

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144018.D
 Acq On : 21 Oct 2025 18:01
 Operator : RC/JU
 Sample : Q3375-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S02-010074-20251016

Quant Time: Oct 21 18:24:22 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)

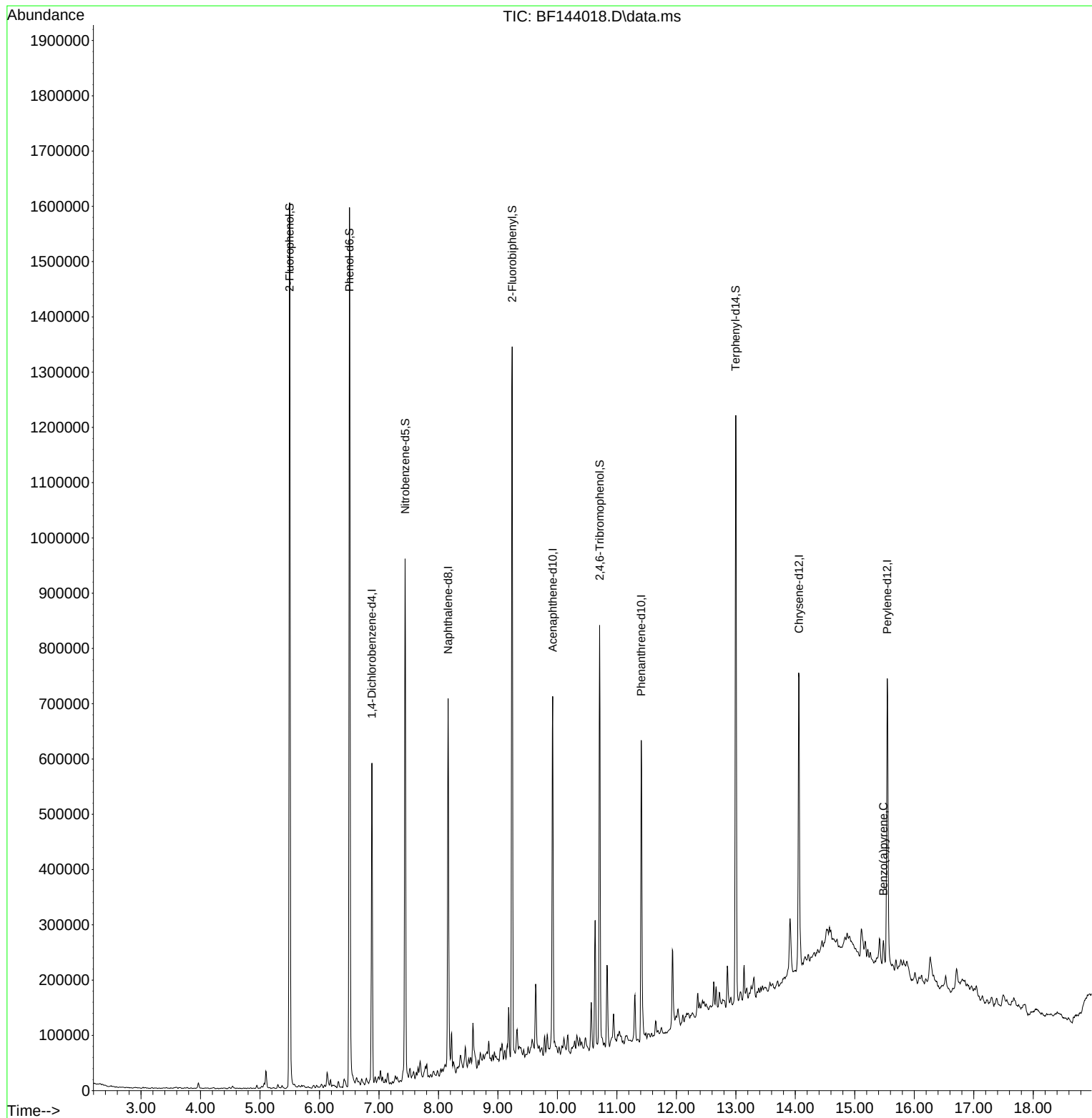
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114769	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	412633	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190672	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	289518	20.000	ng	0.00
76) Chrysene-d12	14.063	240	267469	20.000	ng	0.00
86) Perylene-d12	15.545	264	332355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	611499	84.609	ng	0.00
7) Phenol-d6	6.504	99	708851	82.284	ng	-0.01
23) Nitrobenzene-d5	7.440	82	390907	57.556	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	137810	72.565	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	609475	50.719	ng	-0.01
79) Terphenyl-d14	12.998	244	553454	35.365	ng	-0.01
Target Compounds						
90) Benzo(a)pyrene	15.480	252	34714	2.097	ng	Qvalue # 85

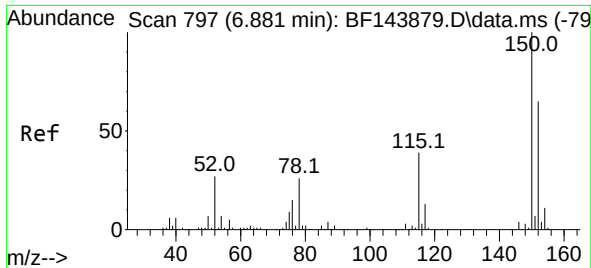
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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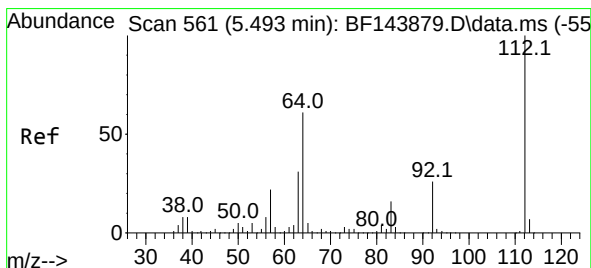
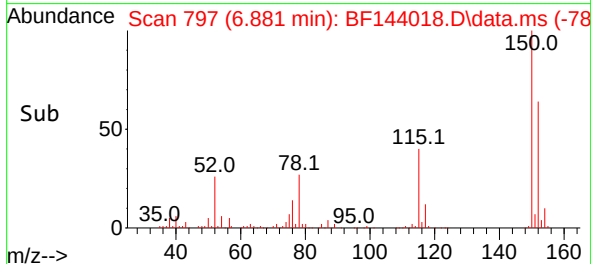
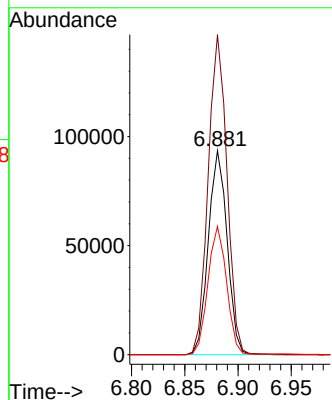
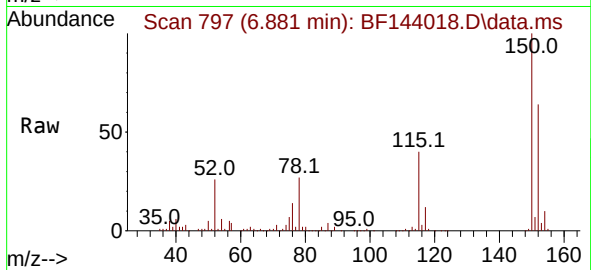




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.005 min
 Lab File: BF144018.D
 Acq: 21 Oct 2025 18:01

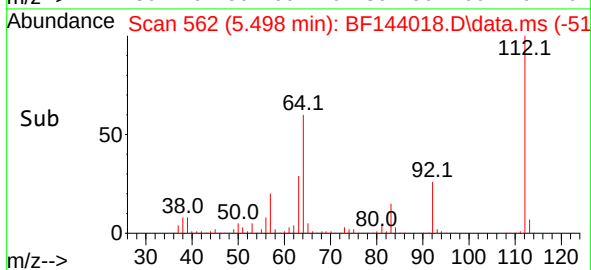
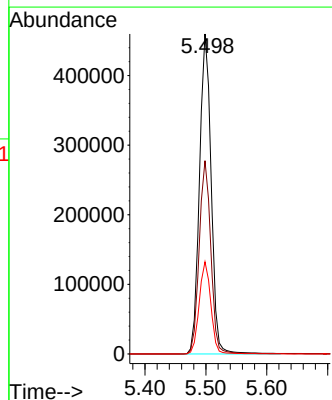
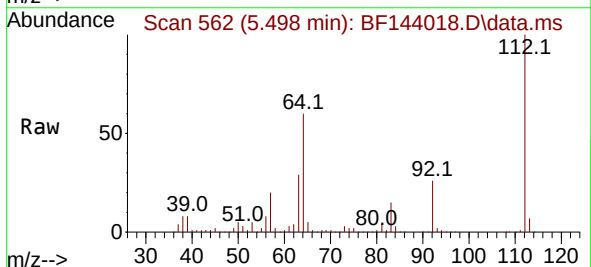
Instrument :
 BNA_F
 ClientSampleId :
 PR132-S02-010074-20251016

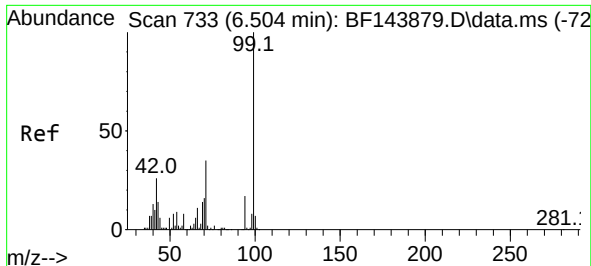
Tgt Ion:152 Resp: 114769
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.4 186.6
 115 62.9 48.1 72.1



#5
 2-Fluorophenol
 Concen: 84.609 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF144018.D
 Acq: 21 Oct 2025 18:01

Tgt Ion:112 Resp: 611499
 Ion Ratio Lower Upper
 112 100
 64 60.4 49.1 73.7
 63 28.8 24.5 36.7

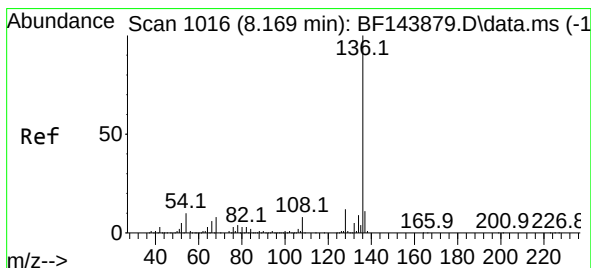
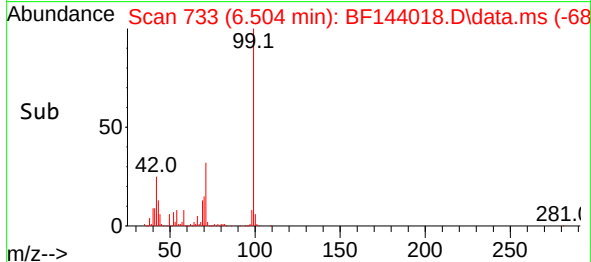
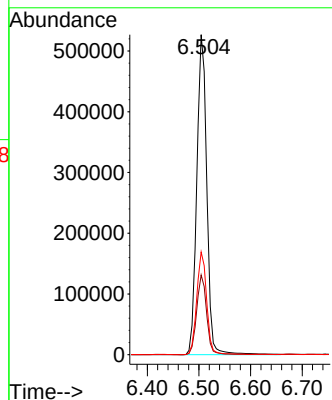
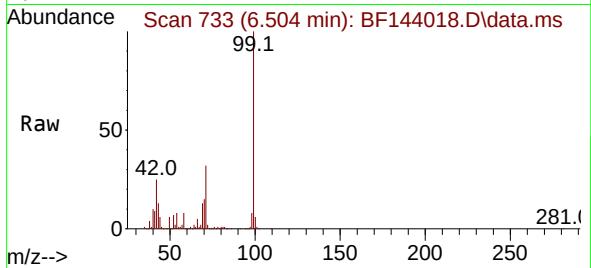




#7
Phenol-d6
Concen: 82.284 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

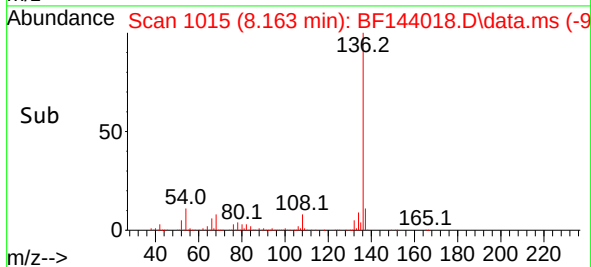
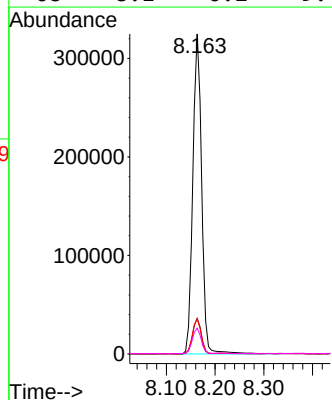
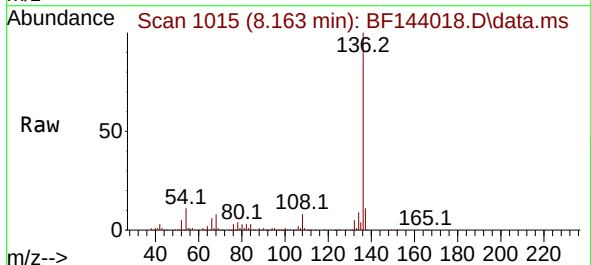
Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

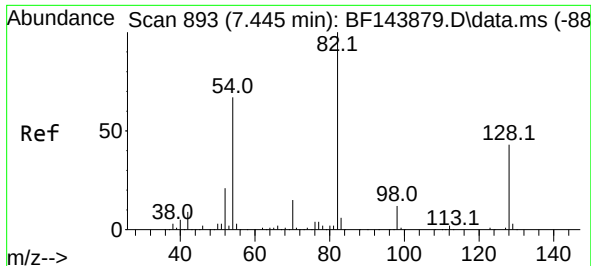
Tgt Ion: 99 Resp: 708851
Ion Ratio Lower Upper
99 100
42 24.9 21.0 31.4
71 32.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion: 136 Resp: 412633
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.0 8.2 12.4
68 8.1 6.2 9.4

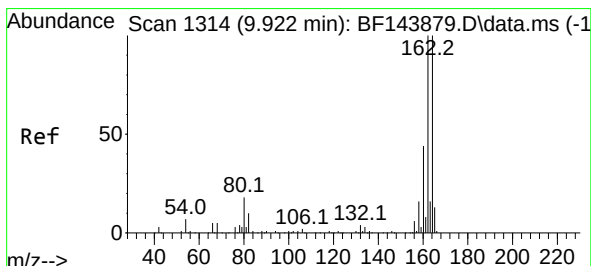
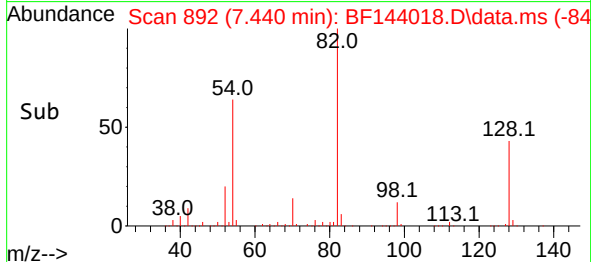
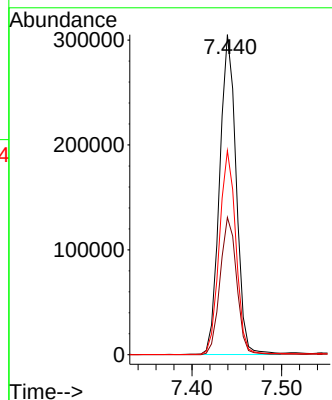
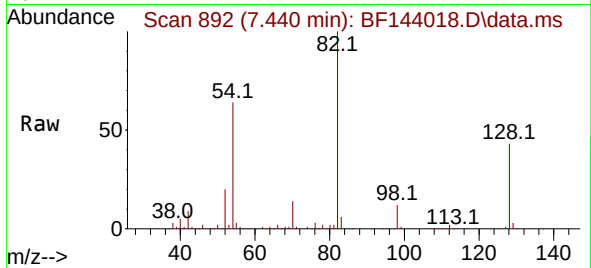




#23
Nitrobenzene-d5
Concen: 57.556 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

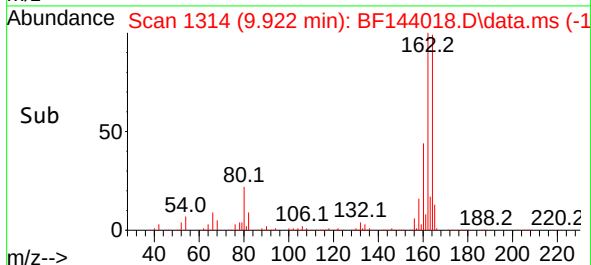
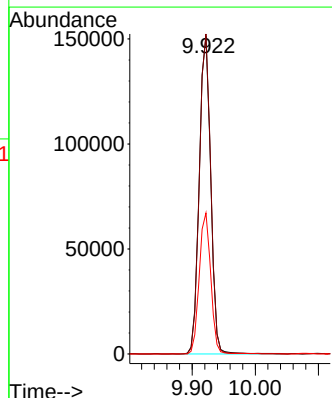
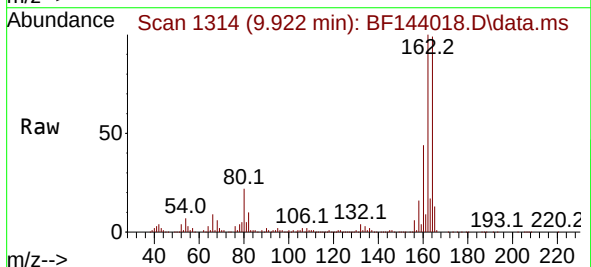
Instrument :
BNA_F
ClientSampleId :
PR132-S02-010074-20251016

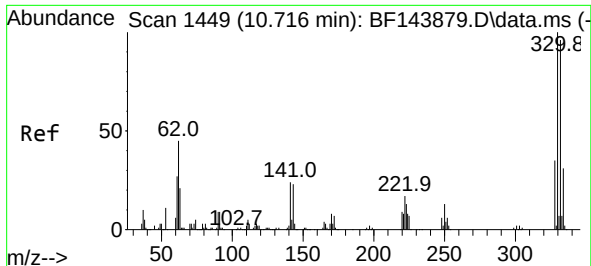
Tgt Ion: 82 Resp: 390907
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 63.8 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:164 Resp: 190672
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.565 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144018.D

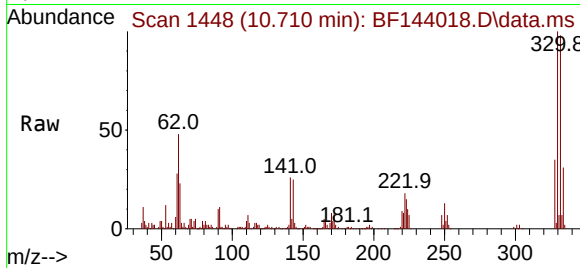
Acq: 21 Oct 2025 18:01

Instrument :

BNA_F

ClientSampleId :

PR132-S02-010074-20251016



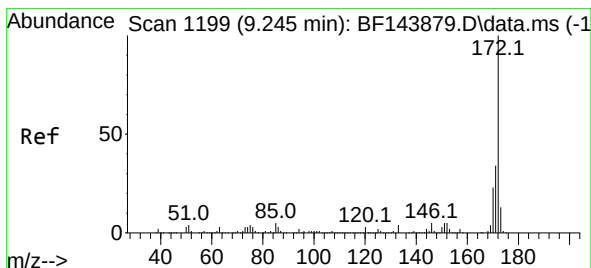
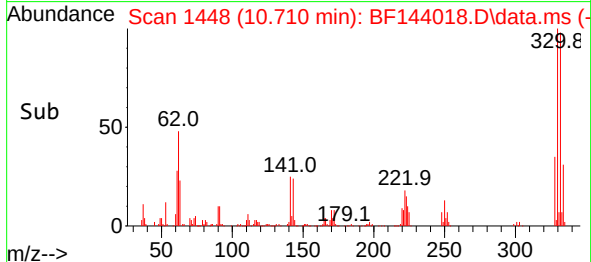
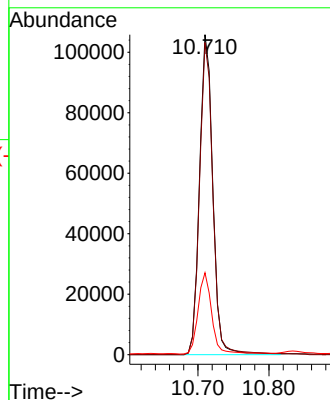
Tgt Ion:330 Resp: 137810

Ion Ratio Lower Upper

330 100

332 98.4 76.9 115.3

141 26.3 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 50.719 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

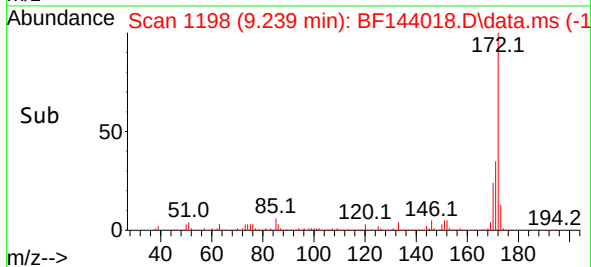
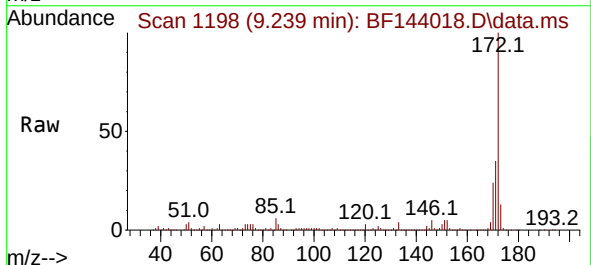
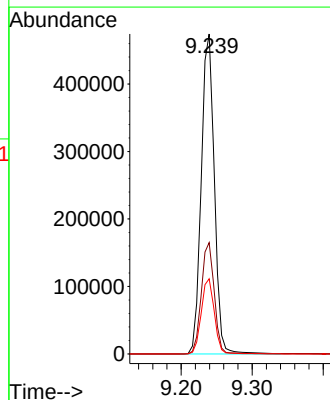
Tgt Ion:172 Resp: 609475

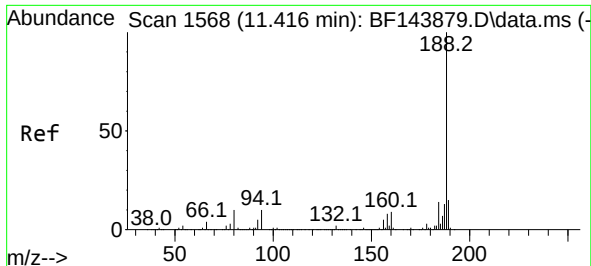
Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.5 18.6 28.0

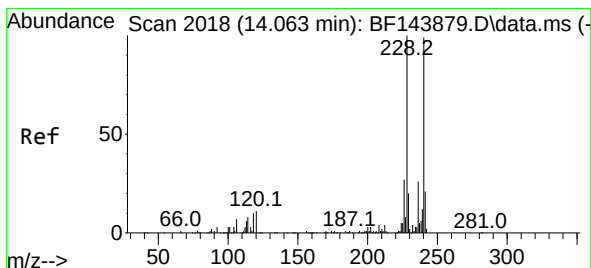
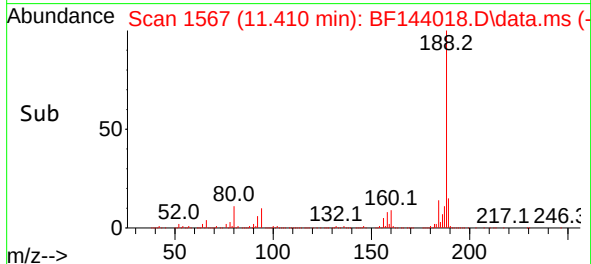
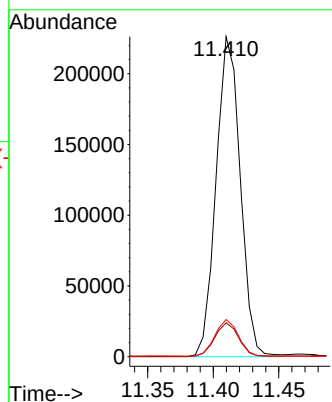
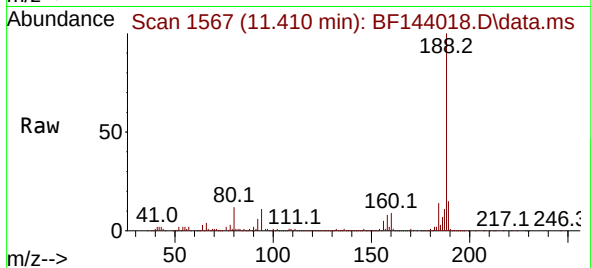




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

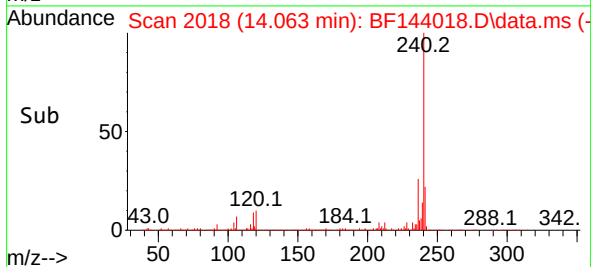
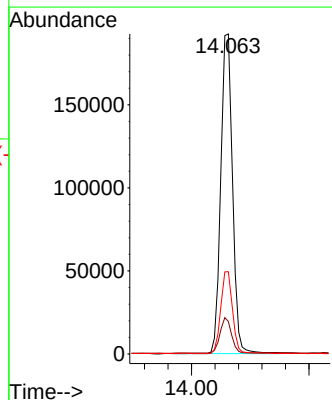
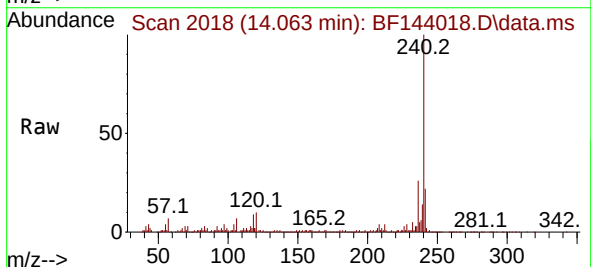
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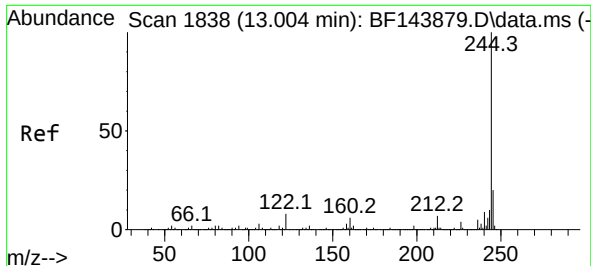
Tgt Ion:188 Resp: 289518
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144018.D
Acq: 21 Oct 2025 18:01

Tgt Ion:240 Resp: 267469
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.7 21.1 31.7

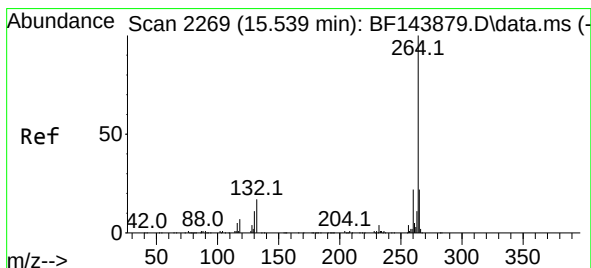
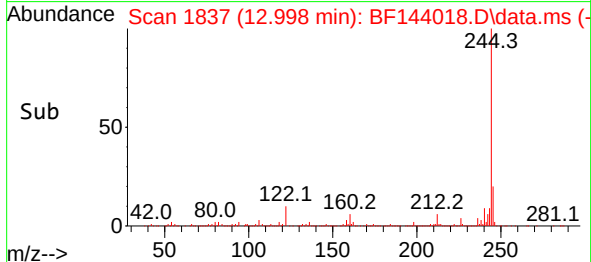
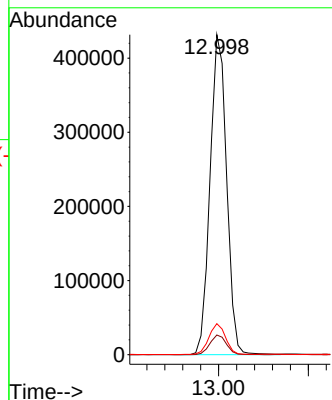
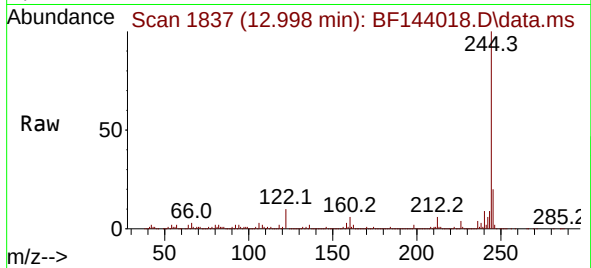




#79
 Terphenyl-d14
 Concen: 35.365 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144018.D
 Acq: 21 Oct 2025 18:01

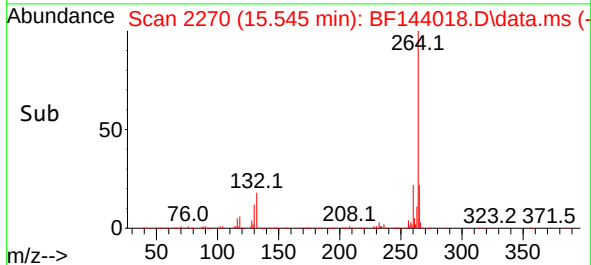
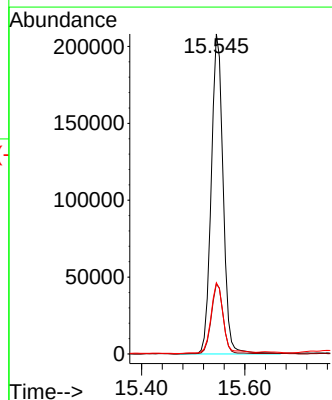
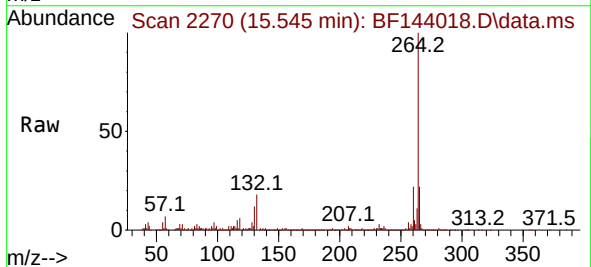
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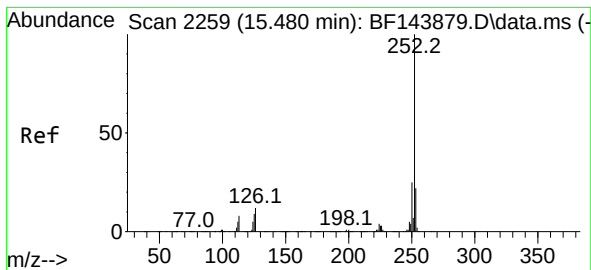
Tgt Ion:244 Resp: 553454
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 9.7 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF144018.D
 Acq: 21 Oct 2025 18:01

Tgt Ion:264 Resp: 332355
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 22.2 17.5 26.3





#90

Benzo(a)pyrene

Concen: 2.097 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144018.D

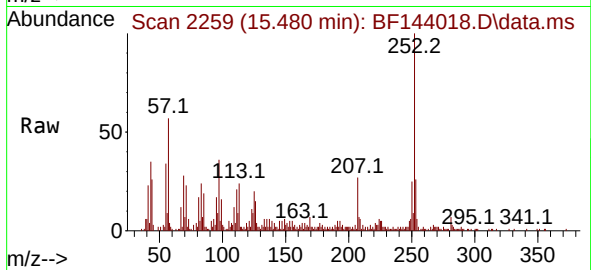
Acq: 21 Oct 2025 18:01

Instrument :

BNA_F

ClientSampleId :

PR132-S02-010074-20251016



Tgt Ion:252 Resp: 34714

Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

125 20.1 7.0 10.4#

