

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143988.D
 Acq On : 17 Oct 2025 16:47
 Operator : RC/JU
 Sample : Q3352-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 17 17:06:27 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	98021	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	381785	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	220375	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	402098	20.000	ng	0.00
76) Chrysene-d12	14.063	240	290546	20.000	ng	0.00
86) Perylene-d12	15.545	264	267365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	853415	138.257	ng	0.01
7) Phenol-d6	6.504	99	953313	129.570	ng	-0.01
23) Nitrobenzene-d5	7.445	82	694835	110.572	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	387303	176.450	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1324372	95.357	ng	-0.01
79) Terphenyl-d14	13.004	244	1657935	97.525	ng	0.00

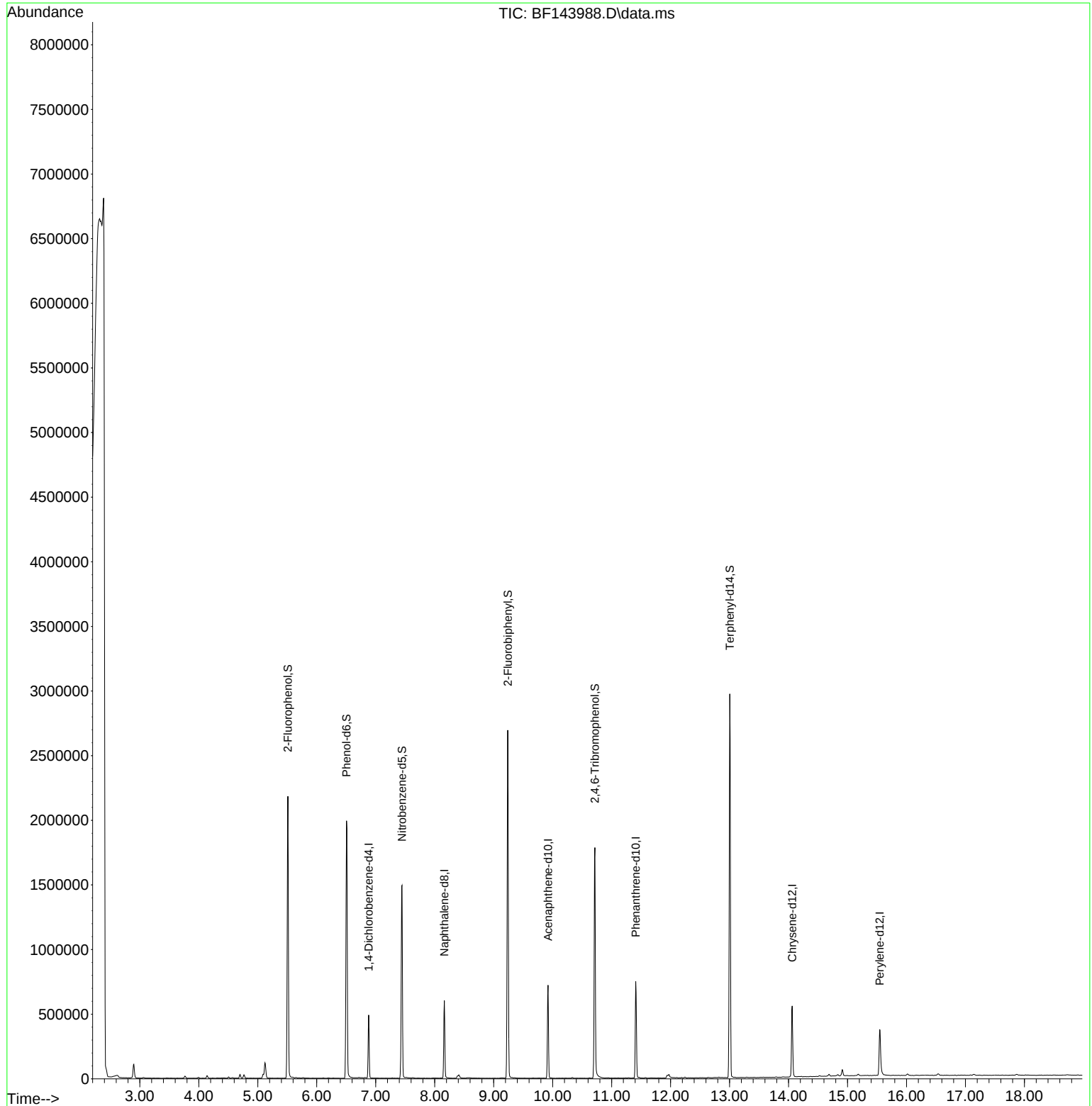
Target Compounds	Qvalue

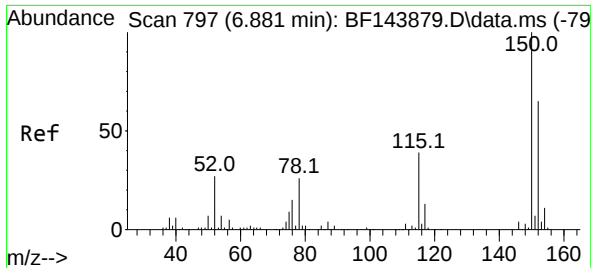
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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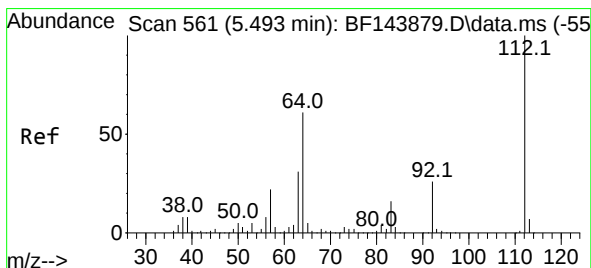
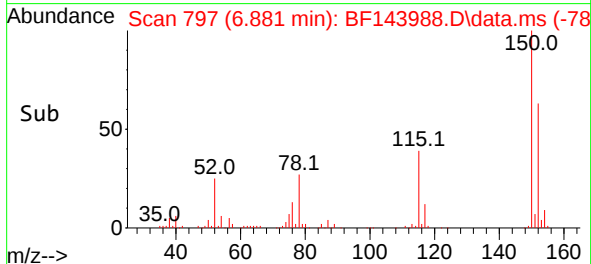
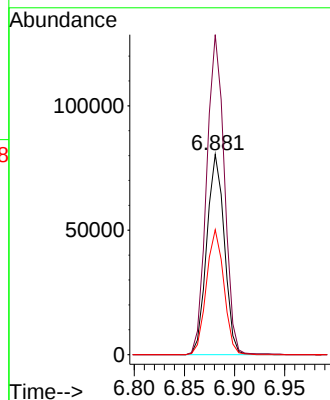
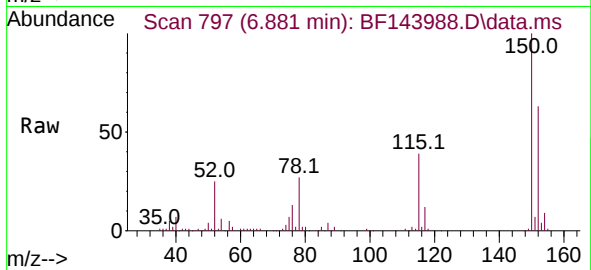




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143988.D
Acq: 17 Oct 2025 16:47

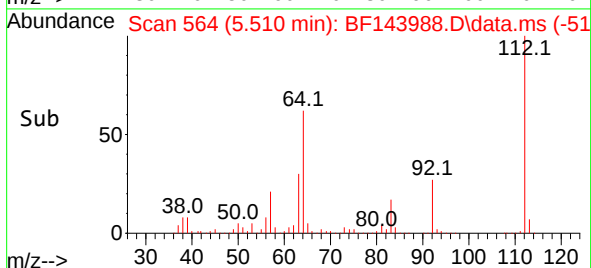
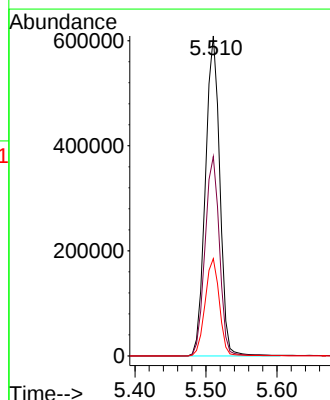
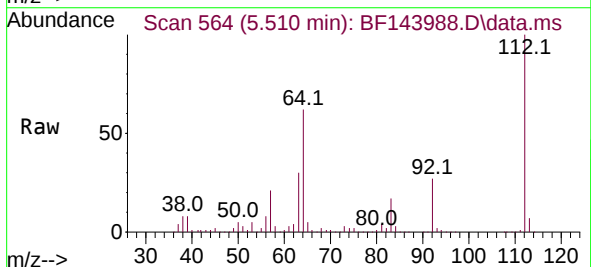
Instrument :
BNA_F
ClientSampleId :
TP-3

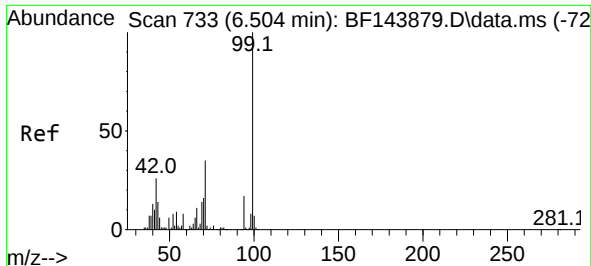
Tgt Ion:152 Resp: 98021
Ion Ratio Lower Upper
152 100
150 159.8 124.4 186.6
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 138.257 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143988.D
Acq: 17 Oct 2025 16:47

Tgt Ion:112 Resp: 853415
Ion Ratio Lower Upper
112 100
64 62.3 49.1 73.7
63 30.4 24.5 36.7





#7
Phenol-d6
Concen: 129.570 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143988.D
Acq: 17 Oct 2025 16:47

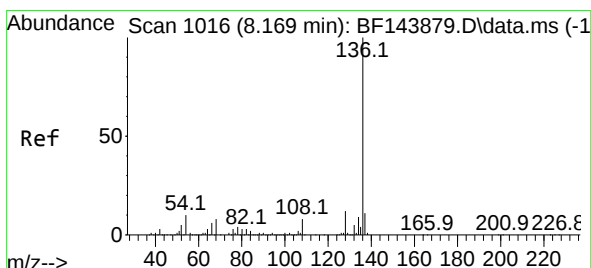
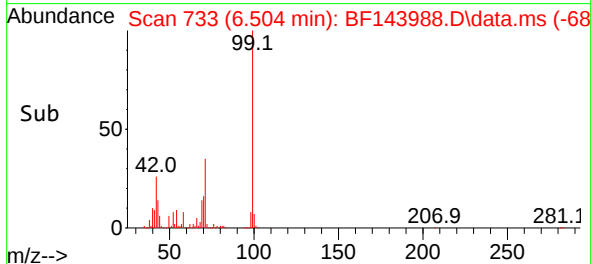
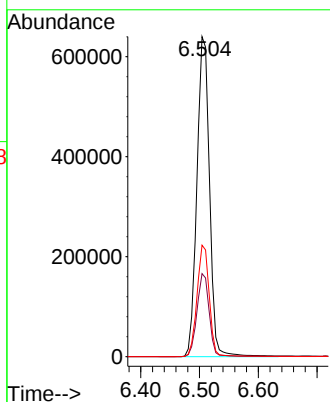
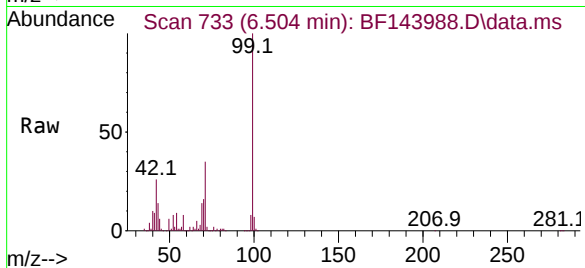
Instrument :

BNA_F

ClientSampleId :

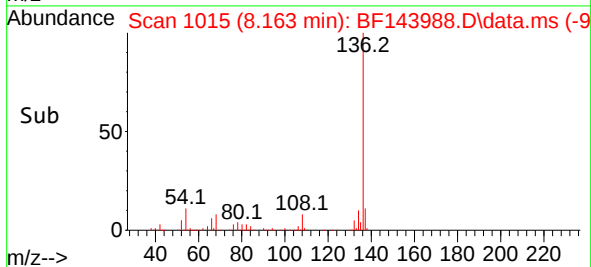
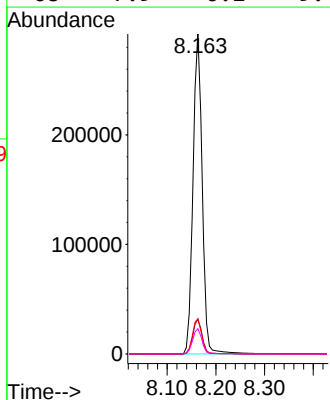
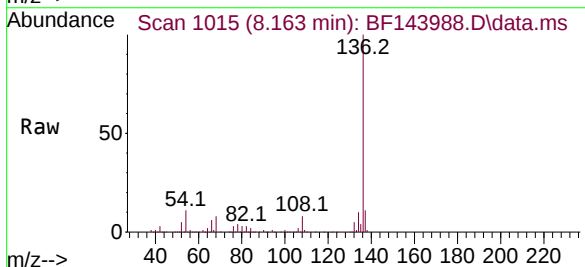
TP-3

Tgt Ion: 99 Resp: 953313
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 34.8 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: BF143988.D
Acq: 17 Oct 2025 16:47

Tgt Ion: 136 Resp: 381785
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.0 8.2 12.4
68 7.9 6.2 9.4

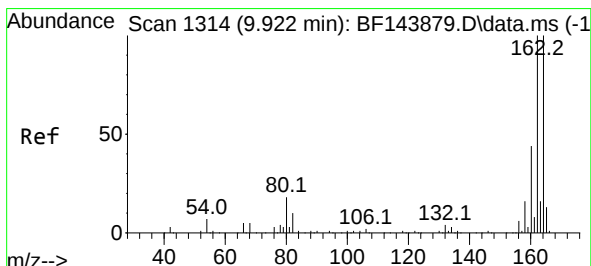
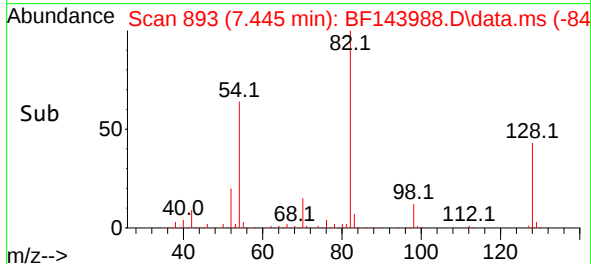
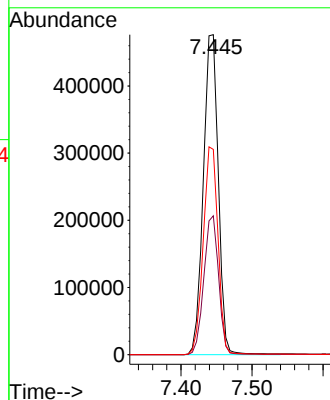
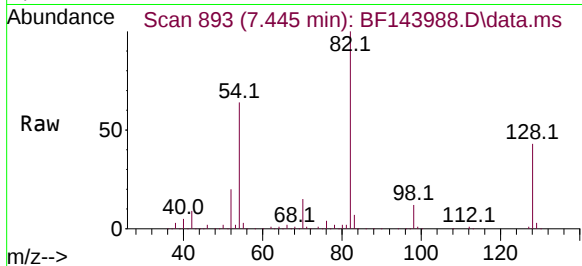




#23
 Nitrobenzene-d5
 Concen: 110.572 ng
 RT: 7.445 min Scan# 893
 Delta R.T. -0.012 min
 Lab File: BF143988.D
 Acq: 17 Oct 2025 16:47

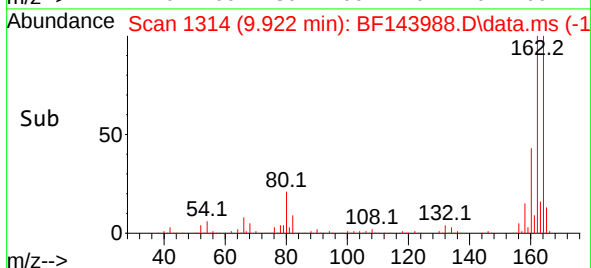
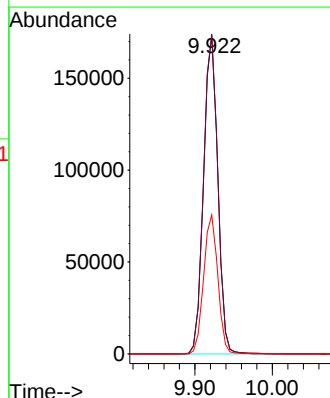
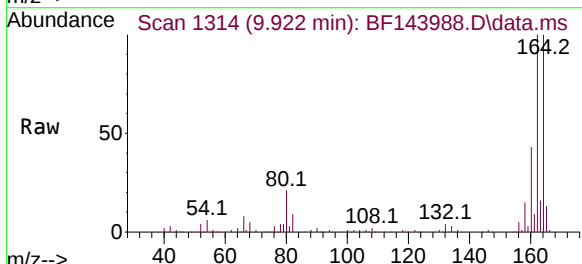
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion: 82 Resp: 694835
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.0 51.0
 54 64.1 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: BF143988.D
 Acq: 17 Oct 2025 16:47

Tgt Ion: 164 Resp: 220375
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.2
 160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 176.450 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143988.D

Acq: 17 Oct 2025 16:47

Instrument :

BNA_F

ClientSampleId :

TP-3

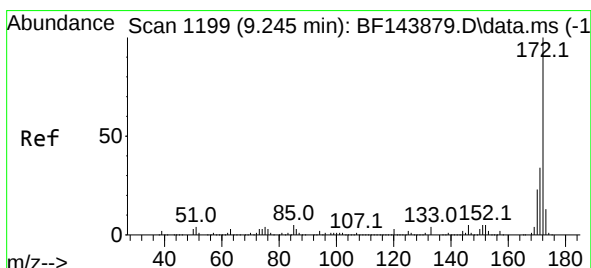
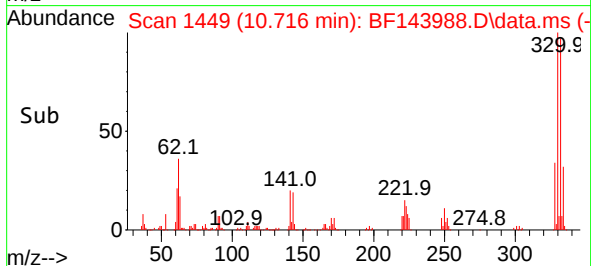
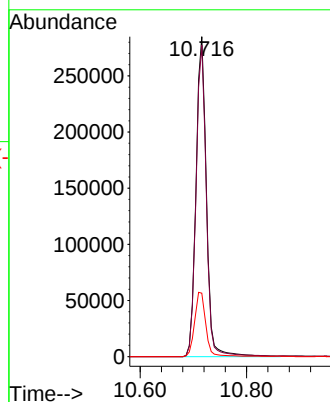
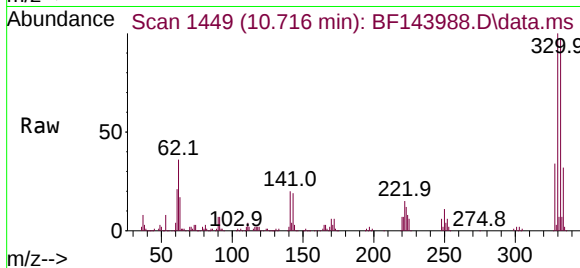
Tgt Ion:330 Resp: 387303

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 21.8 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 95.357 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143988.D

Acq: 17 Oct 2025 16:47

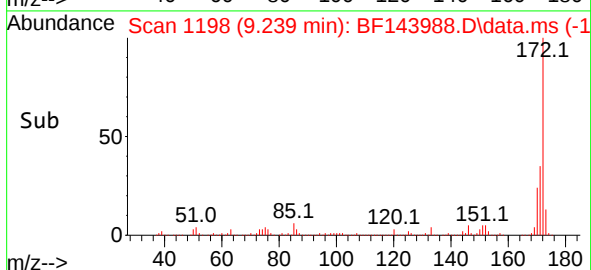
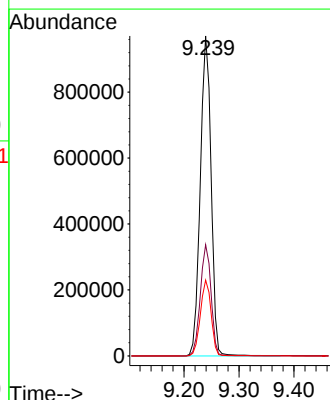
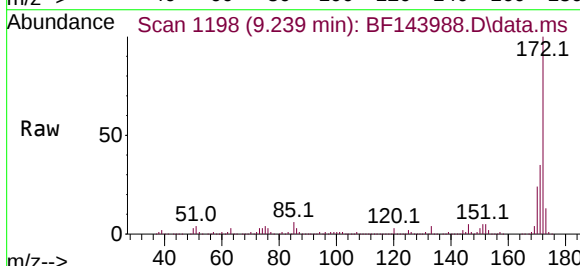
Tgt Ion:172 Resp: 1324372

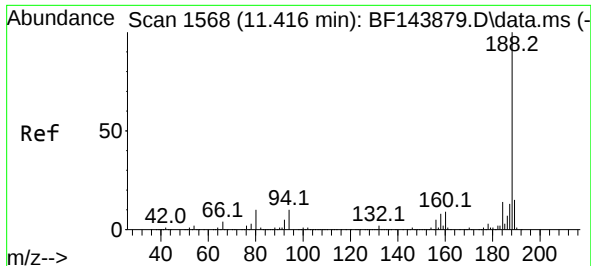
Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.7 18.6 28.0

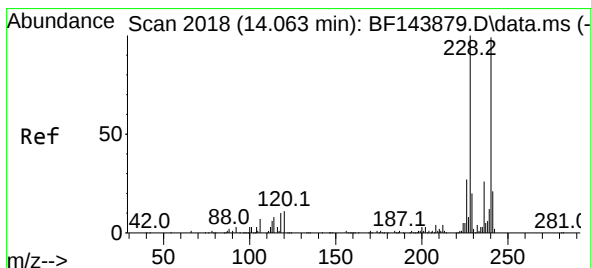
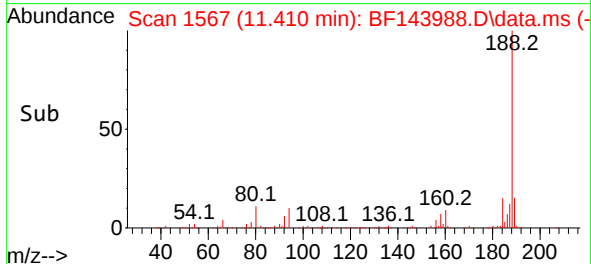
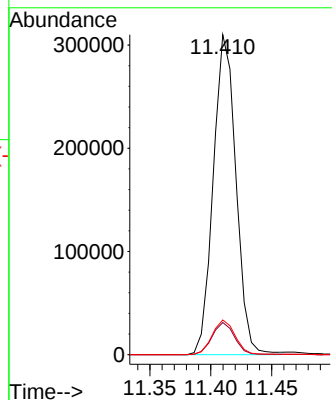
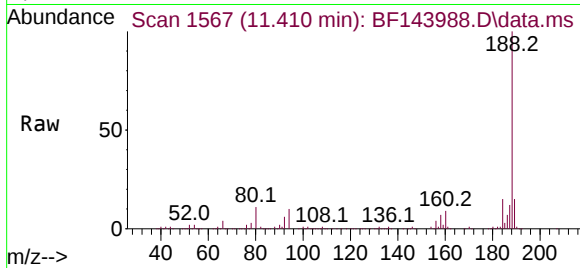




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143988.D
Acq: 17 Oct 2025 16:47

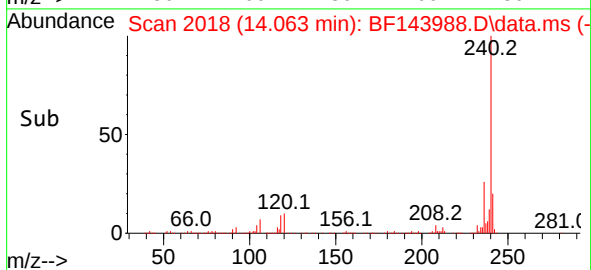
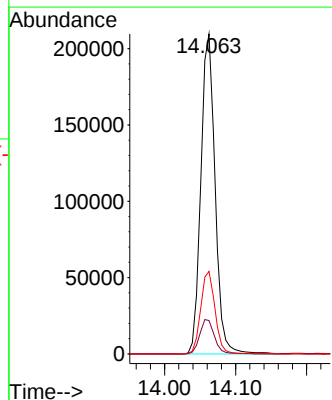
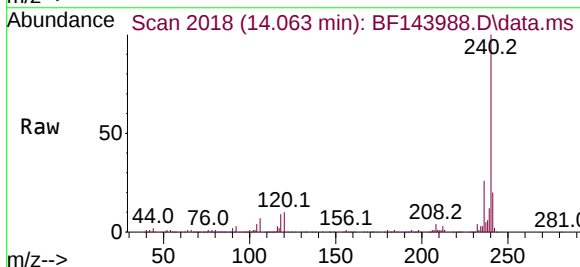
Instrument :
BNA_F
ClientSampleId :
TP-3

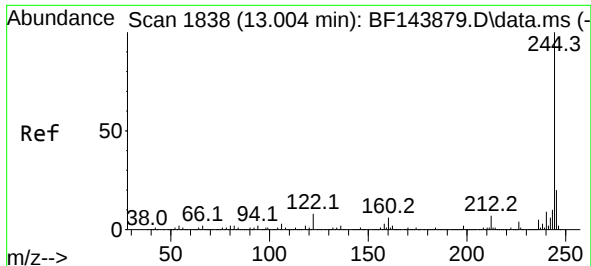
Tgt Ion:188 Resp: 402098
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143988.D
Acq: 17 Oct 2025 16:47

Tgt Ion:240 Resp: 290546
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.8 21.1 31.7

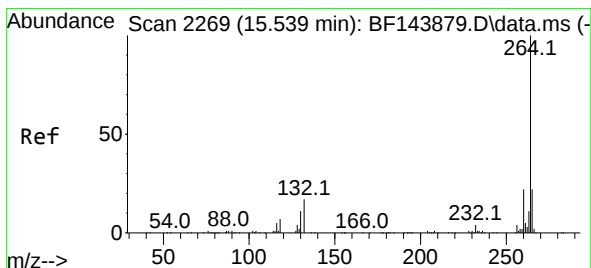
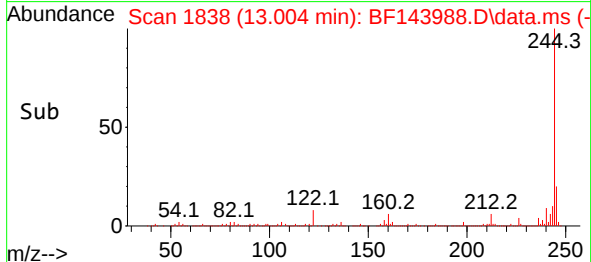
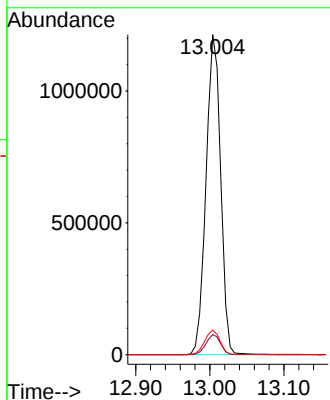
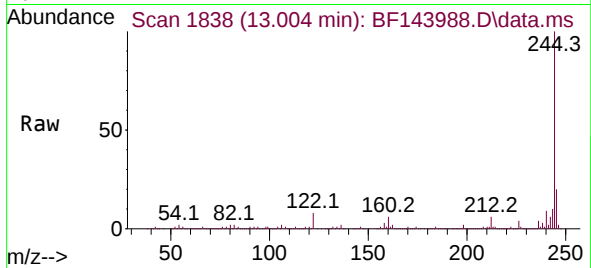




#79
 Terphenyl-d14
 Concen: 97.525 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143988.D
 Acq: 17 Oct 2025 16:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1657935
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.6 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143988.D
 Acq: 17 Oct 2025 16:47

Tgt Ion:264 Resp: 267365
 Ion Ratio Lower Upper
 264 100
 260 21.1 17.8 26.8
 265 20.7 17.5 26.3

