

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144020.D
 Acq On : 21 Oct 2025 18:59
 Operator : RC/JU
 Sample : Q3402-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41-LB

Quant Time: Oct 22 11:11:15 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)

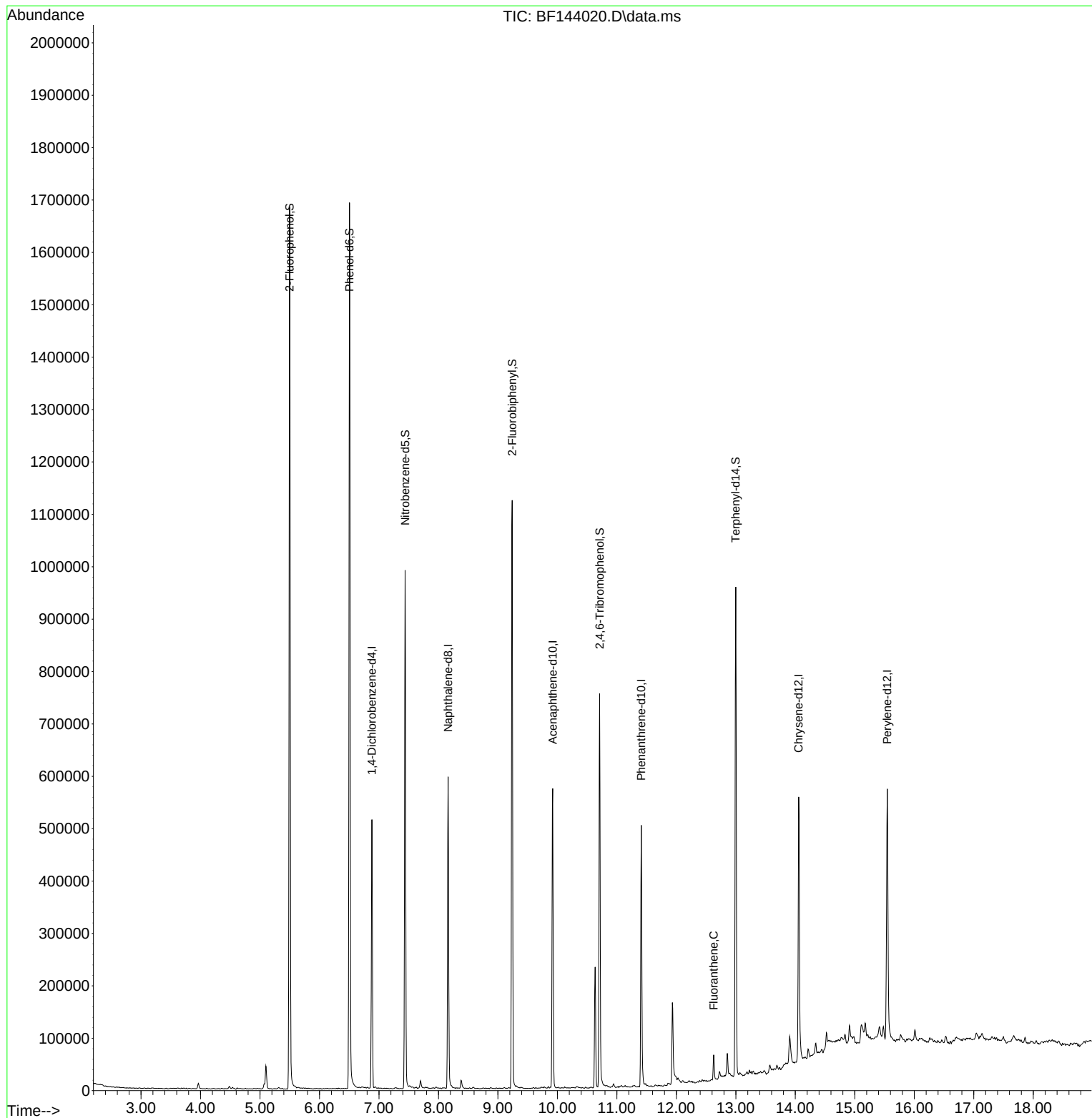
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	103712	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	369572	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	175611	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	260074	20.000	ng	0.00
76) Chrysene-d12	14.057	240	238560	20.000	ng	-0.01
86) Perylene-d12	15.545	264	303823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	648720	99.329	ng	0.00
7) Phenol-d6	6.504	99	757140	97.260	ng	-0.01
23) Nitrobenzene-d5	7.440	82	415317	68.275	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	137061	78.360	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	543646	49.121	ng	-0.01
79) Terphenyl-d14	12.998	244	469485	33.635	ng	-0.01
Target Compounds						
75) Fluoranthene	12.627	202	27065	2.078	ng	99

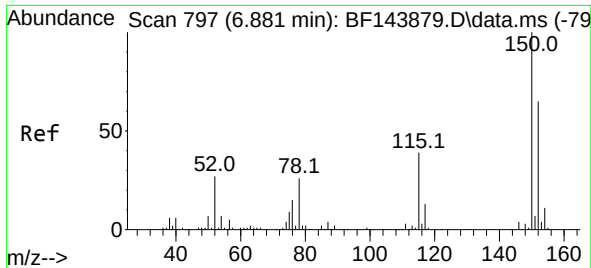
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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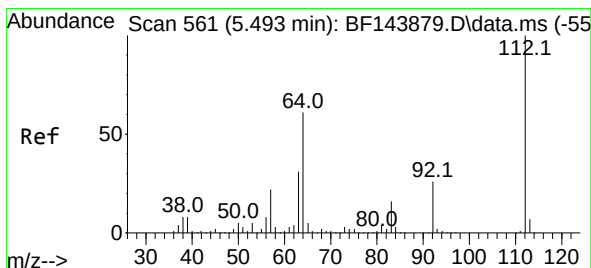
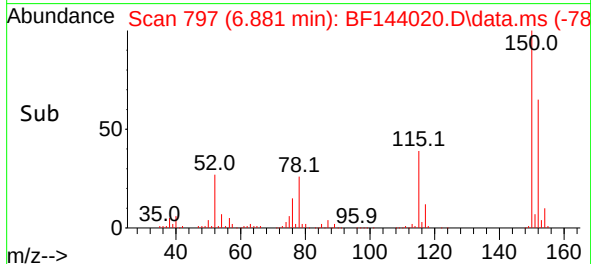
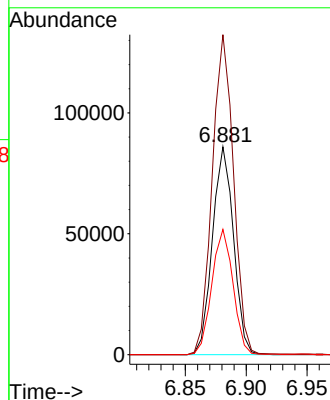
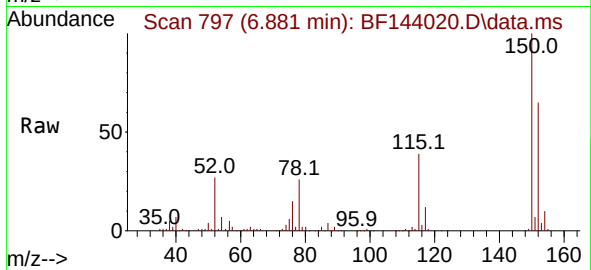




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF144020.D
 Acq: 21 Oct 2025 18:59

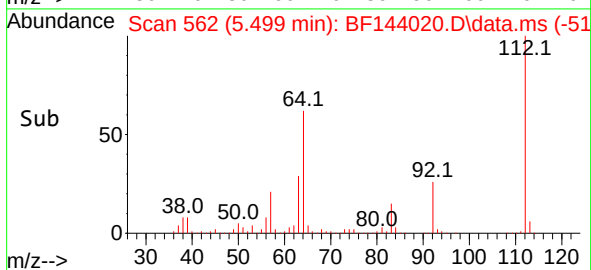
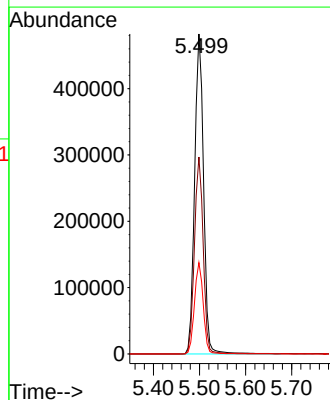
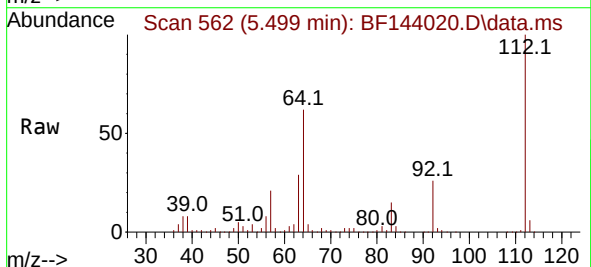
Instrument :
 BNA_F
 ClientSampleId :
 41-LB

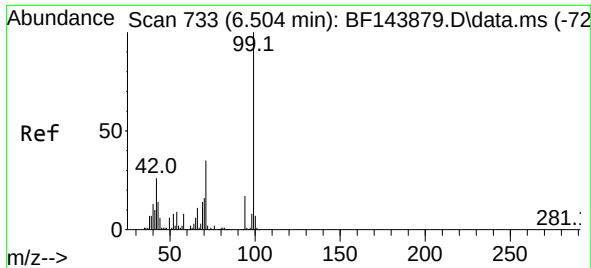
Tgt Ion:152 Resp: 103712
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.4 186.6
 115 60.3 48.1 72.1



#5
 2-Fluorophenol
 Concen: 99.329 ng
 RT: 5.499 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF144020.D
 Acq: 21 Oct 2025 18:59

Tgt Ion:112 Resp: 648720
 Ion Ratio Lower Upper
 112 100
 64 61.5 49.1 73.7
 63 28.6 24.5 36.7

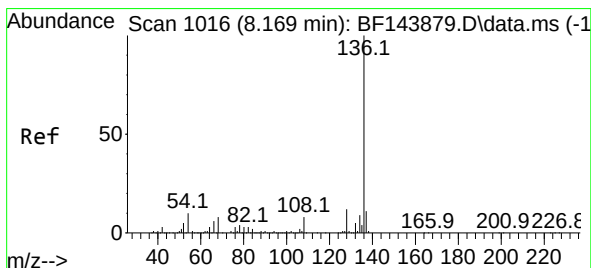
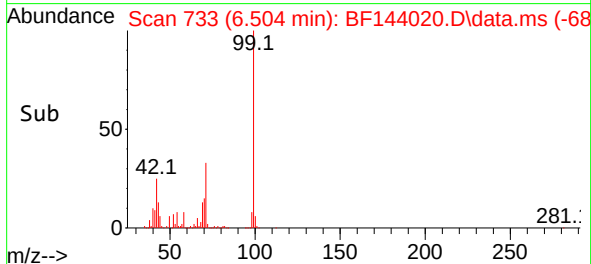
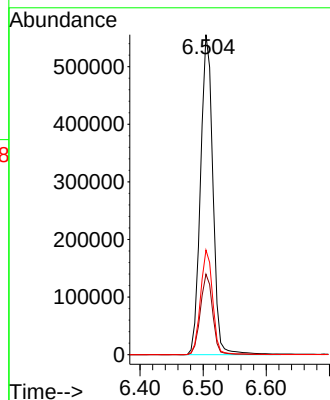
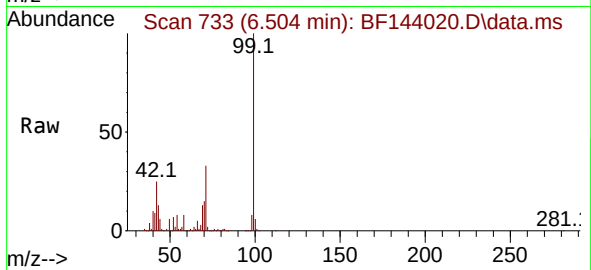




#7
Phenol-d6
Concen: 97.260 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144020.D
Acq: 21 Oct 2025 18:59

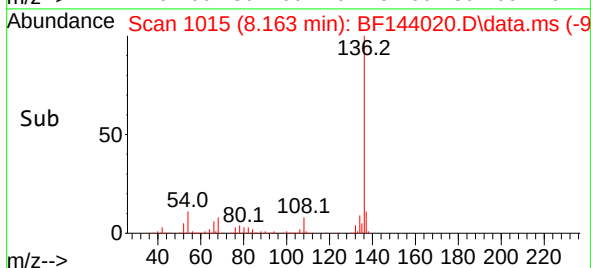
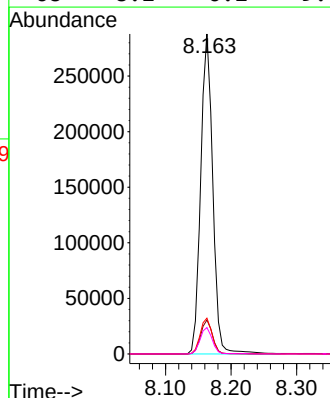
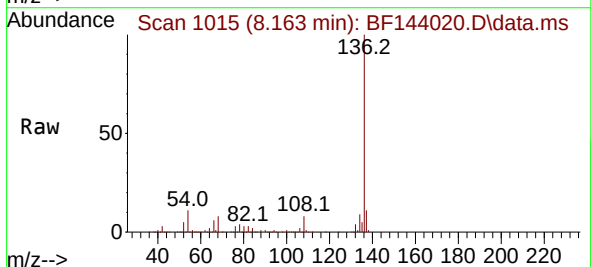
Instrument :
BNA_F
ClientSampleId :
41-LB

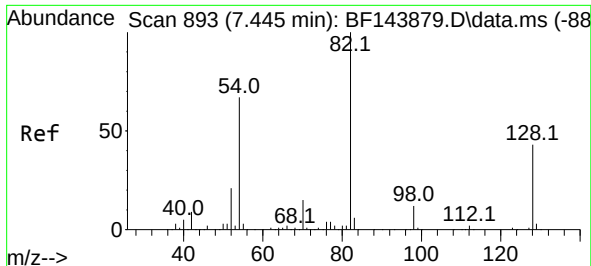
Tgt Ion: 99 Resp: 757140
Ion Ratio Lower Upper
99 100
42 25.2 21.0 31.4
71 32.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144020.D
Acq: 21 Oct 2025 18:59

Tgt Ion:136 Resp: 369572
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 11.2 8.2 12.4
68 8.2 6.2 9.4





#23

Nitrobenzene-d5

Concen: 68.275 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144020.D

Acq: 21 Oct 2025 18:59

Instrument :

BNA_F

ClientSampleId :

41-LB

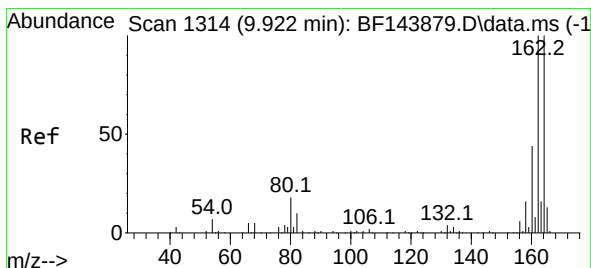
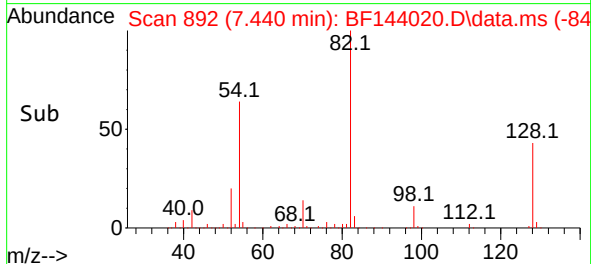
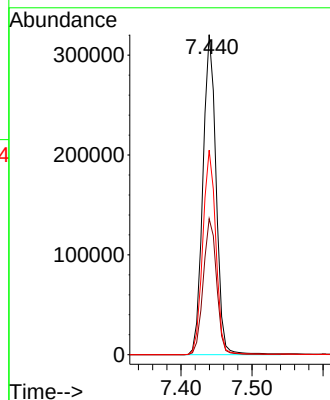
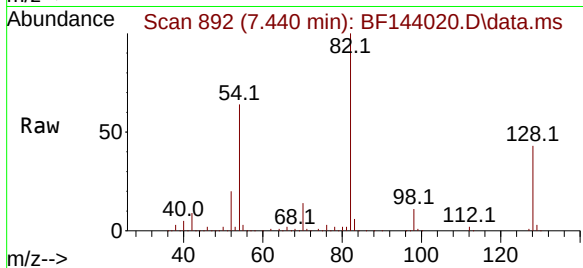
Tgt Ion: 82 Resp: 415317

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

54 63.9 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: BF144020.D

Acq: 21 Oct 2025 18:59

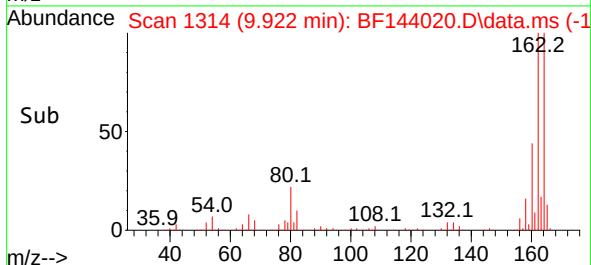
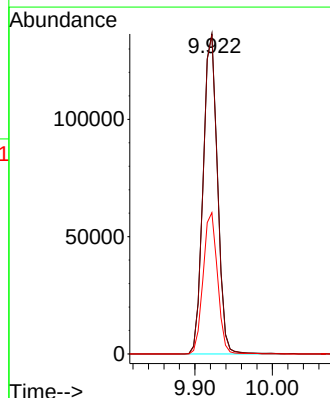
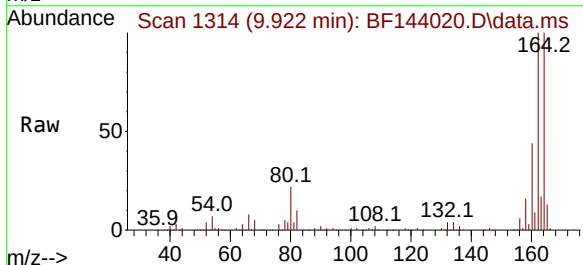
Tgt Ion:164 Resp: 175611

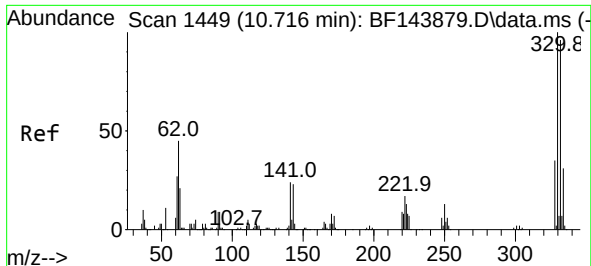
Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.360 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144020.D

Acq: 21 Oct 2025 18:59

Instrument :

BNA_F

ClientSampleId :

41-LB

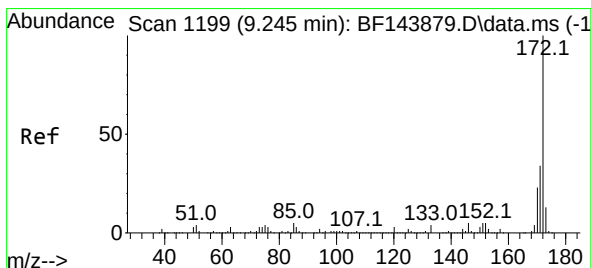
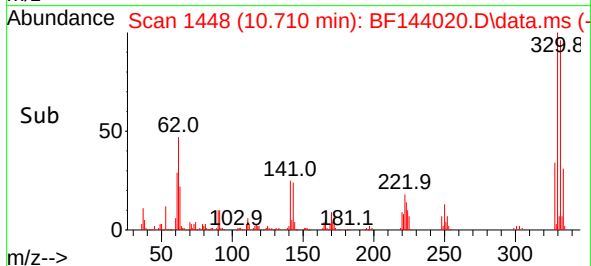
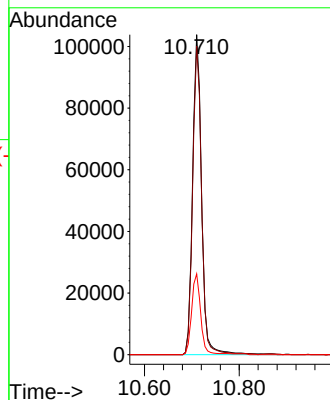
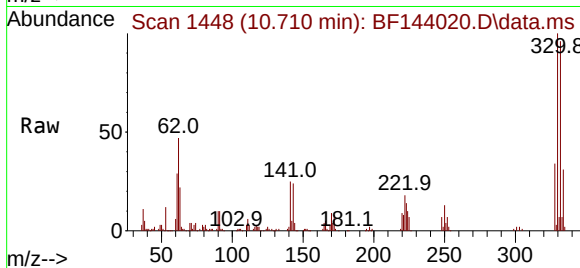
Tgt Ion:330 Resp: 137061

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

141 25.9 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 49.121 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144020.D

Acq: 21 Oct 2025 18:59

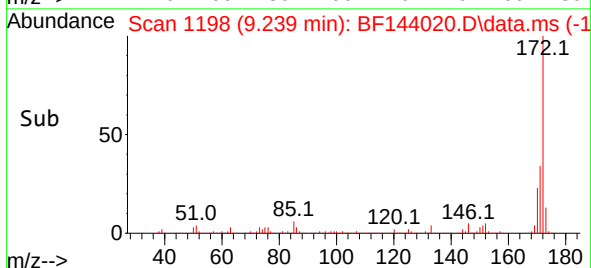
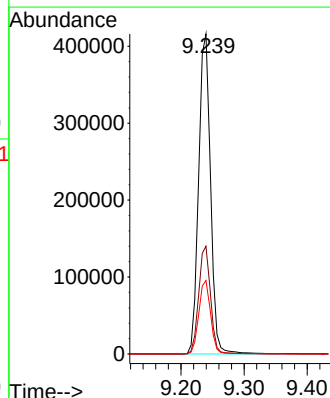
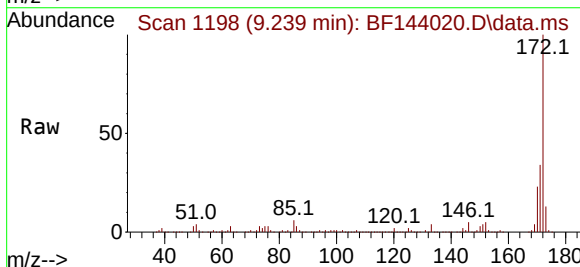
Tgt Ion:172 Resp: 543646

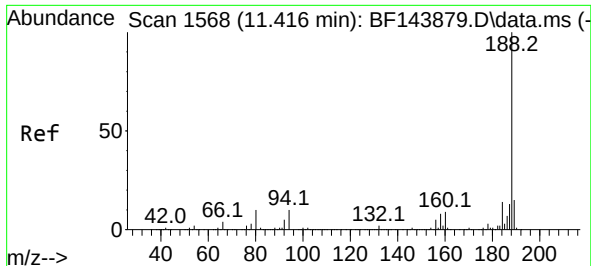
Ion Ratio Lower Upper

172 100

171 33.6 27.4 41.0

170 22.9 18.6 28.0

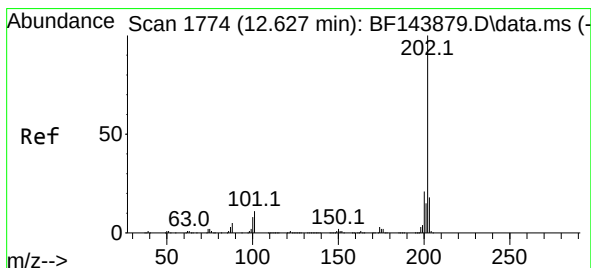
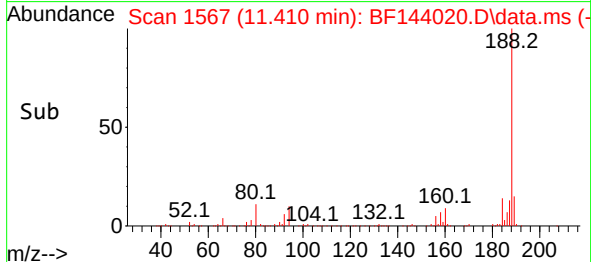
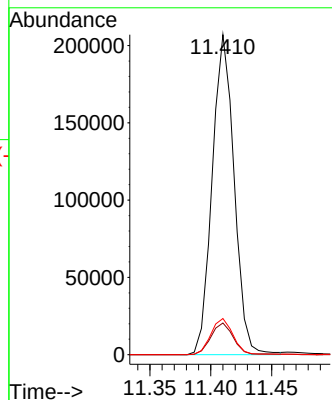
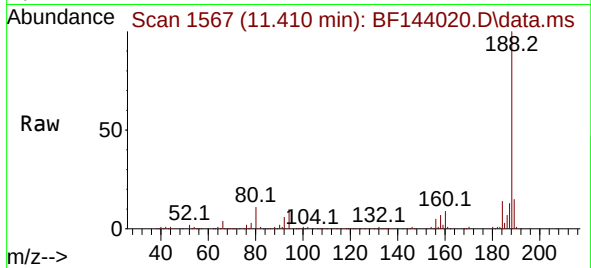




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144020.D
Acq: 21 Oct 2025 18:59

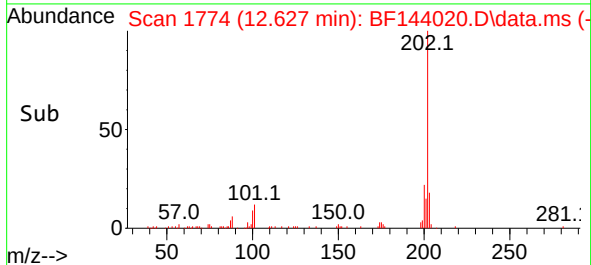
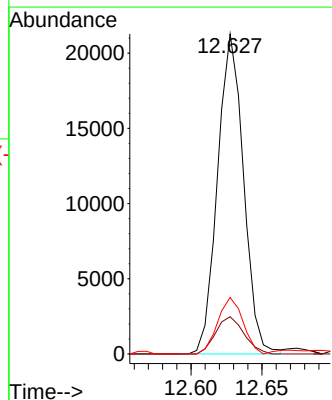
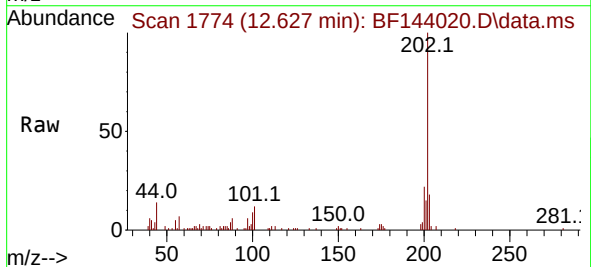
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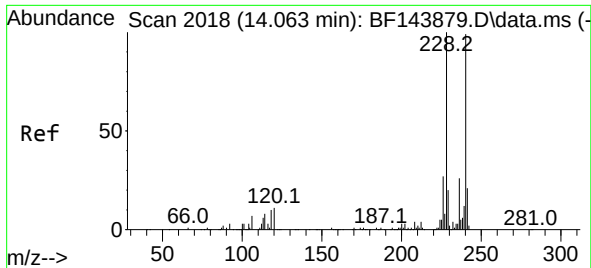
Tgt Ion:188 Resp: 260074
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 11.3 7.9 11.9



#75
Fluoranthene
Concen: 2.078 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144020.D
Acq: 21 Oct 2025 18:59

Tgt Ion:202 Resp: 27065
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 17.6 0.0 37.8

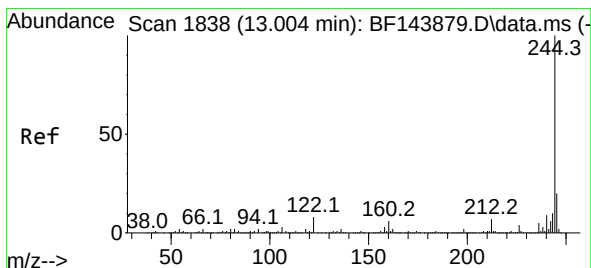
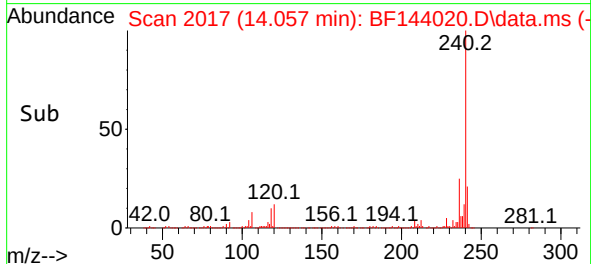
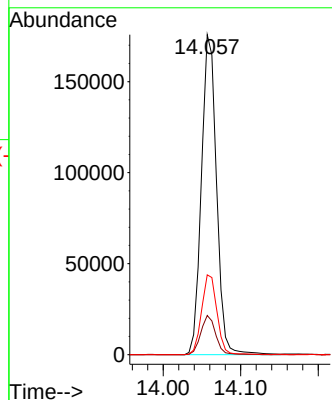
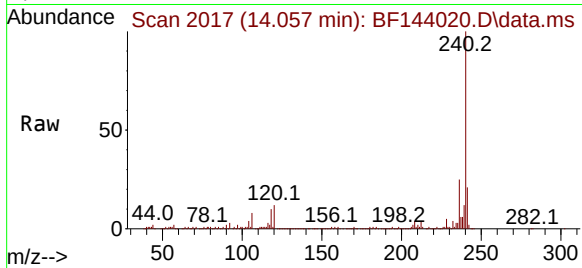




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF144020.D
Acq: 21 Oct 2025 18:59

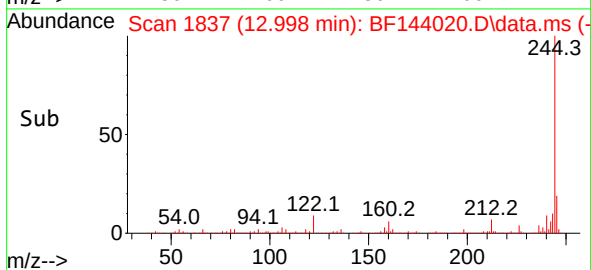
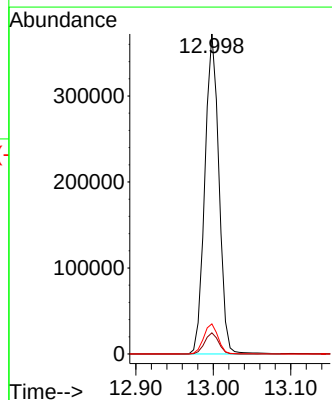
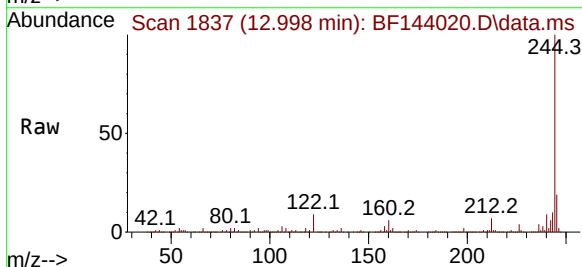
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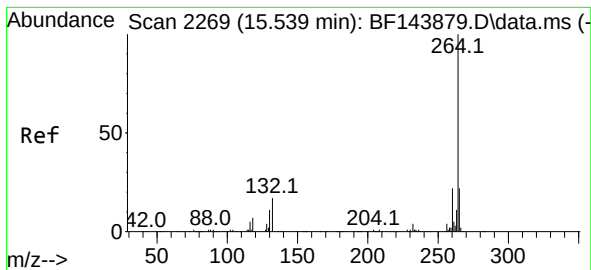
Tgt Ion:240 Resp: 238560
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 24.9 21.1 31.7



#79
Terphenyl-d14
Concen: 33.635 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF144020.D
Acq: 21 Oct 2025 18:59

Tgt Ion:244 Resp: 469485
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.4 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144020.D

Acq: 21 Oct 2025 18:59

Instrument :

BNA_F

ClientSampleId :

41-LB

Tgt Ion:264 Resp: 303823

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

265 22.0 17.5 26.3

