

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143892.D
 Acq On : 08 Oct 2025 13:40
 Operator : RC/JU
 Sample : PB170020BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170020BL

Quant Time: Oct 08 14:18:43 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	134521	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	517410	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	285939	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	510882	20.000	ng	0.00
76) Chrysene-d12	14.057	240	330902	20.000	ng	-0.01
86) Perylene-d12	15.539	264	282263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1075820	126.998	ng	0.00
7) Phenol-d6	6.504	99	1292417	127.997	ng	-0.01
23) Nitrobenzene-d5	7.440	82	818734	96.137	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	402684	141.391	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1556997	86.401	ng	-0.01
79) Terphenyl-d14	13.004	244	1816751	93.833	ng	0.00

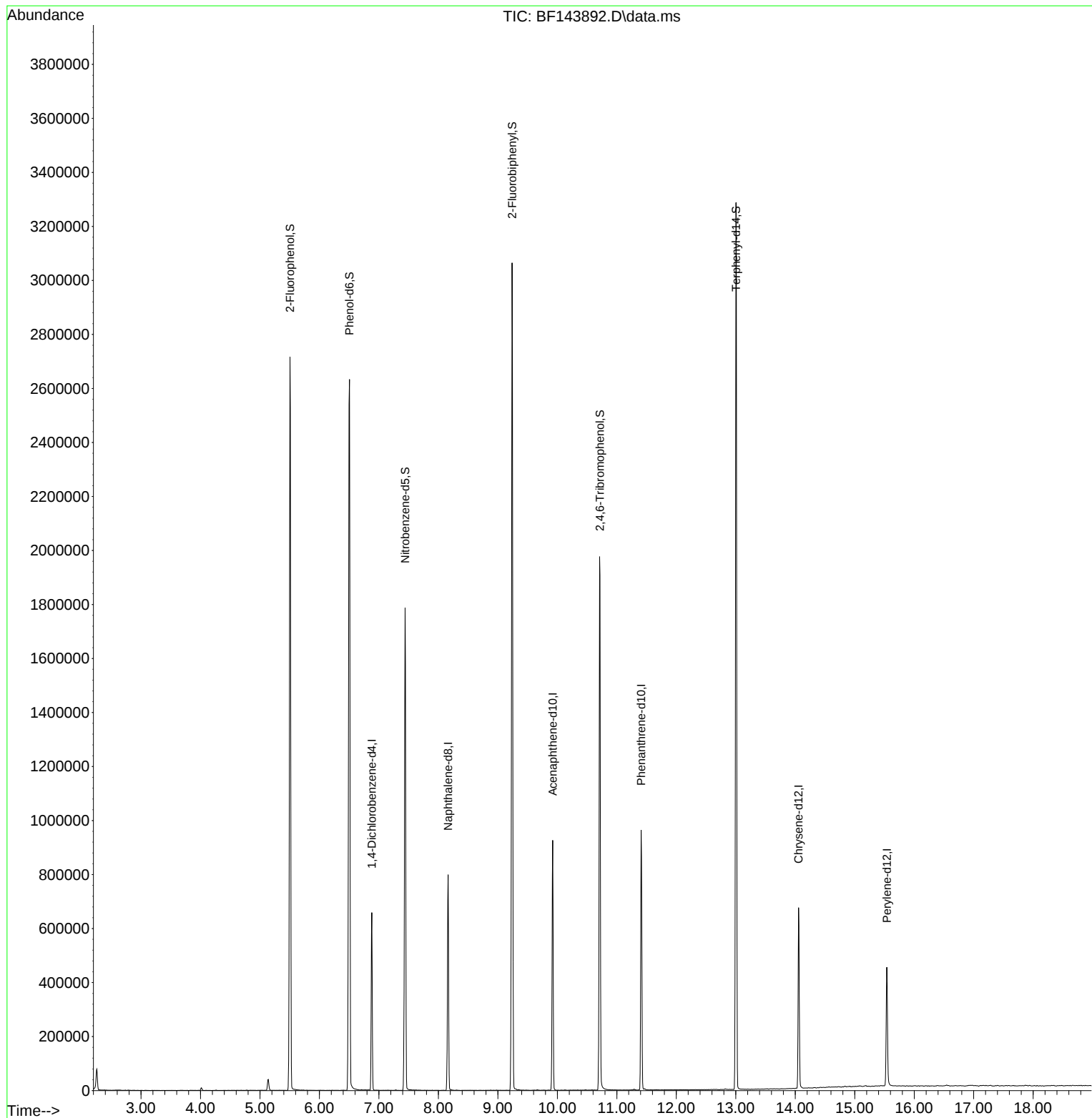
Target Compounds	Qvalue

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

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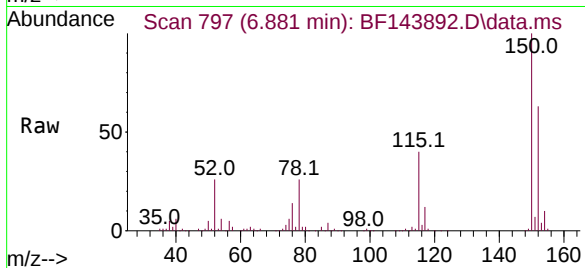
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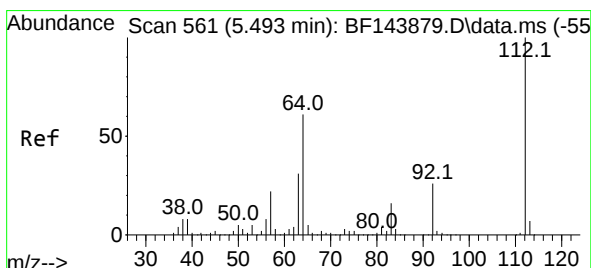
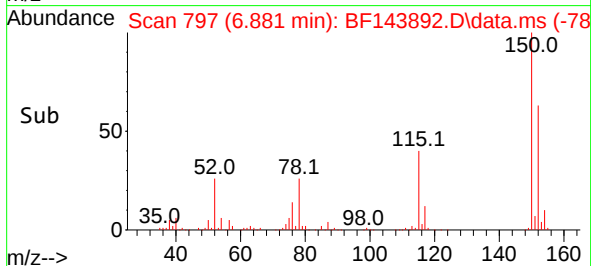
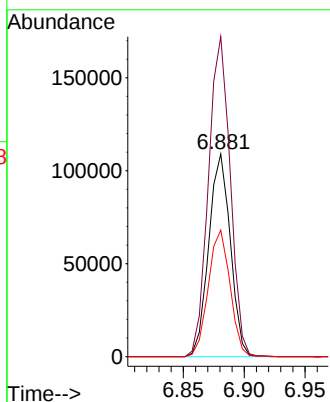


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143892.D
Acq: 08 Oct 2025 13:40

Instrument :
BNA_F
ClientSampleId :
PB170020BL

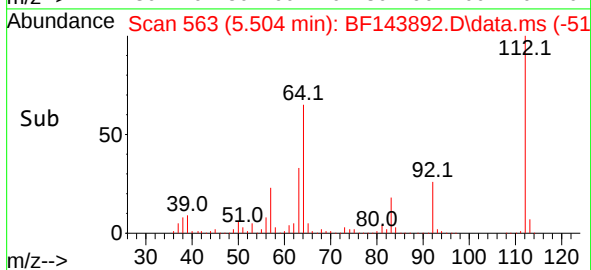
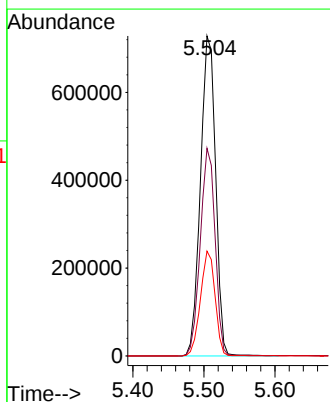
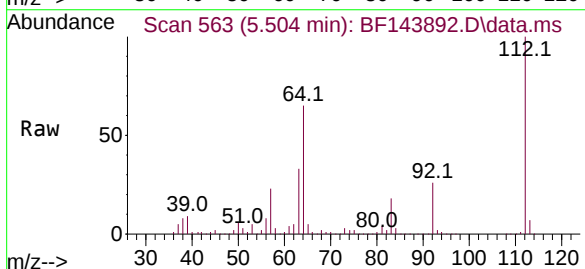


Tgt Ion:152 Resp: 134521
Ion Ratio Lower Upper
152 100
150 157.9 124.4 186.6
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 126.998 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143892.D
Acq: 08 Oct 2025 13:40

Tgt Ion:112 Resp: 1075820
Ion Ratio Lower Upper
112 100
64 64.9 49.1 73.7
63 32.7 24.5 36.7



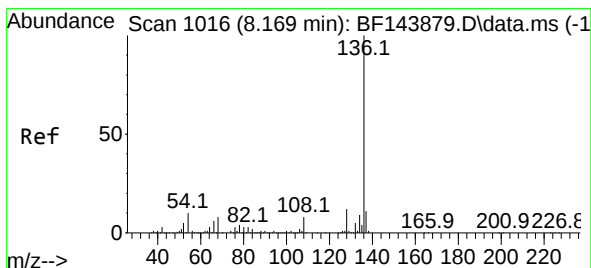
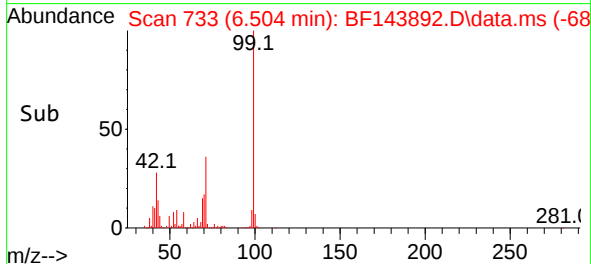
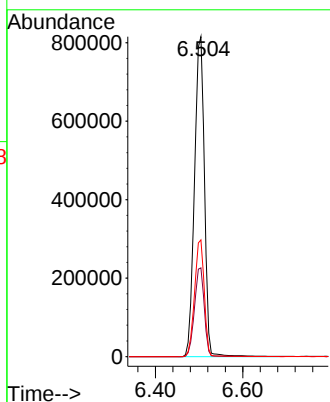
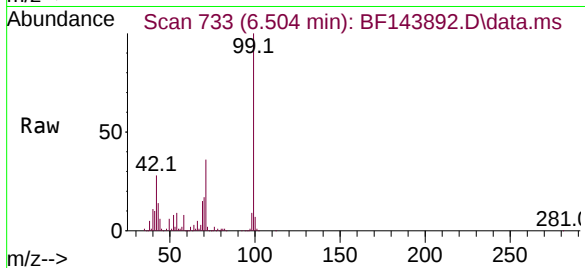


#7
Phenol-d6
Concen: 127.997 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143892.D
Acq: 08 Oct 2025 13:40

Instrument :
BNA_F
ClientSampleId :
PB170020BL

Tgt Ion: 99 Resp: 1292417

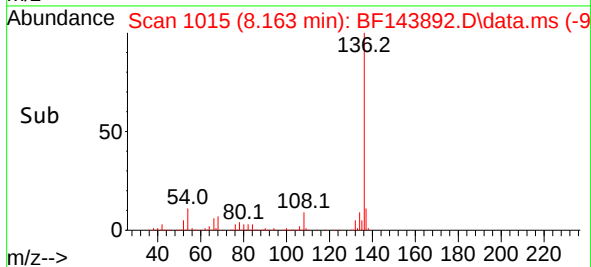
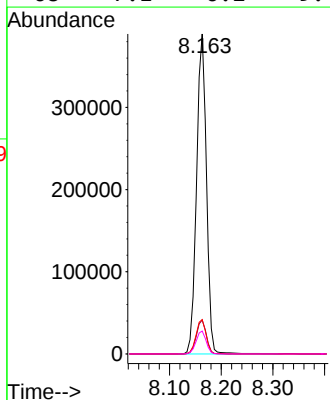
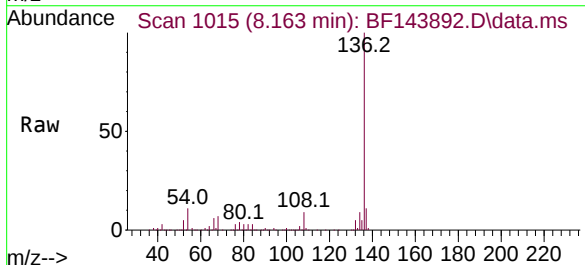
Ion	Ratio	Lower	Upper
99	100		
42	27.7	21.0	31.4
71	36.5	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143892.D
Acq: 08 Oct 2025 13:40

Tgt Ion: 136 Resp: 517410

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.7	8.2	12.4
68	7.1	6.2	9.4

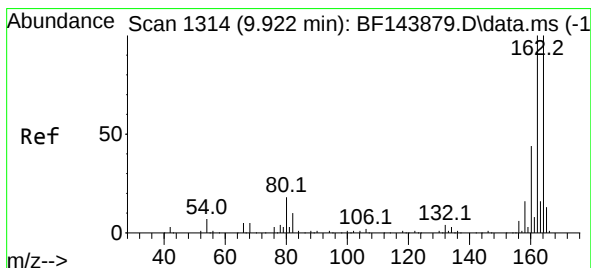
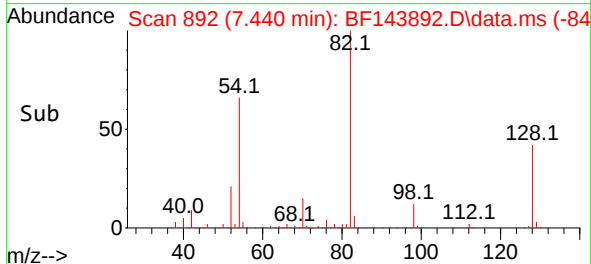
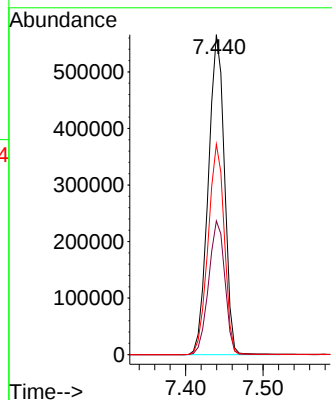
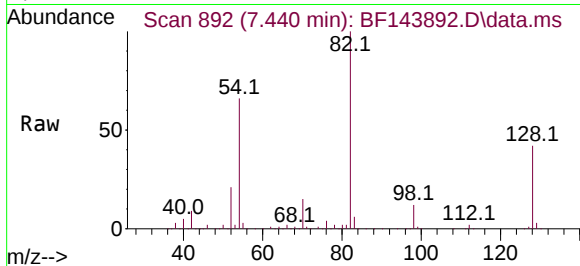




#23
Nitrobenzene-d5
Concen: 96.137 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF143892.D
Acq: 08 Oct 2025 13:40

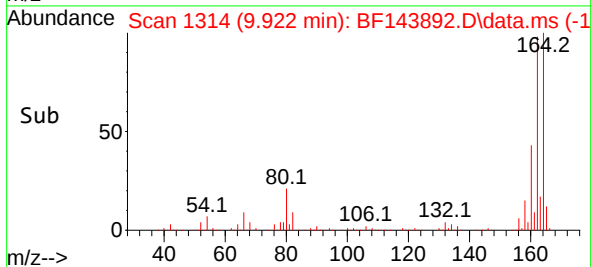
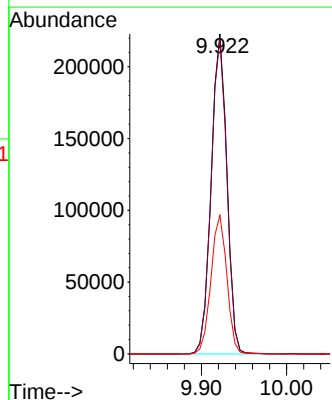
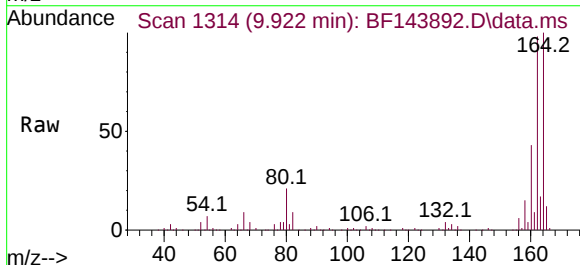
Instrument :
BNA_F
ClientSampleId :
PB170020BL

Tgt Ion: 82 Resp: 818734
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 65.8 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: BF143892.D
Acq: 08 Oct 2025 13:40

Tgt Ion:164 Resp: 285939
Ion Ratio Lower Upper
164 100
162 98.3 80.2 120.2
160 43.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 141.391 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143892.D

Acq: 08 Oct 2025 13:40

Instrument :

BNA_F

ClientSampleId :

PB170020BL

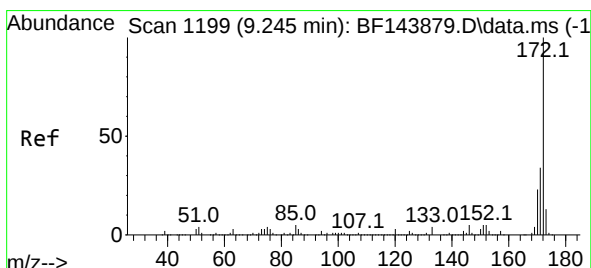
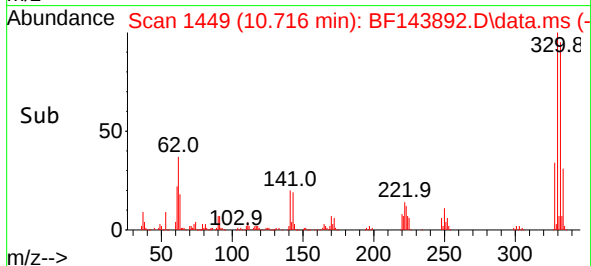
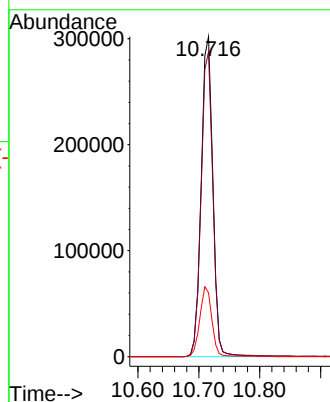
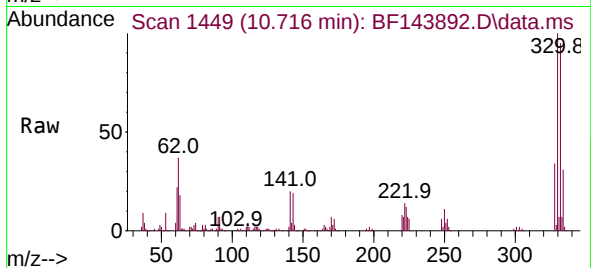
Tgt Ion:330 Resp: 402684

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 22.6 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 86.401 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143892.D

Acq: 08 Oct 2025 13:40

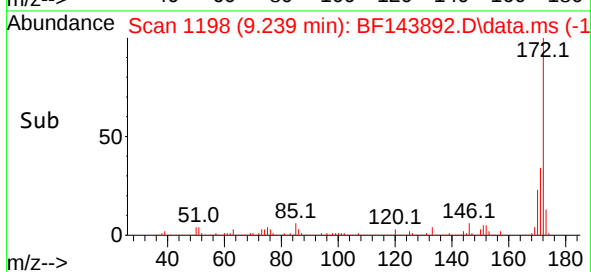
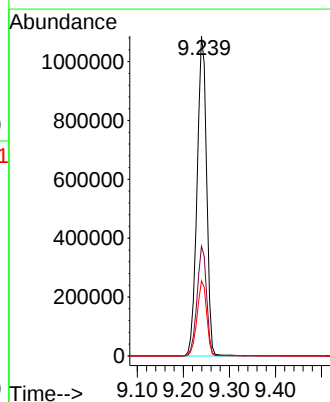
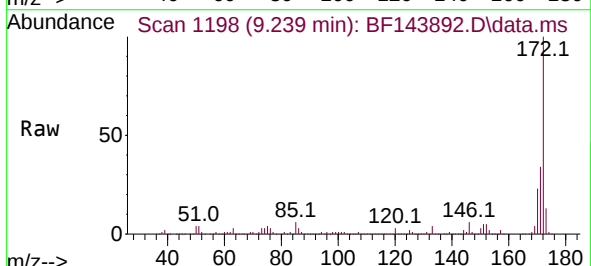
Tgt Ion:172 Resp: 1556997

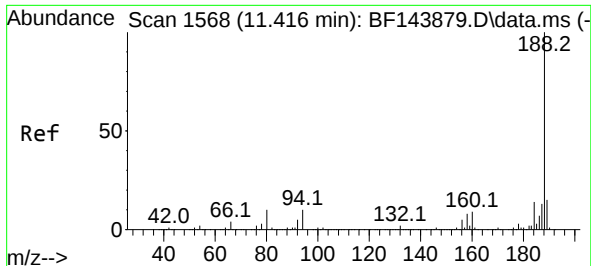
Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 23.5 18.6 28.0

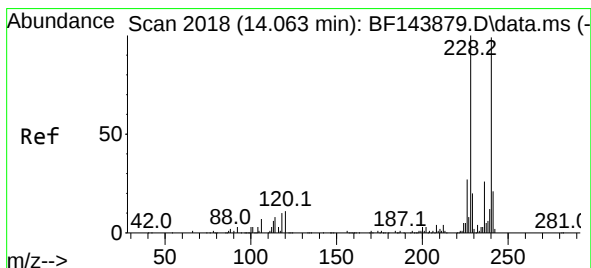
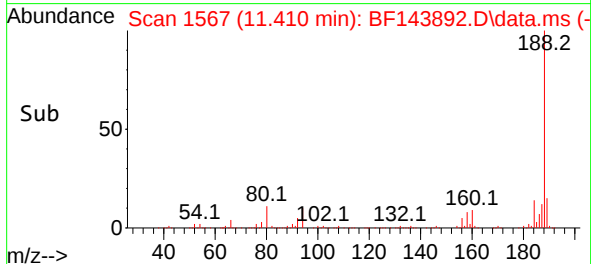
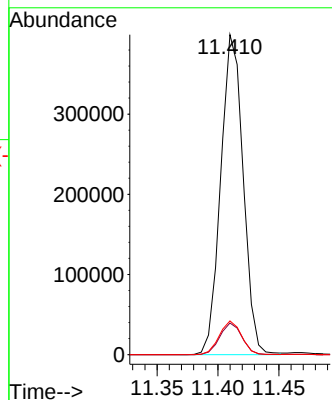
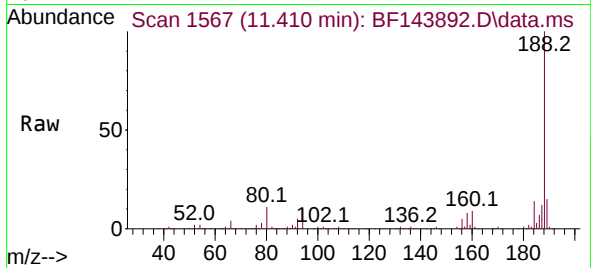




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143892.D
Acq: 08 Oct 2025 13:40

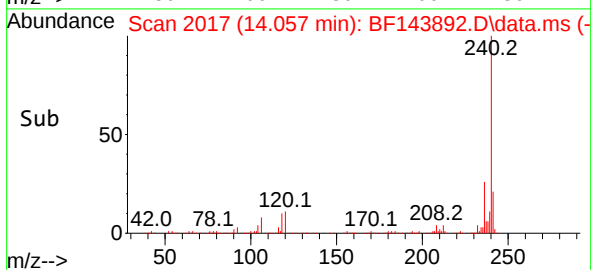
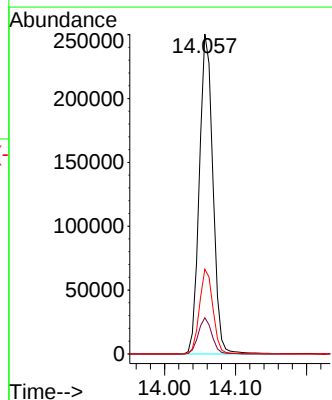
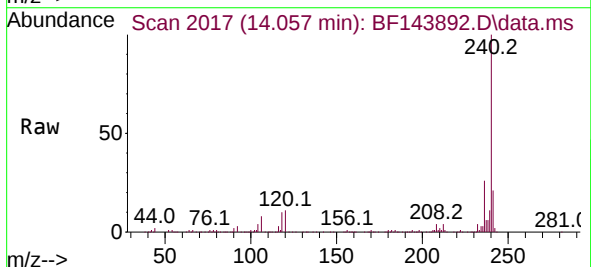
Instrument :
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ClientSampleId :
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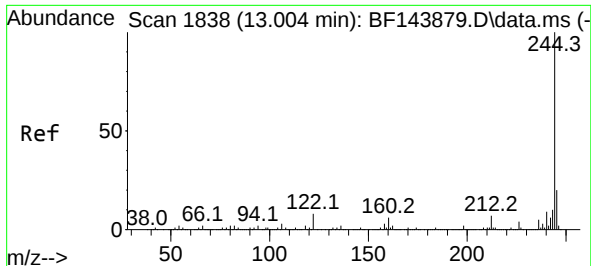
Tgt Ion:188 Resp: 510882
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143892.D
Acq: 08 Oct 2025 13:40

Tgt Ion:240 Resp: 330902
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 26.4 21.1 31.7

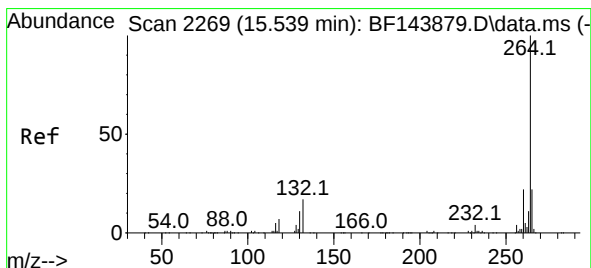
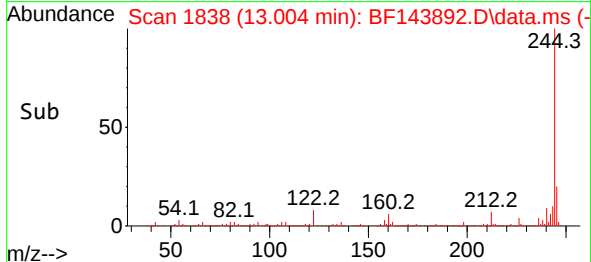
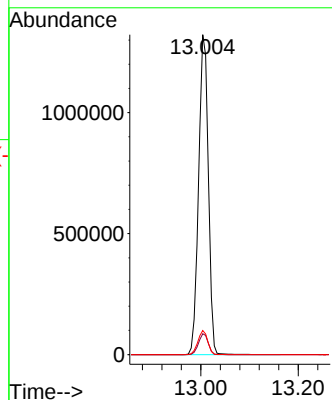
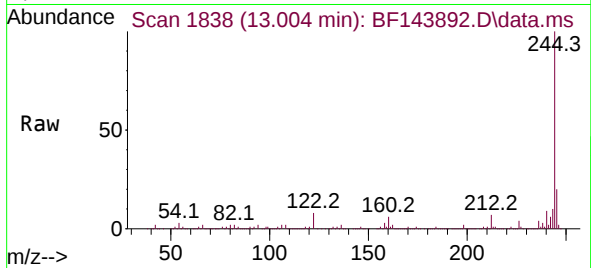




#79
 Terphenyl-d14
 Concen: 93.833 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143892.D
 Acq: 08 Oct 2025 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB170020BL

Tgt Ion:244 Resp: 1816751
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.5 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF143892.D
 Acq: 08 Oct 2025 13:40

Tgt Ion:264 Resp: 282263
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.8 26.8
 265 21.1 17.5 26.3

