

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143903.D
 Acq On : 08 Oct 2025 19:04
 Operator : RC/JU
 Sample : Q3305-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-100725

Quant Time: Oct 09 01:48:31 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	116663	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	427379	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	214770	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	329817	20.000	ng	0.00
76) Chrysene-d12	14.057	240	300694	20.000	ng	-0.01
86) Perylene-d12	15.539	264	262877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	151521	20.625	ng	-0.01
7) Phenol-d6	6.493	99	178590	20.394	ng	-0.02
23) Nitrobenzene-d5	7.434	82	94611	13.450	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	34044	15.915	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	210692	15.566	ng	-0.01
79) Terphenyl-d14	12.998	244	195518	11.113	ng	-0.01

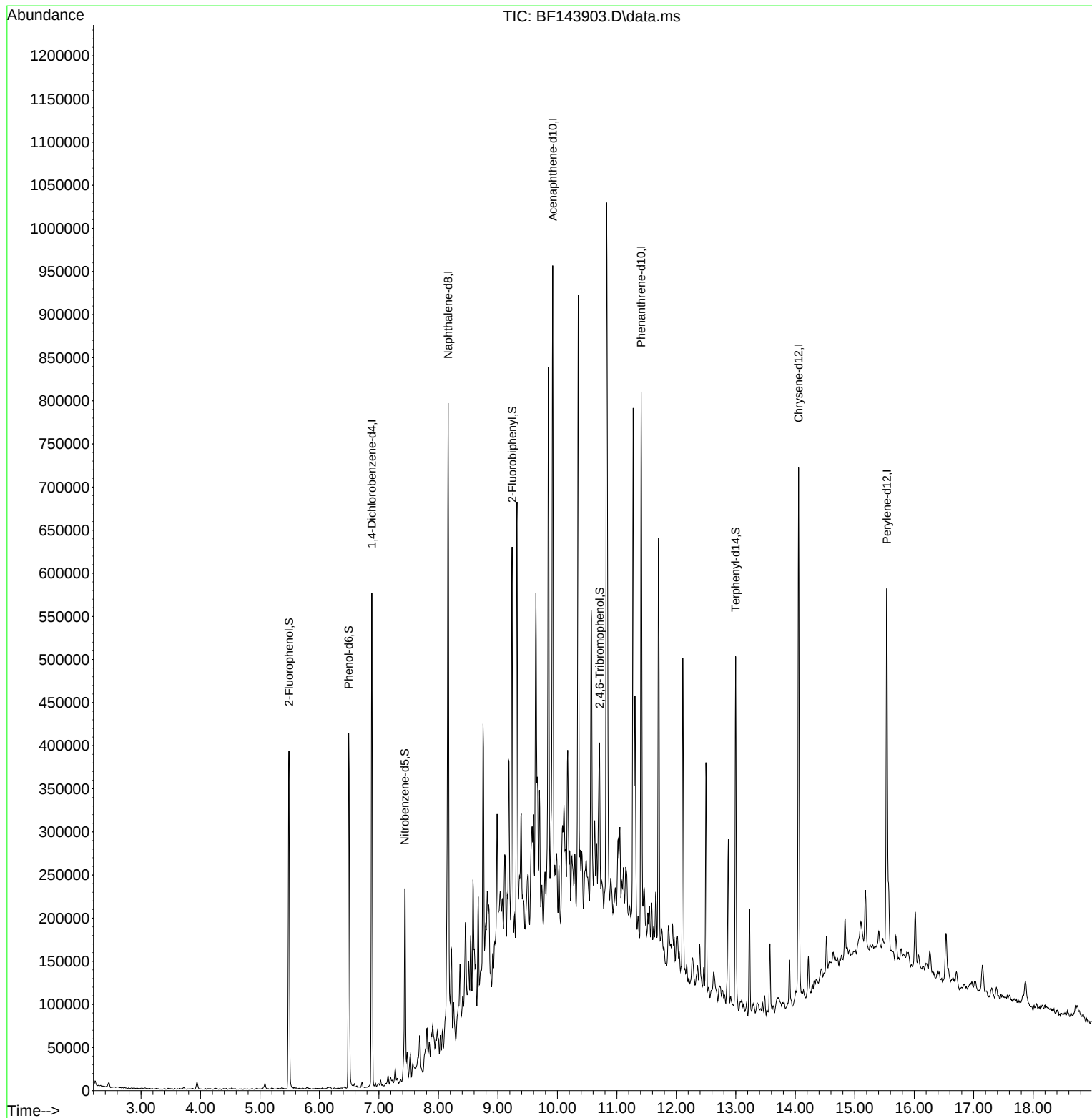
Target Compounds	Qvalue

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

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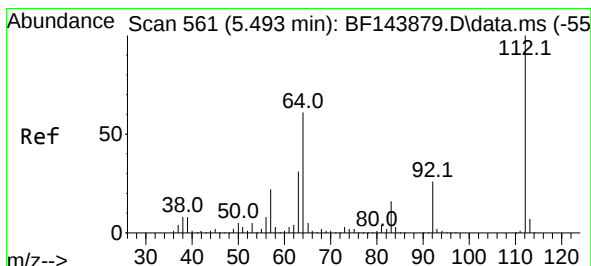
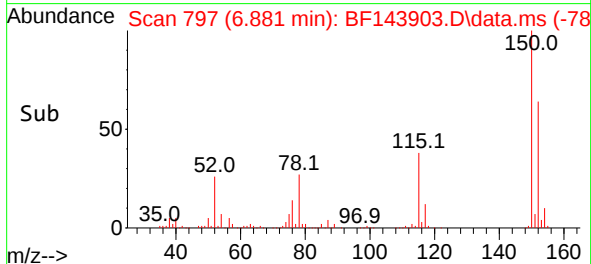
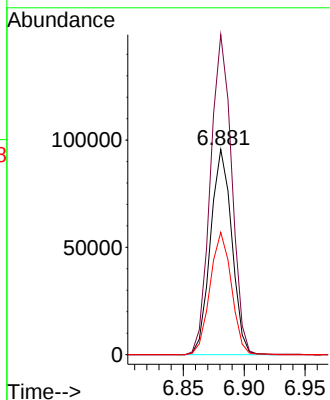
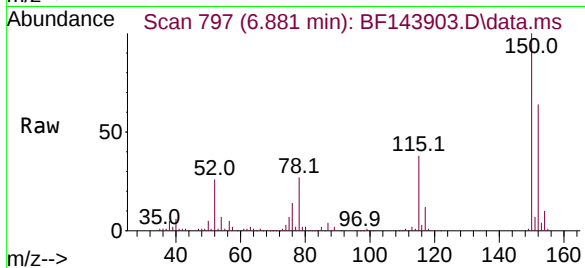




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143903.D
Acq: 08 Oct 2025 19:04

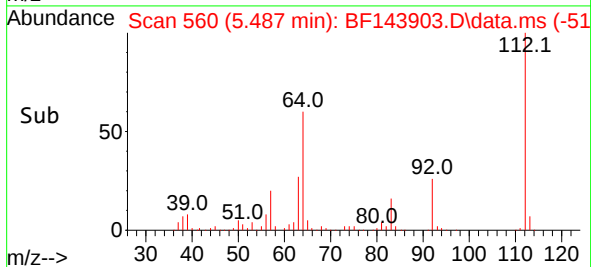
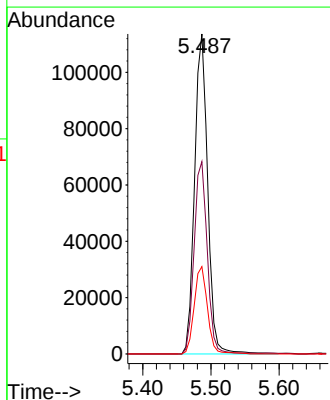
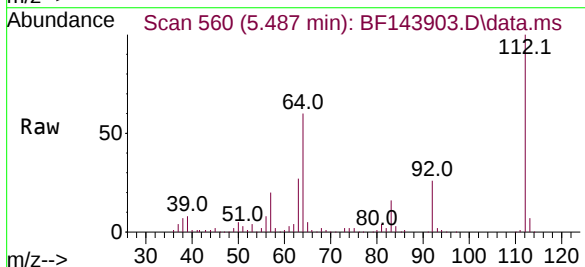
Instrument :
BNA_F
ClientSampleId :
AU-06-100725

Tgt Ion:152 Resp: 116663
Ion Ratio Lower Upper
152 100
150 156.0 124.4 186.6
115 59.6 48.1 72.1



#5
2-Fluorophenol
Concen: 20.625 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.012 min
Lab File: BF143903.D
Acq: 08 Oct 2025 19:04

Tgt Ion:112 Resp: 151521
Ion Ratio Lower Upper
112 100
64 60.1 49.1 73.7
63 27.3 24.5 36.7

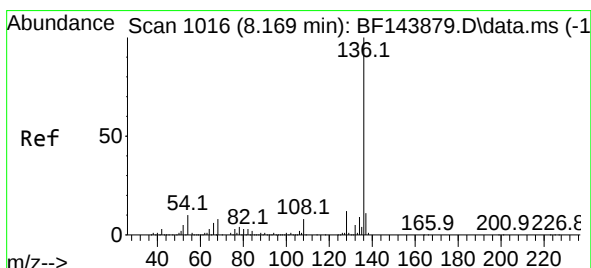
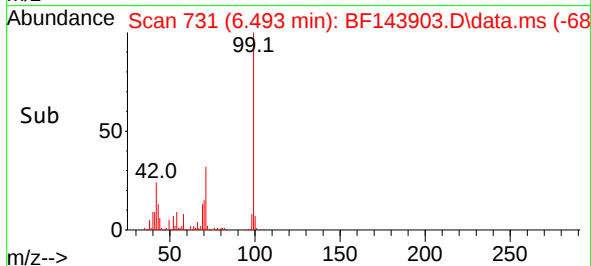
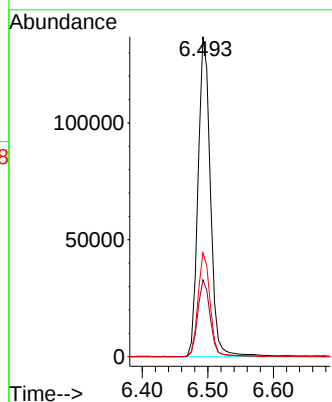
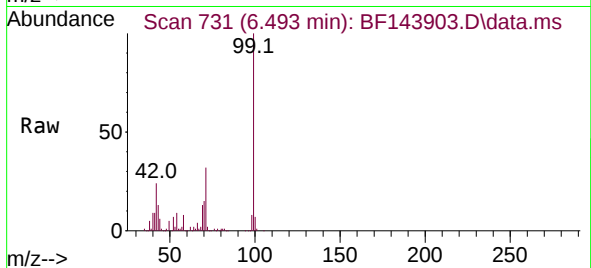




#7
Phenol-d6
Concen: 20.394 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.023 min
Lab File: BF143903.D
Acq: 08 Oct 2025 19:04

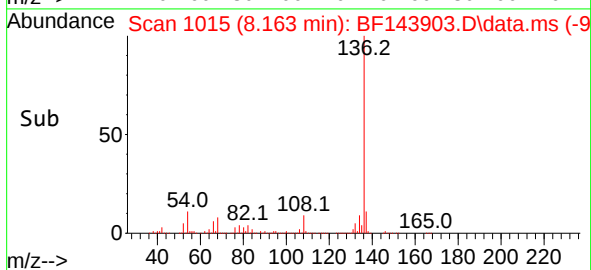
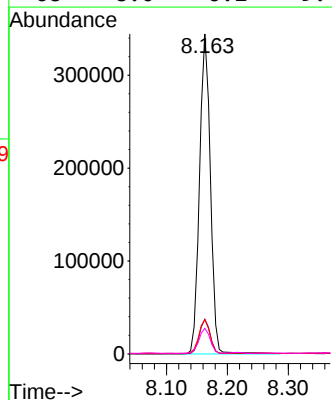
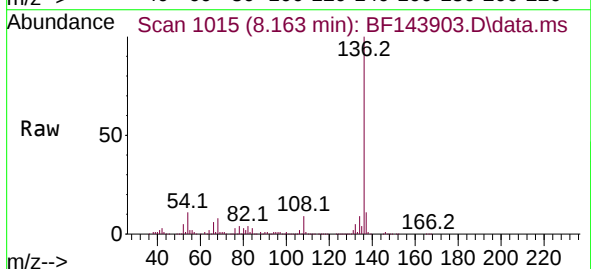
Instrument :
BNA_F
ClientSampleId :
AU-06-100725

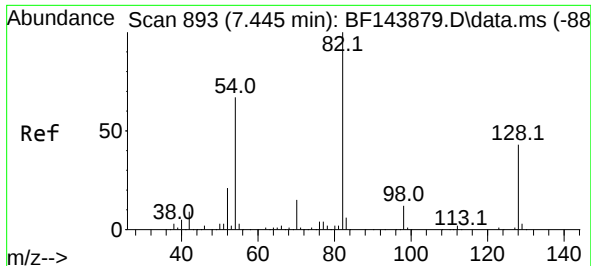
Tgt Ion: 99 Resp: 178590
Ion Ratio Lower Upper
99 100
42 24.0 21.0 31.4
71 32.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143903.D
Acq: 08 Oct 2025 19:04

Tgt Ion: 136 Resp: 427379
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.7 8.2 12.4
68 8.0 6.2 9.4





#23

Nitrobenzene-d5

Concen: 13.450 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF143903.D

Acq: 08 Oct 2025 19:04

Instrument :

BNA_F

ClientSampleId :

AU-06-100725

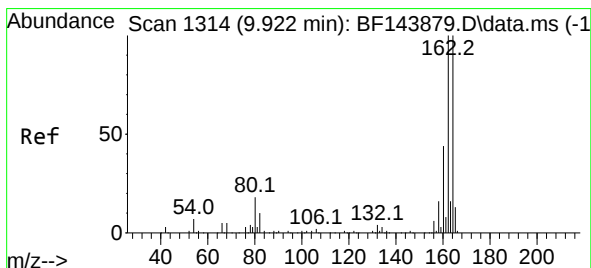
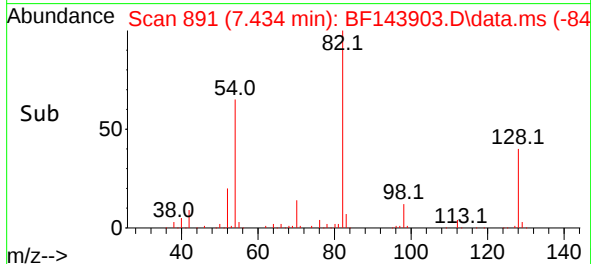
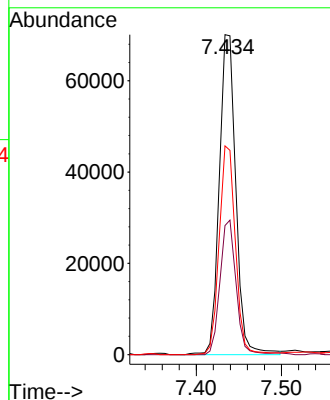
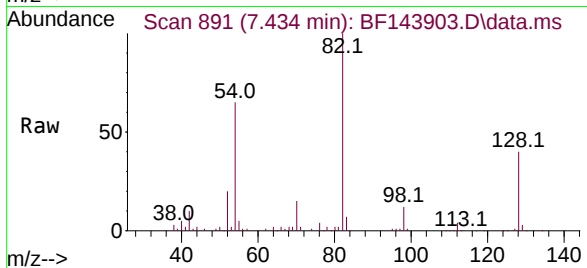
Tgt Ion: 82 Resp: 94611

Ion Ratio Lower Upper

82 100

128 40.3 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: BF143903.D

Acq: 08 Oct 2025 19:04

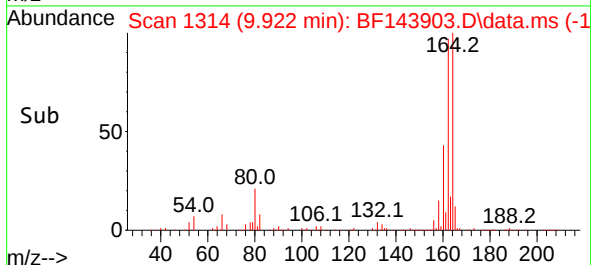
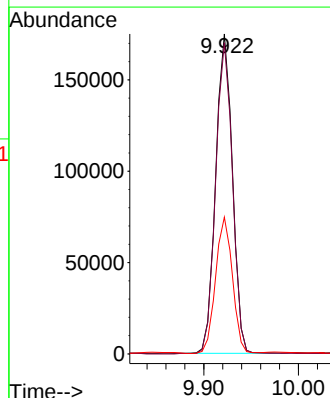
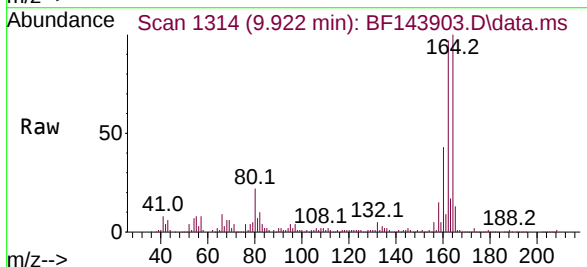
Tgt Ion: 164 Resp: 214770

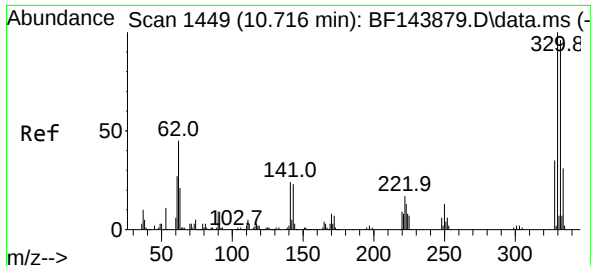
Ion Ratio Lower Upper

164 100

162 97.2 80.2 120.2

160 42.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 15.915 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF143903.D

Acq: 08 Oct 2025 19:04

Instrument :

BNA_F

ClientSampleId :

AU-06-100725

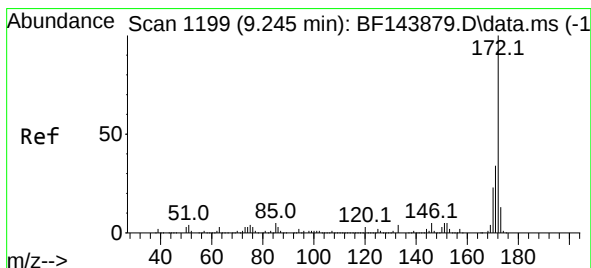
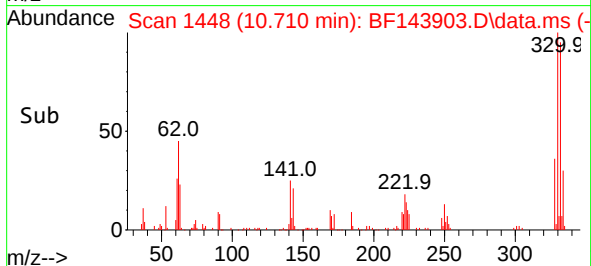
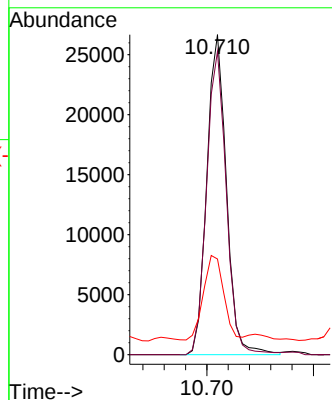
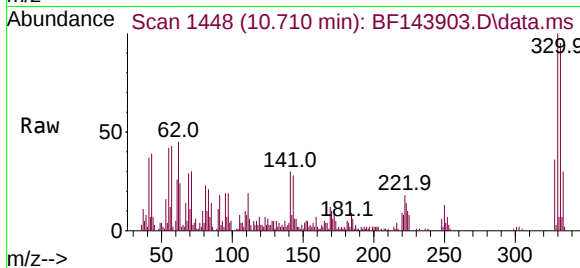
Tgt Ion:330 Resp: 34044

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 28.4 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 15.566 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143903.D

Acq: 08 Oct 2025 19:04

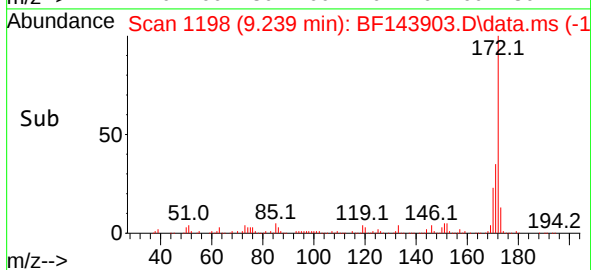
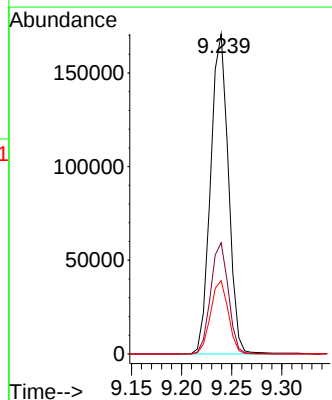
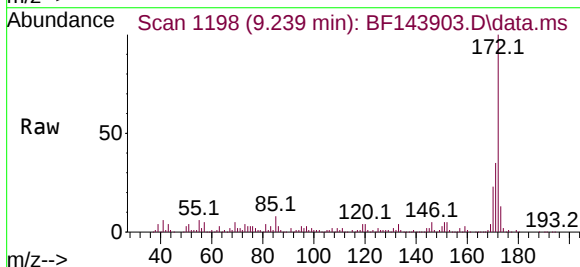
Tgt Ion:172 Resp: 210692

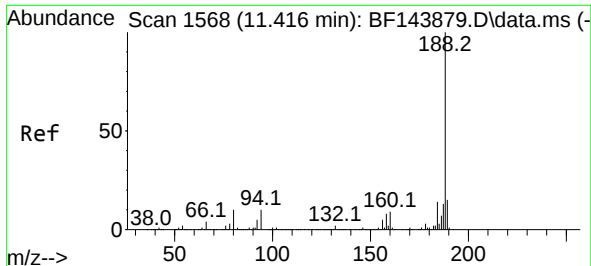
Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 22.9 18.6 28.0

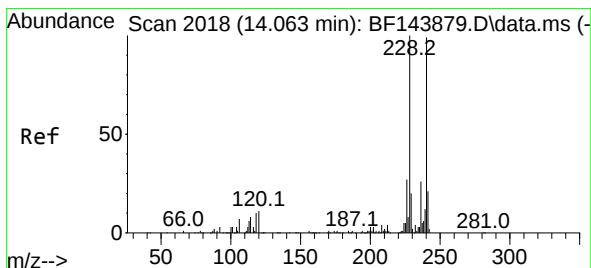
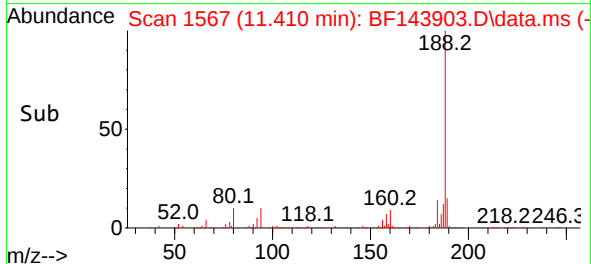
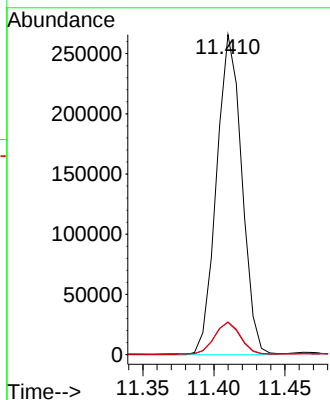
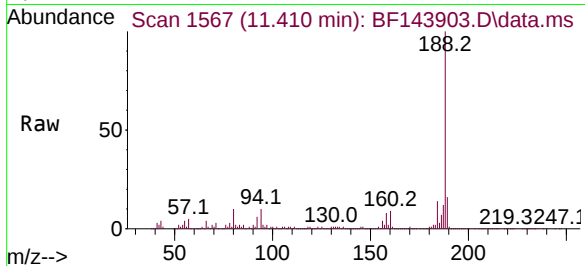




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143903.D
Acq: 08 Oct 2025 19:04

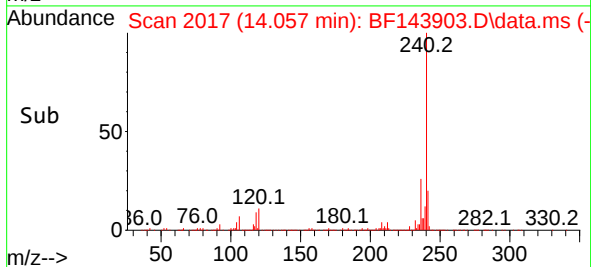
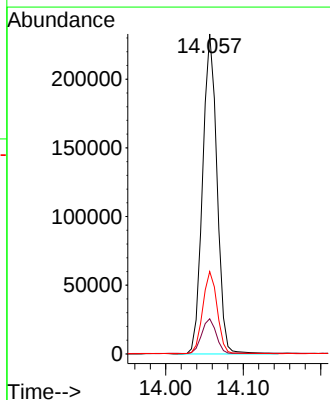
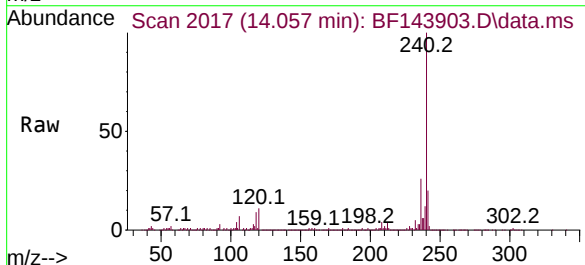
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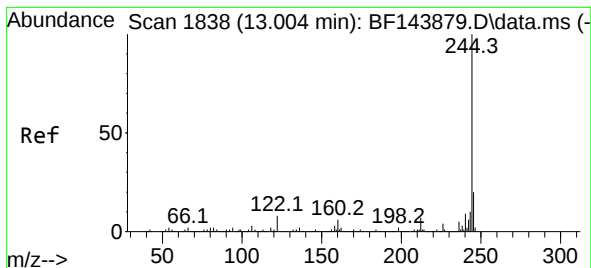
Tgt Ion:188 Resp: 329817
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143903.D
Acq: 08 Oct 2025 19:04

Tgt Ion:240 Resp: 300694
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 11.113 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143903.D

Acq: 08 Oct 2025 19:04

Instrument :

BNA_F

ClientSampleId :

AU-06-100725

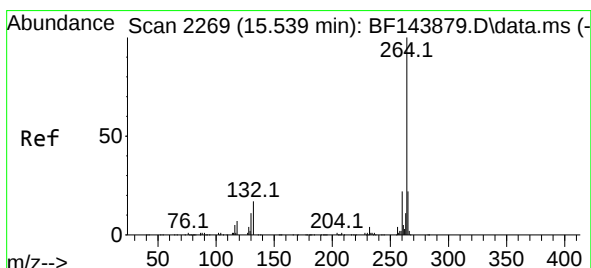
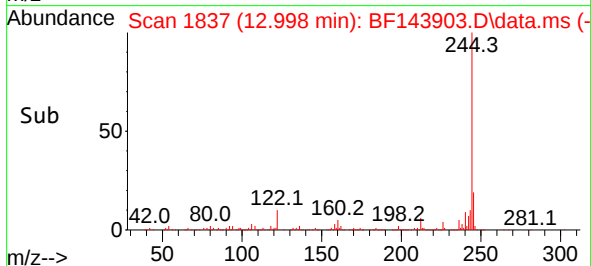
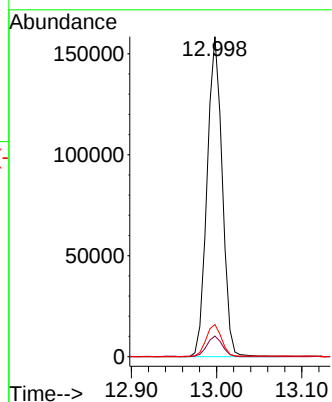
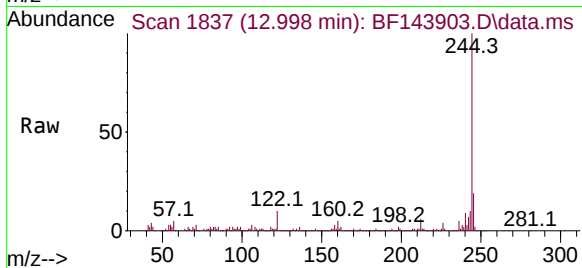
Tgt Ion:244 Resp: 195518

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 10.0 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: BF143903.D

Acq: 08 Oct 2025 19:04

Tgt Ion:264 Resp: 262877

Ion Ratio Lower Upper

264 100

260 20.9 17.8 26.8

265 20.1 17.5 26.3

