

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143987.D
 Acq On : 17 Oct 2025 16:09
 Operator : RC/JU
 Sample : PB170116TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170116TB

Quant Time: Oct 17 16:29:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124101	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	484858	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	277642	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	478688	20.000	ng	0.00
76) Chrysene-d12	14.063	240	302571	20.000	ng	0.00
86) Perylene-d12	15.551	264	258607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	959633	122.794	ng	0.01
7) Phenol-d6	6.504	99	1127218	121.009	ng	-0.01
23) Nitrobenzene-d5	7.439	82	725199	90.871	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	374785	135.528	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1398758	79.940	ng	-0.01
79) Terphenyl-d14	13.004	244	1645637	92.954	ng	0.00

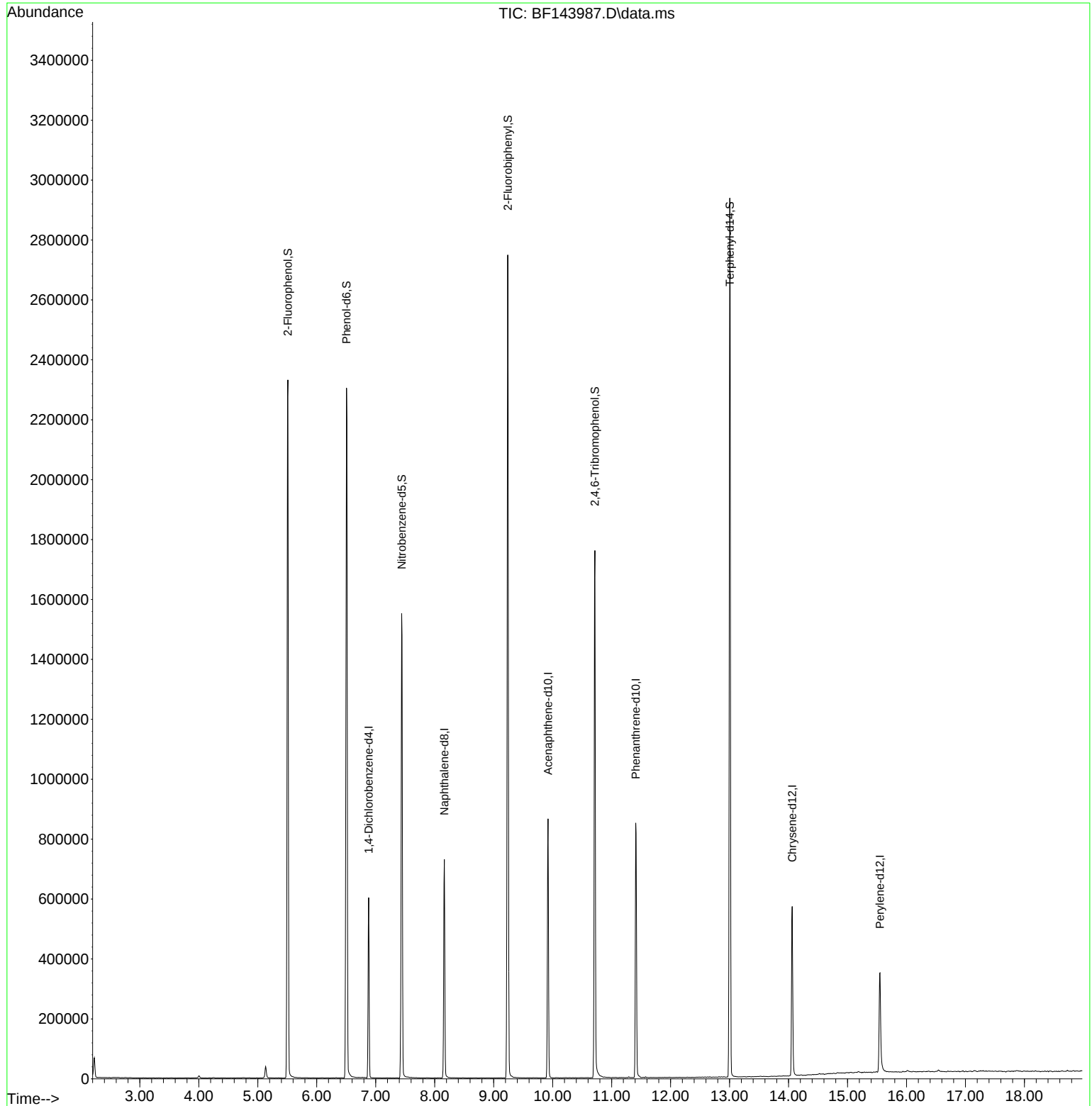
Target Compounds	Qvalue

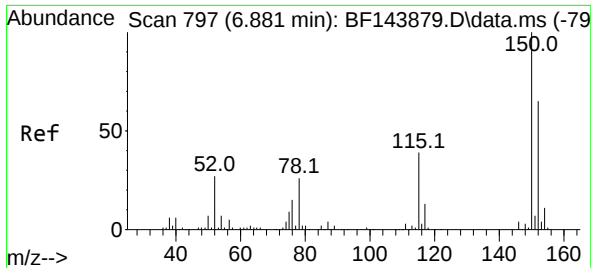
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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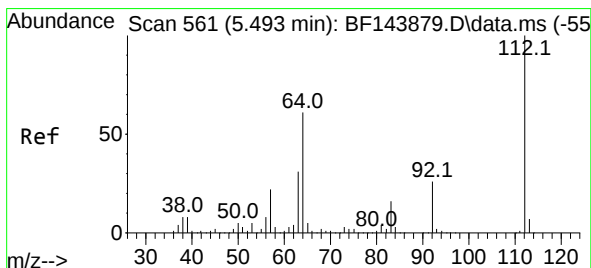
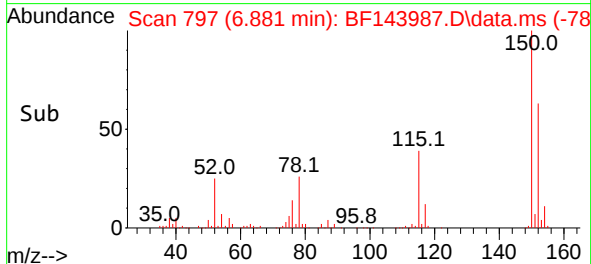
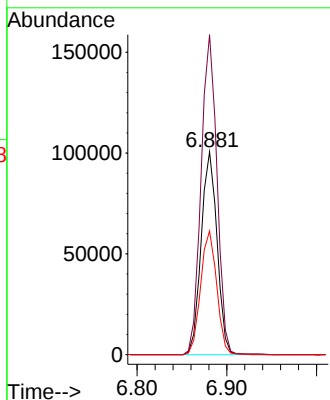
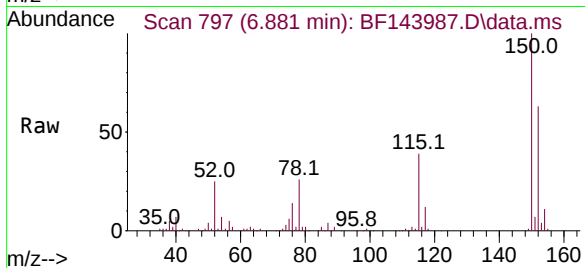




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

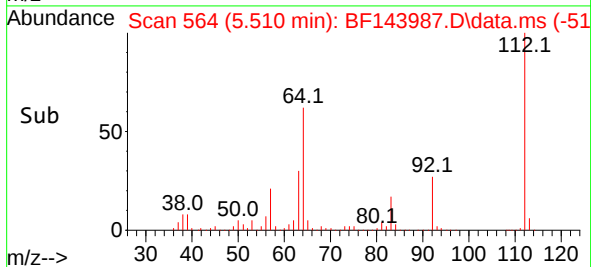
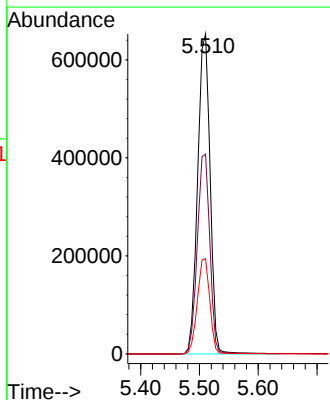
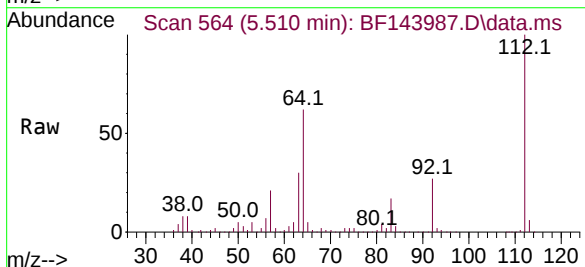
Instrument :
BNA_F
ClientSampleId :
PB170116TB

Tgt Ion:152 Resp: 124101
Ion Ratio Lower Upper
152 100
150 157.8 124.4 186.6
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 122.794 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Tgt Ion:112 Resp: 959633
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 29.7 24.5 36.7



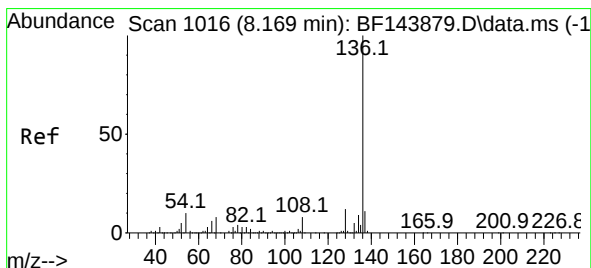
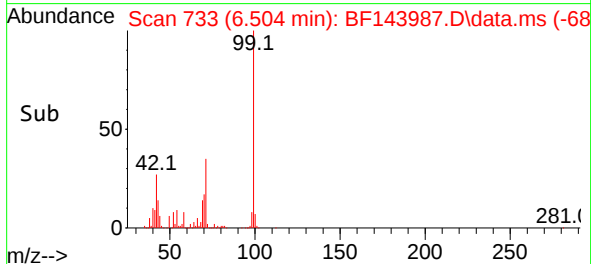
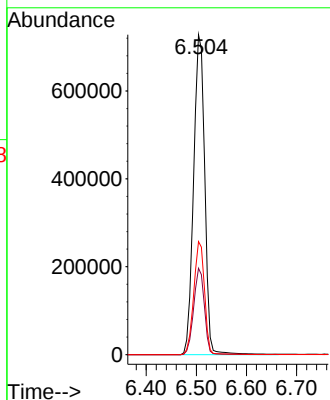
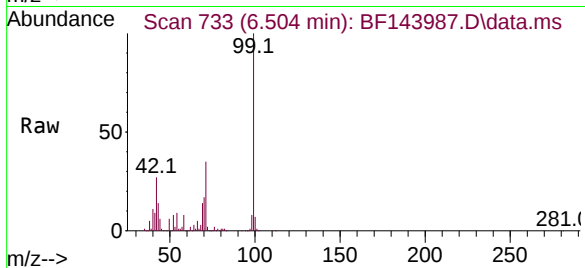


#7
Phenol-d6
Concen: 121.009 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB170116TB

Tgt Ion: 99 Resp: 1127218

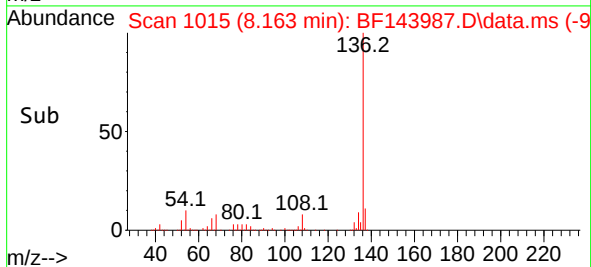
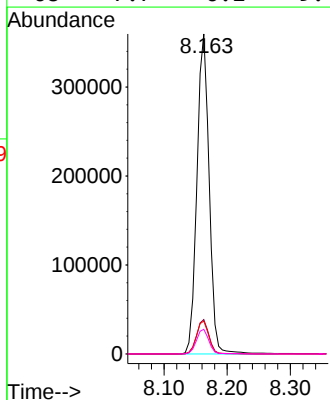
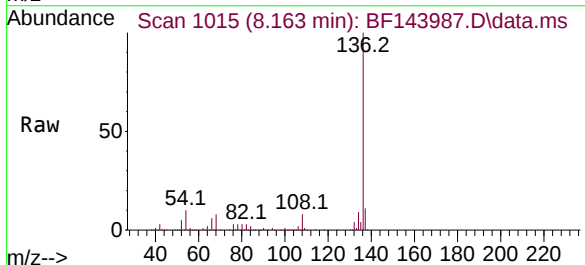
Ion	Ratio	Lower	Upper
99	100		
42	27.0	21.0	31.4
71	35.3	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Tgt Ion: 136 Resp: 484858

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.2	8.2	12.4
68	7.7	6.2	9.4





#23

Nitrobenzene-d5

Concen: 90.871 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143987.D

Acq: 17 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB170116TB

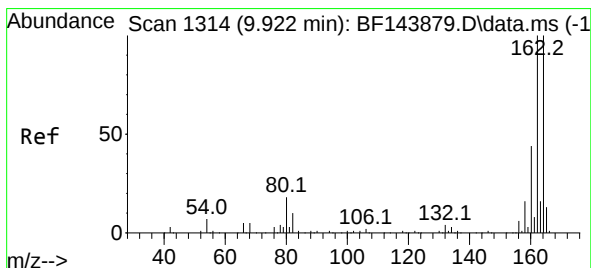
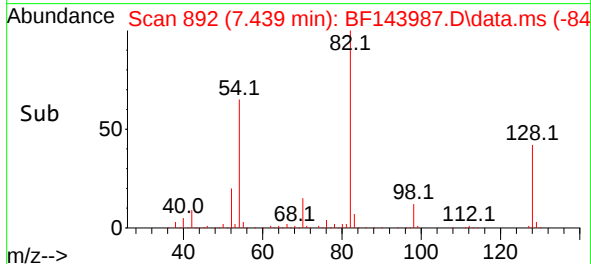
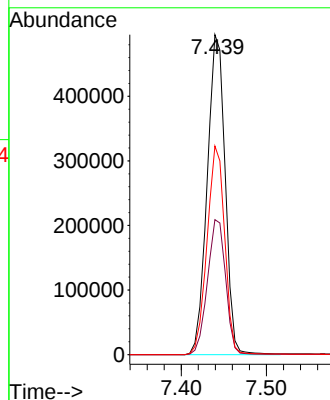
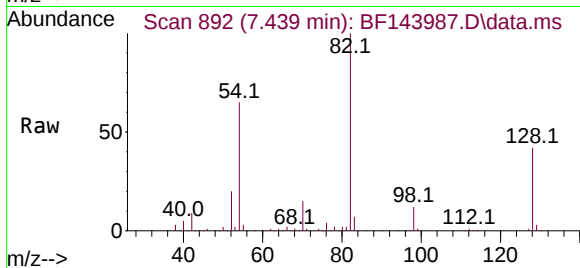
Tgt Ion: 82 Resp: 725199

Ion Ratio Lower Upper

82 100

128 42.2 34.0 51.0

54 65.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143987.D

Acq: 17 Oct 2025 16:09

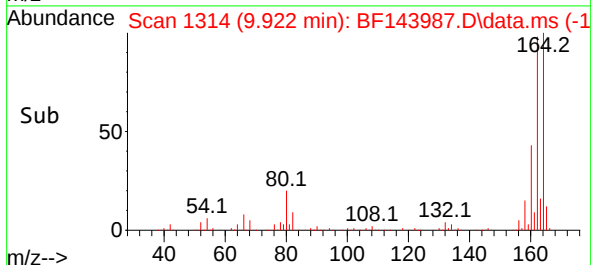
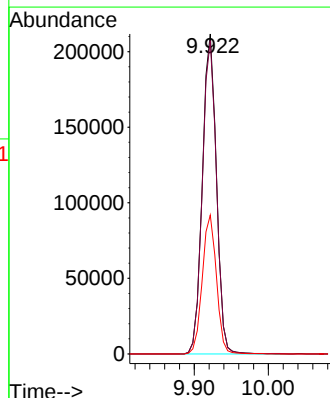
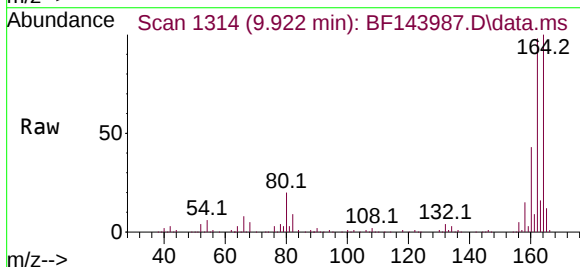
Tgt Ion:164 Resp: 277642

Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.2

160 43.4 35.4 53.0

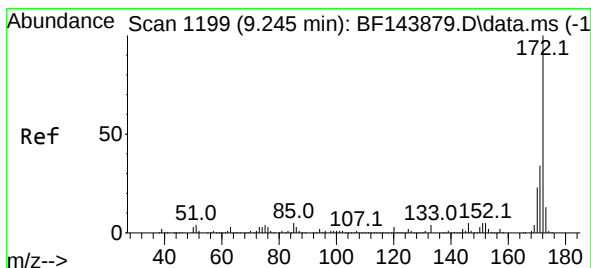
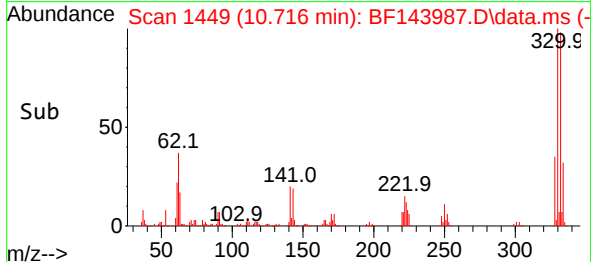
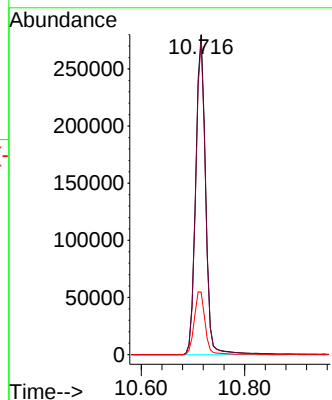
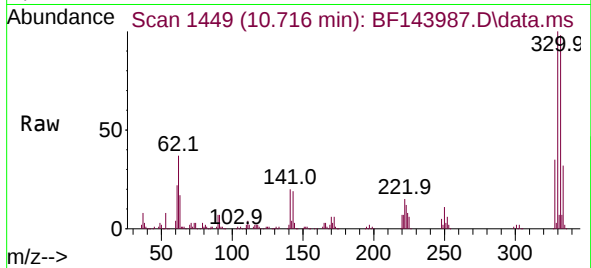




#42
 2,4,6-Tribromophenol
 Concen: 135.528 ng
 RT: 10.716 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF143987.D
 Acq: 17 Oct 2025 16:09

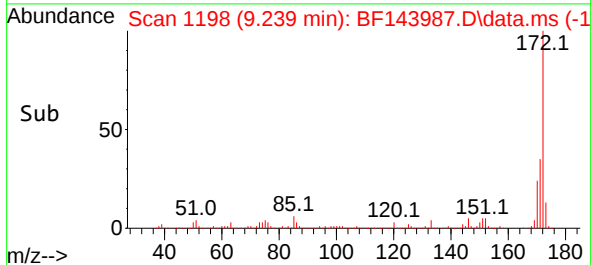
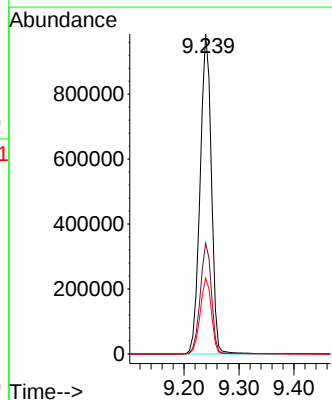
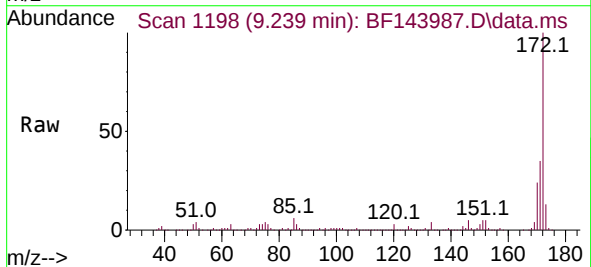
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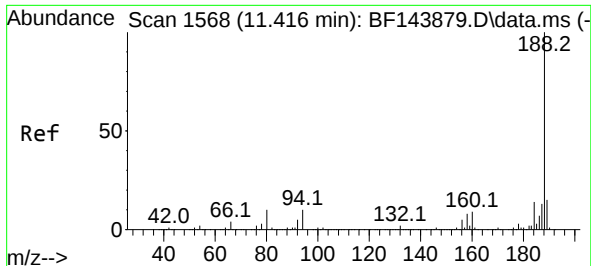
Tgt Ion: 330 Resp: 374785
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 21.6 20.2 30.4



#45
 2-Fluorobiphenyl
 Concen: 79.940 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF143987.D
 Acq: 17 Oct 2025 16:09

Tgt Ion: 172 Resp: 1398758
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.4 41.0
 170 23.6 18.6 28.0

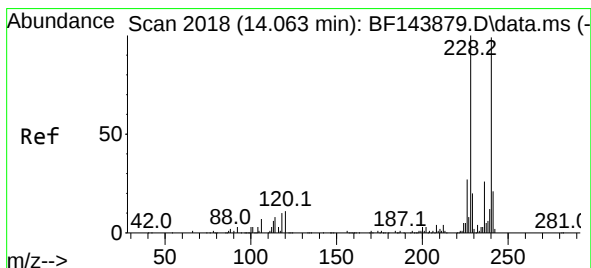
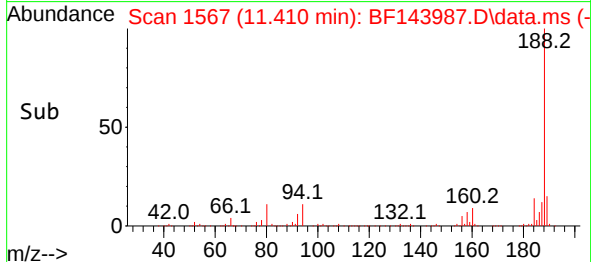
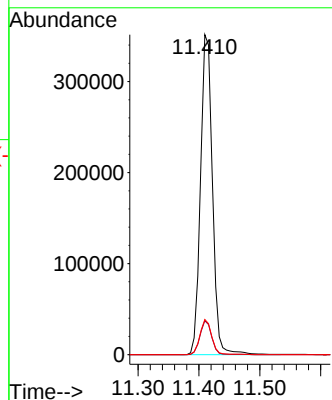
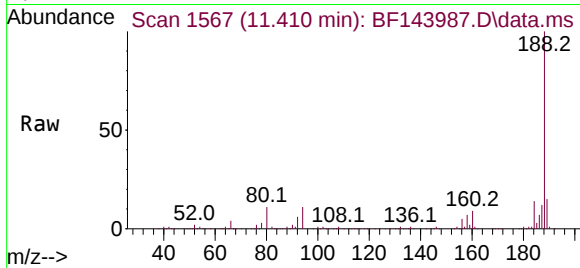




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

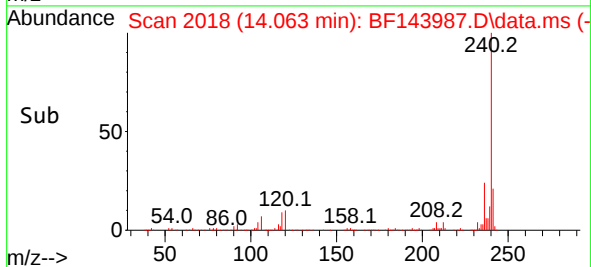
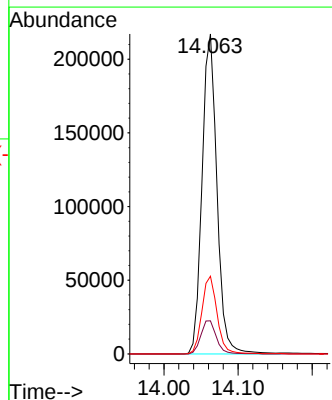
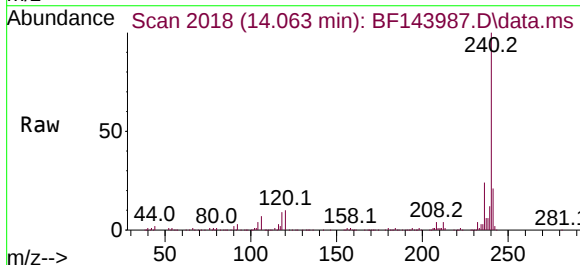
Instrument :
BNA_F
ClientSampleId :
PB170116TB

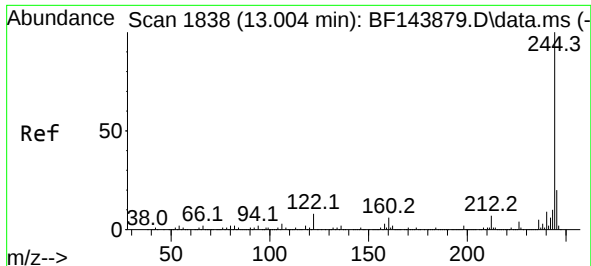
Tgt Ion:188 Resp: 478688
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143987.D
Acq: 17 Oct 2025 16:09

Tgt Ion:240 Resp: 302571
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 24.3 21.1 31.7

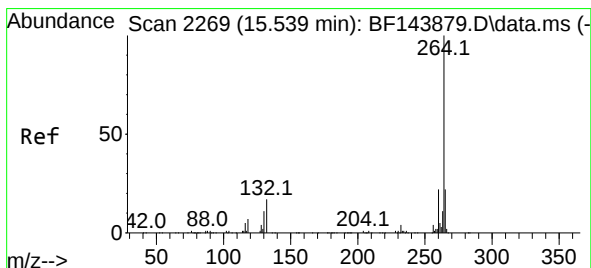
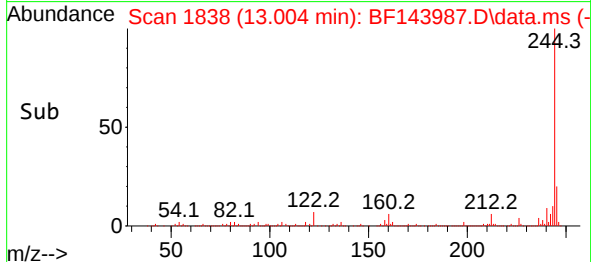
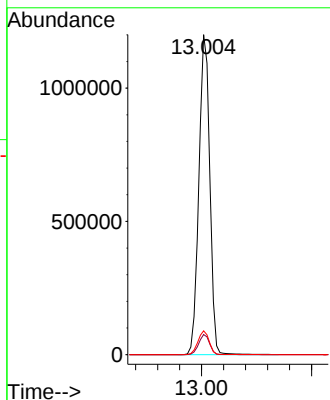
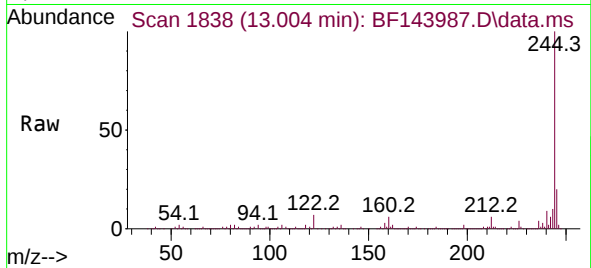




#79
 Terphenyl-d14
 Concen: 92.954 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143987.D
 Acq: 17 Oct 2025 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB170116TB

Tgt Ion:244 Resp: 1645637
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.4 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF143987.D
 Acq: 17 Oct 2025 16:09

Tgt Ion:264 Resp: 258607
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 20.7 17.5 26.3

