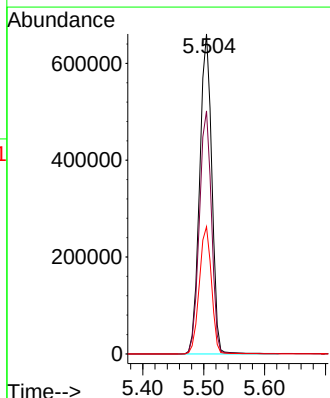
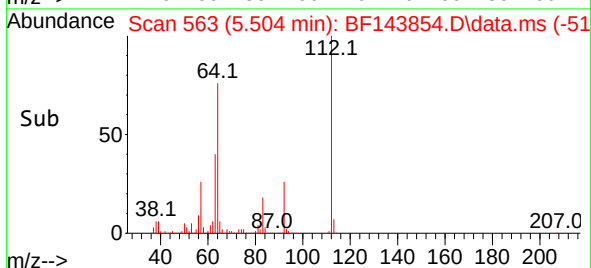
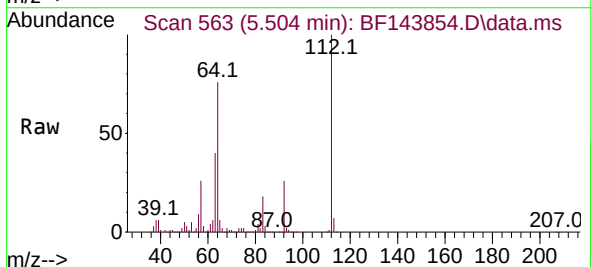


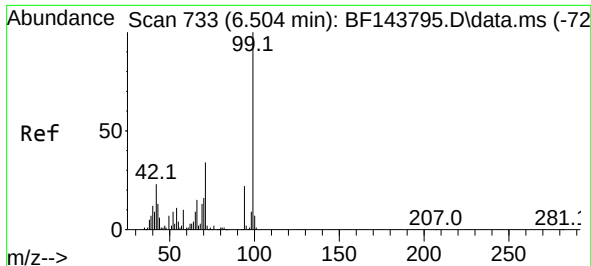
Tgt Ion:152 Resp: 120416
Ion Ratio Lower Upper
152 100
150 159.5 129.6 194.4
115 61.5 49.0 73.4



#5
2-Fluorophenol
Concen: 123.411 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

Tgt Ion:112 Resp: 914669
Ion Ratio Lower Upper
112 100
64 75.9 63.0 94.4
63 39.7 32.6 49.0



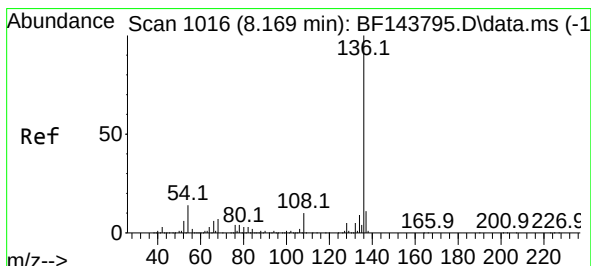
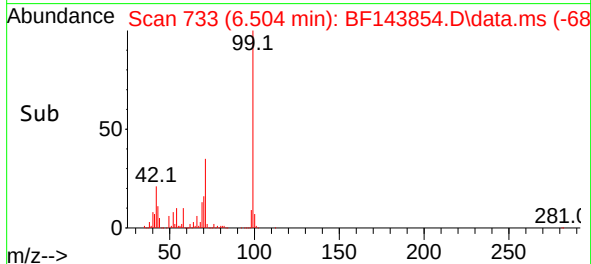
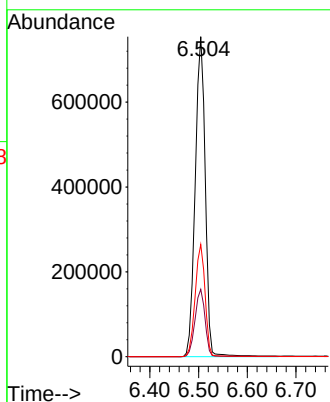
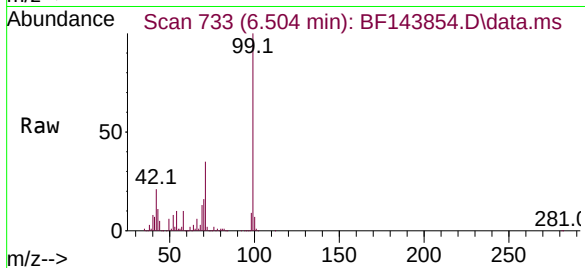


#7
Phenol-d6
Concen: 125.943 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Tgt Ion: 99 Resp: 1078529

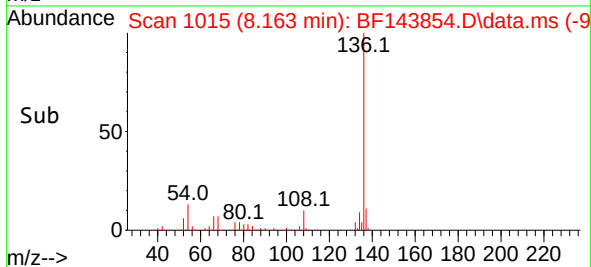
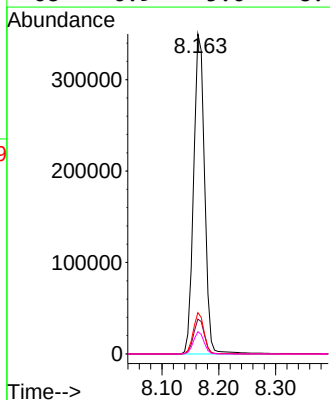
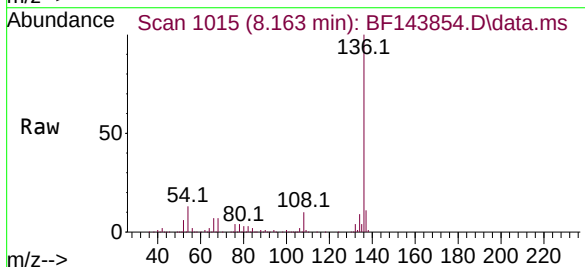
Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.6	28.0
71	35.0	27.0	40.4

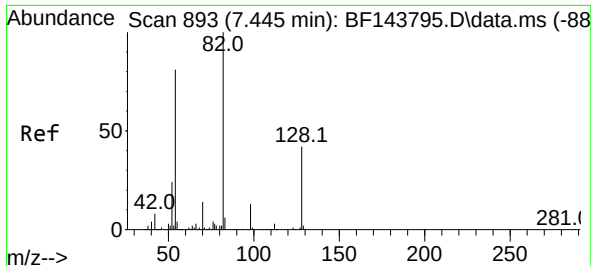


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

Tgt Ion: 136 Resp: 468622

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	12.9	11.2	16.8
68	6.9	5.6	8.4

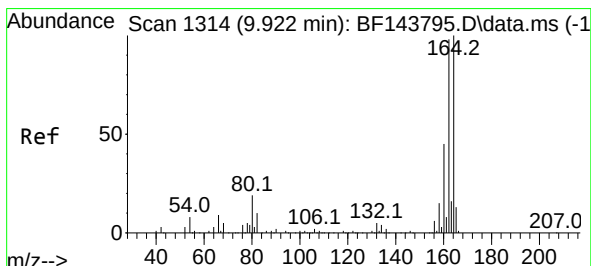
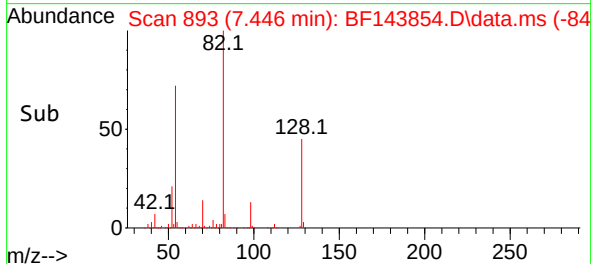
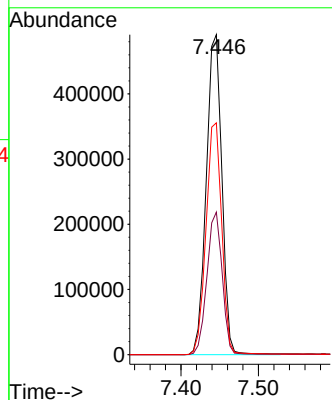
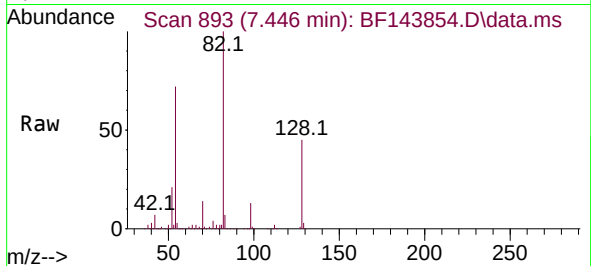




#23
Nitrobenzene-d5
Concen: 89.712 ng
RT: 7.446 min Scan# 89
Delta R.T. -0.005 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

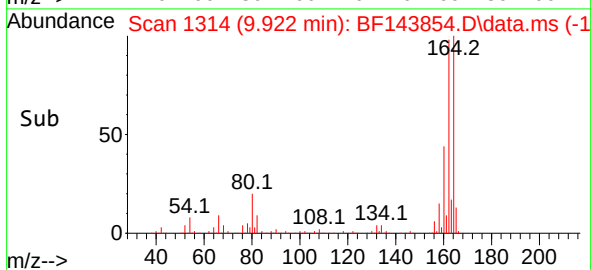
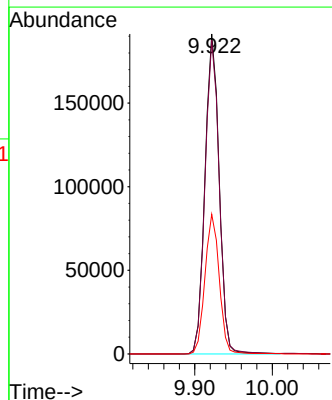
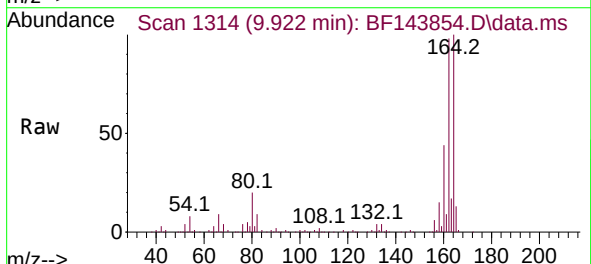
Instrument :
BNA_F
ClientSampleId :
PB169953BL

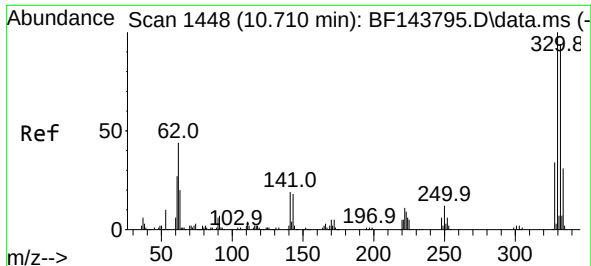
Tgt Ion: 82 Resp: 686816
Ion Ratio Lower Upper
82 100
128 44.5 33.3 49.9
54 72.4 64.2 96.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

Tgt Ion: 164 Resp: 243326
Ion Ratio Lower Upper
164 100
162 98.0 78.8 118.2
160 43.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 117.957 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143854.D

Acq: 02 Oct 2025 14:42

Instrument :

BNA_F

ClientSampleId :

PB169953BL

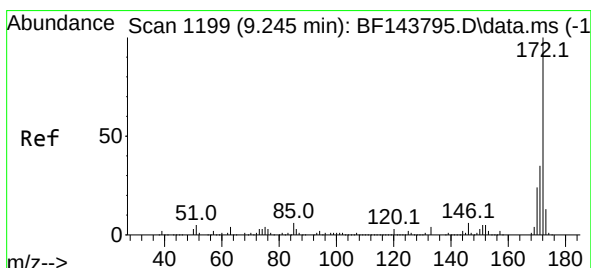
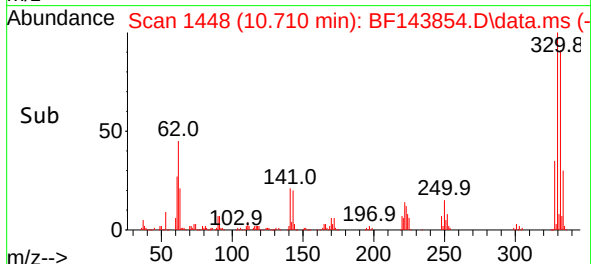
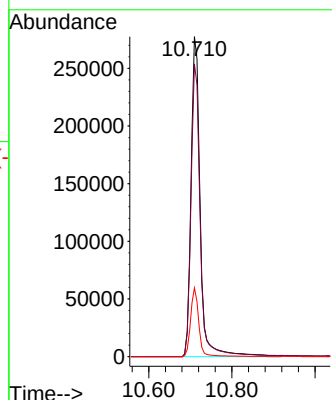
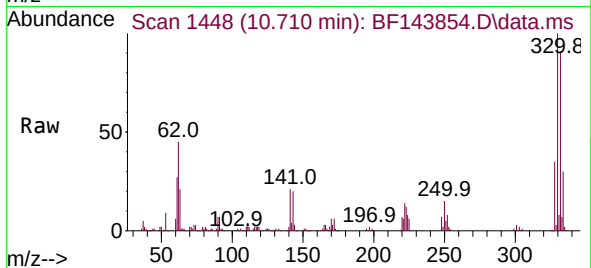
Tgt Ion:330 Resp: 424981

Ion Ratio Lower Upper

330 100

332 91.9 74.7 112.1

141 19.4 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 88.240 ng

RT: 9.240 min Scan# 1198

Delta R.T. -0.005 min

Lab File: BF143854.D

Acq: 02 Oct 2025 14:42

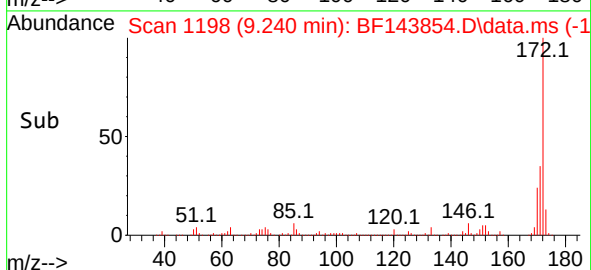
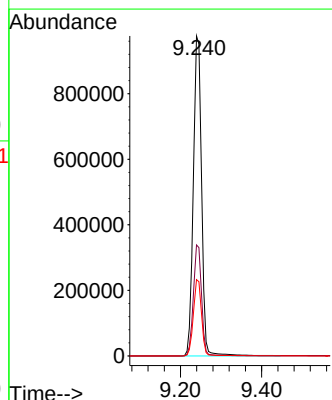
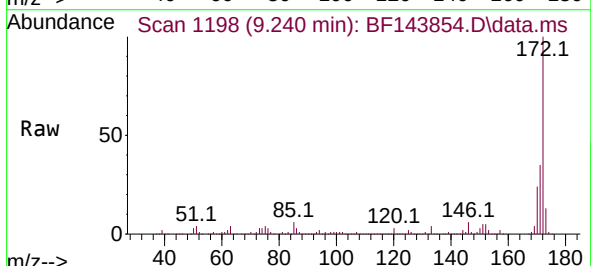
Tgt Ion:172 Resp: 1375914

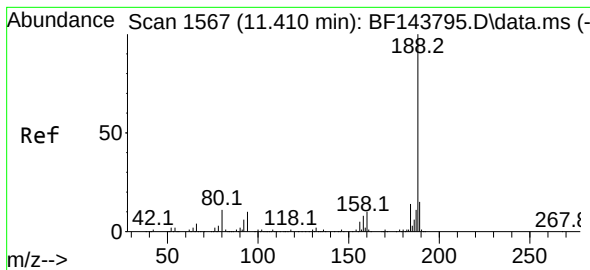
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.8 19.1 28.7

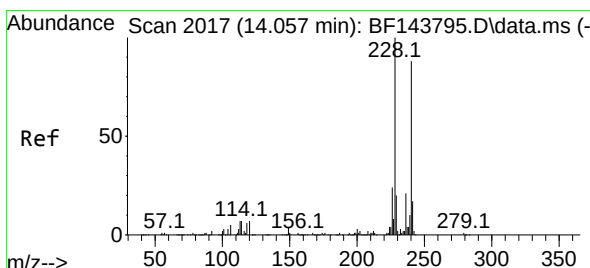
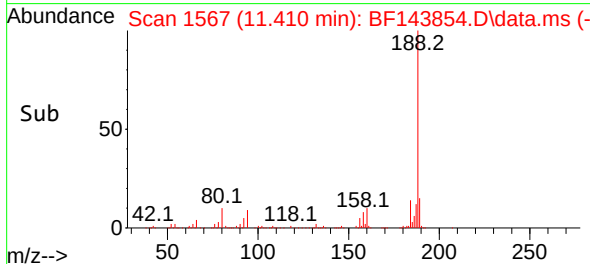
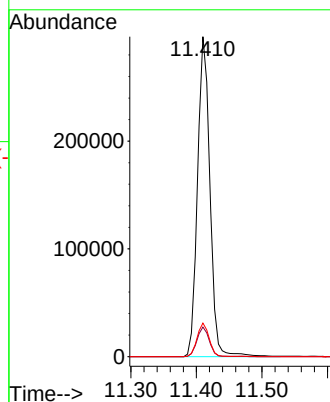
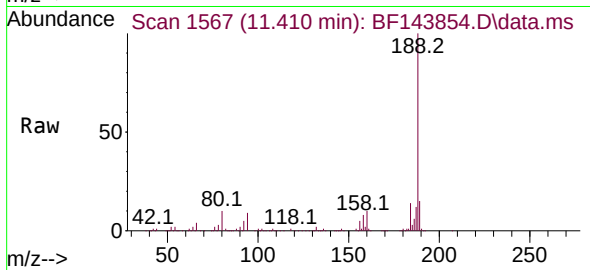




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

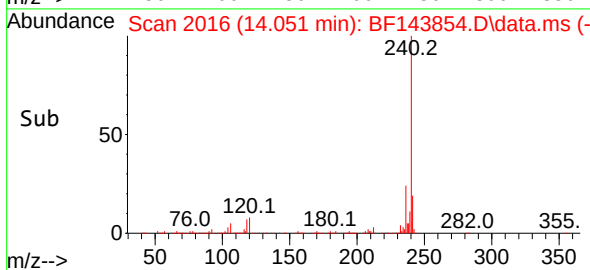
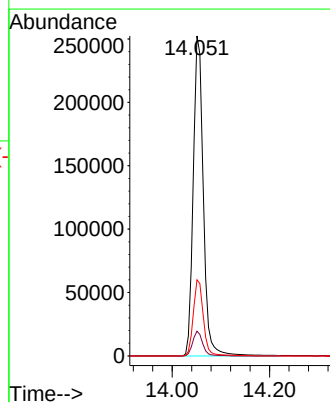
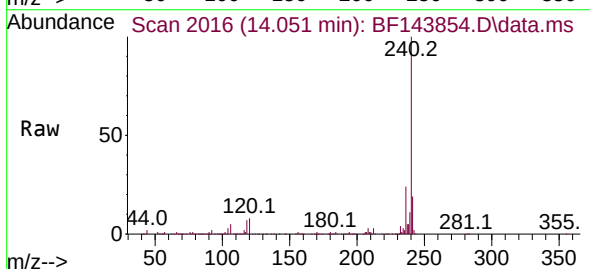
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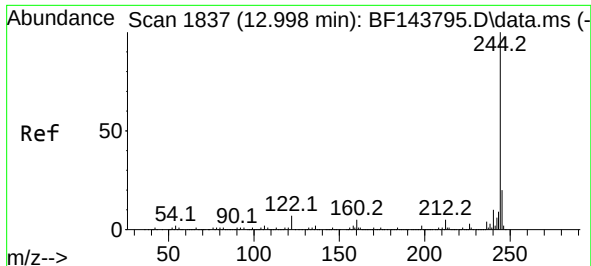
Tgt Ion:188 Resp: 389037
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143854.D
Acq: 02 Oct 2025 14:42

Tgt Ion:240 Resp: 361830
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 23.8 19.4 29.2

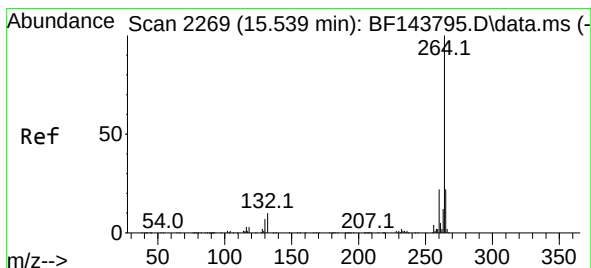
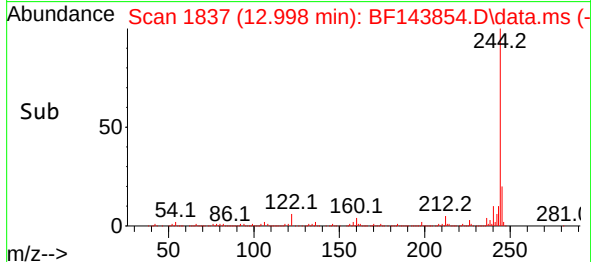
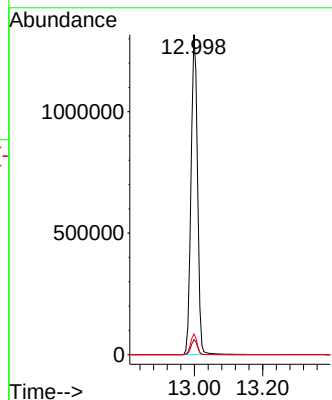
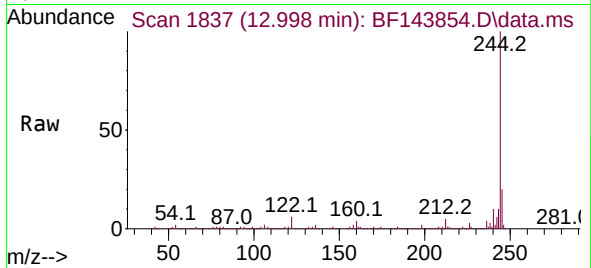




#79
 Terphenyl-d14
 Concen: 97.515 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143854.D
 Acq: 02 Oct 2025 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BL

Tgt Ion:244 Resp: 1734926
 Ion Ratio Lower Upper
 244 100
 212 4.7 3.9 5.9
 122 6.4 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: BF143854.D
 Acq: 02 Oct 2025 14:42

Tgt Ion:264 Resp: 510088
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.9 26.9
 265 22.4 17.7 26.5

