

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144015.D
 Acq On : 21 Oct 2025 16:32
 Operator : RC/JU
 Sample : Q3375-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S02-074099-20251016

Quant Time: Oct 21 17:00:16 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	109716	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	402386	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	203476	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	318797	20.000	ng	0.00
76) Chrysene-d12	14.063	240	282059	20.000	ng	0.00
86) Perylene-d12	15.545	264	335097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	468743	67.844	ng	0.00
7) Phenol-d6	6.504	99	536234	65.114	ng	-0.01
23) Nitrobenzene-d5	7.439	82	289450	43.703	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	116811	57.637	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	495479	38.638	ng	-0.01
79) Terphenyl-d14	12.998	244	463565	28.089	ng	-0.01

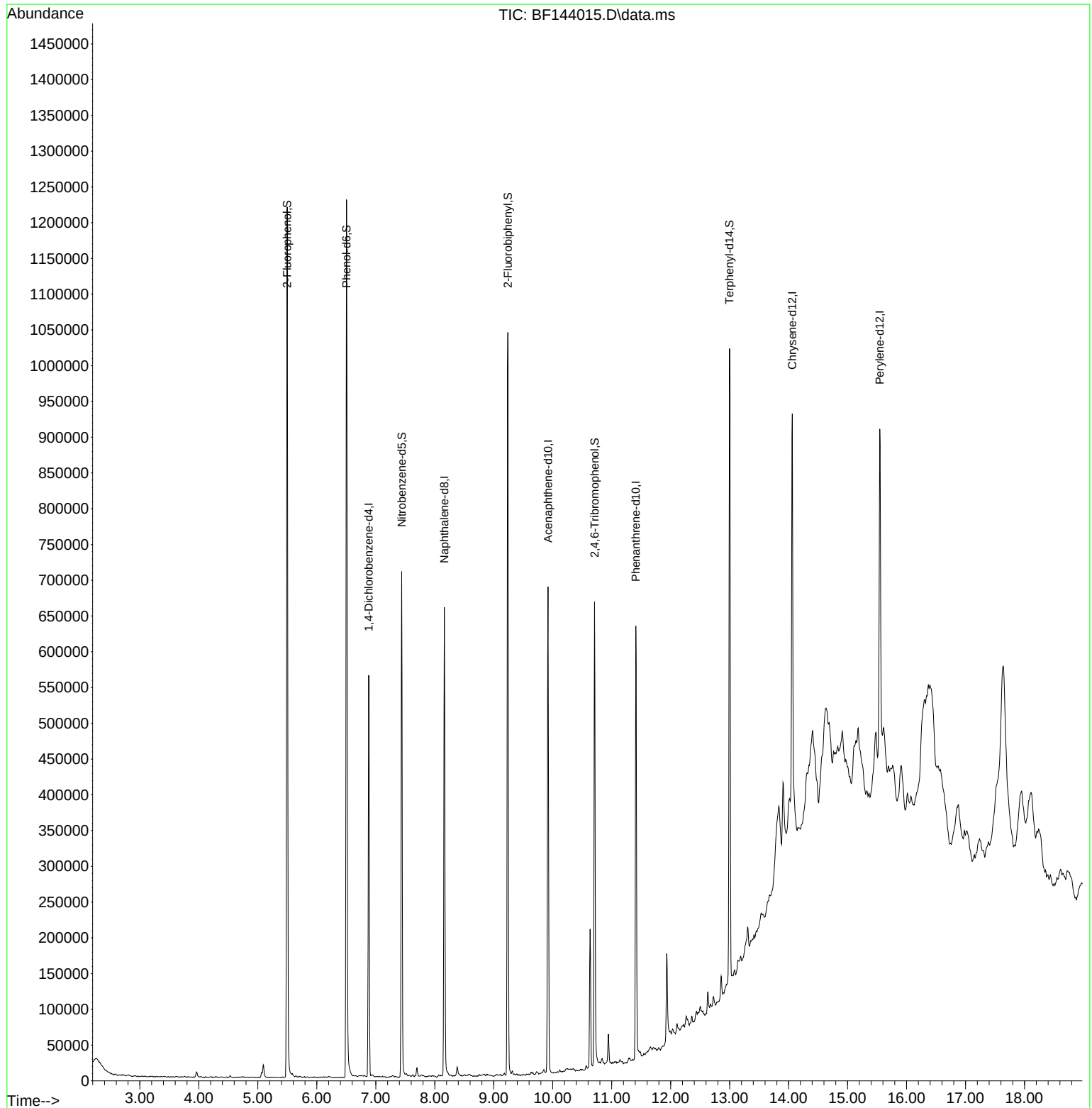
Target Compounds	Qvalue

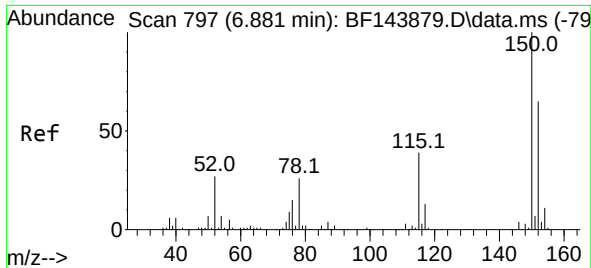
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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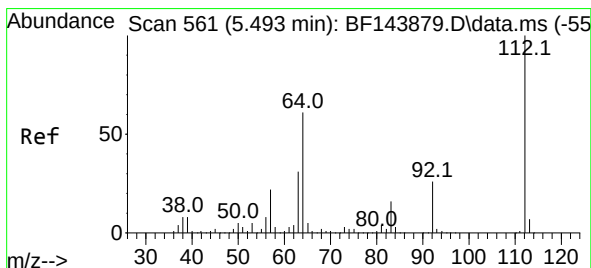
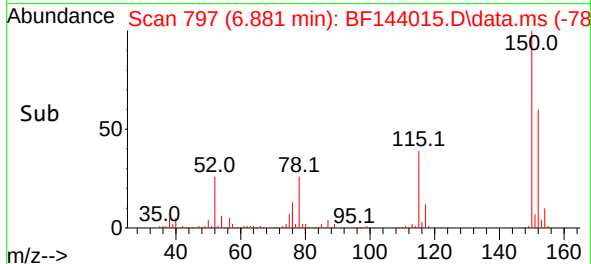
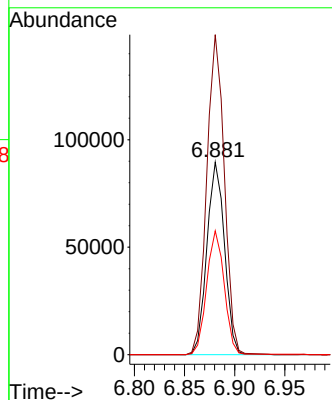
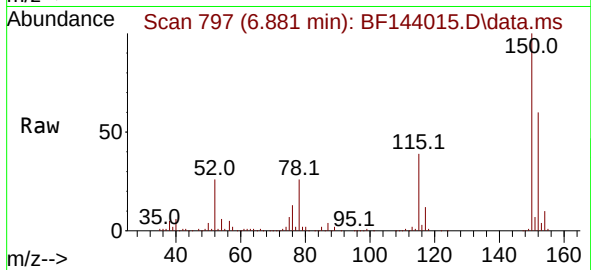




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

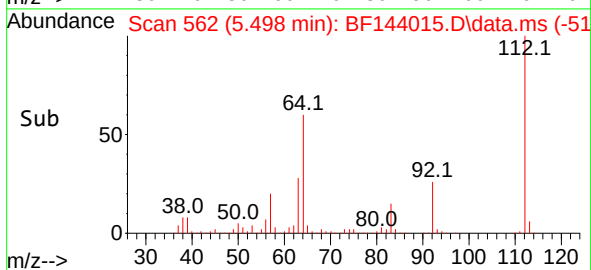
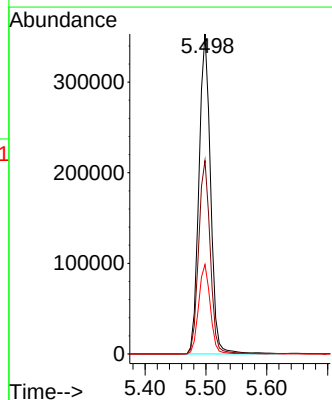
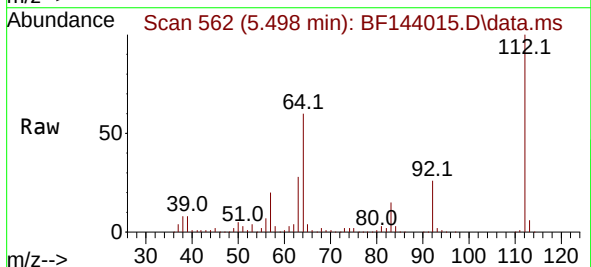
Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

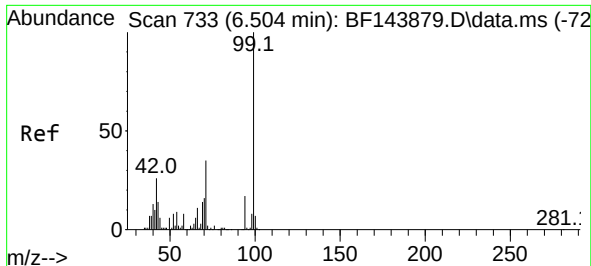
Tgt Ion:152 Resp: 109716
Ion Ratio Lower Upper
152 100
150 166.2 124.4 186.6
115 64.3 48.1 72.1



#5
2-Fluorophenol
Concen: 67.844 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:112 Resp: 468743
Ion Ratio Lower Upper
112 100
64 60.5 49.1 73.7
63 27.9 24.5 36.7

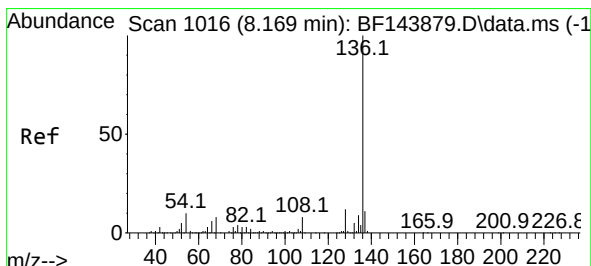
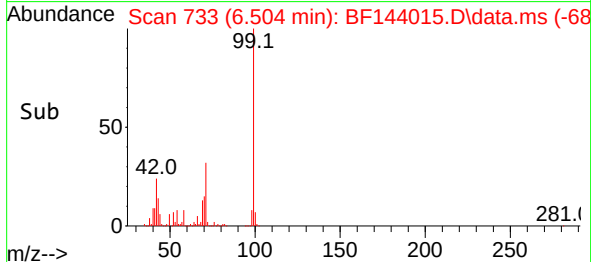
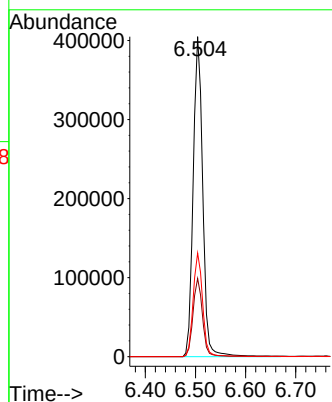
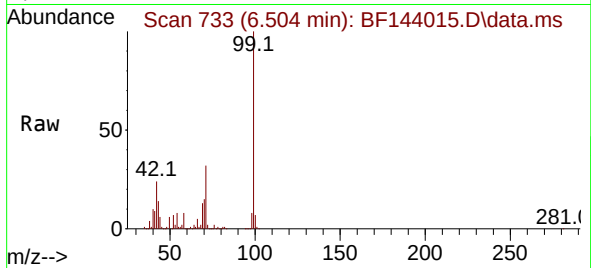




#7
Phenol-d6
Concen: 65.114 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

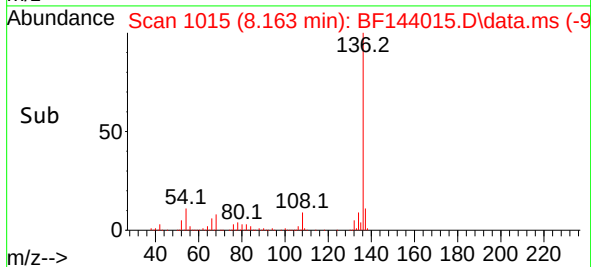
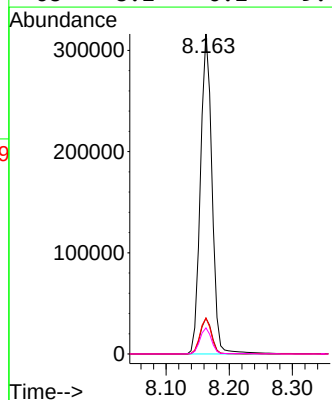
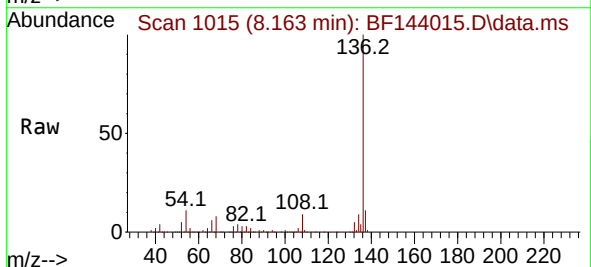
Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

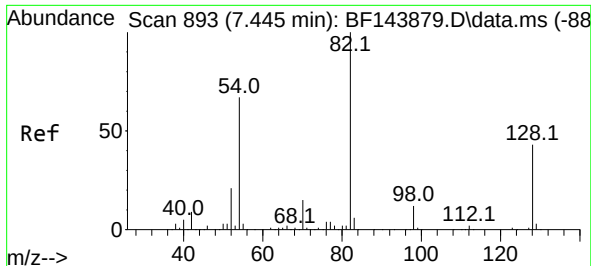
Tgt Ion: 99 Resp: 536234
Ion Ratio Lower Upper
99 100
42 24.4 21.0 31.4
71 32.4 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:136 Resp: 402386
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.2 8.2 12.4
68 8.2 6.2 9.4

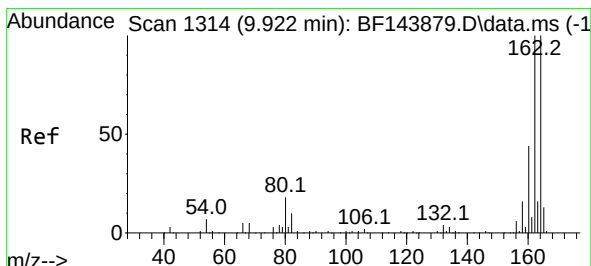
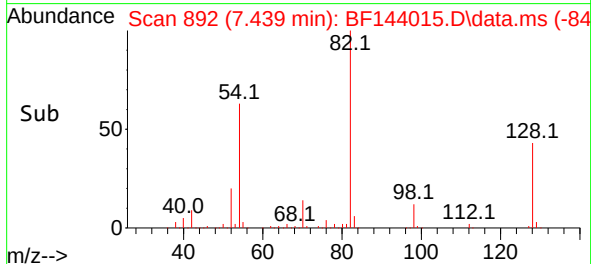
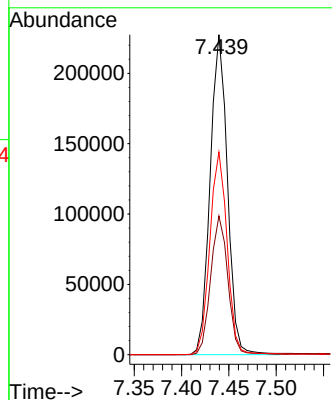
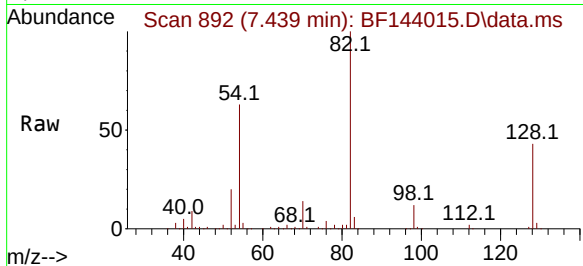




#23
Nitrobenzene-d5
Concen: 43.703 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

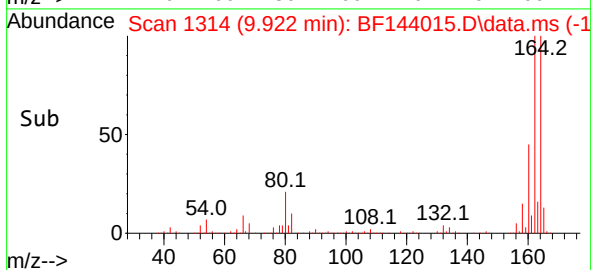
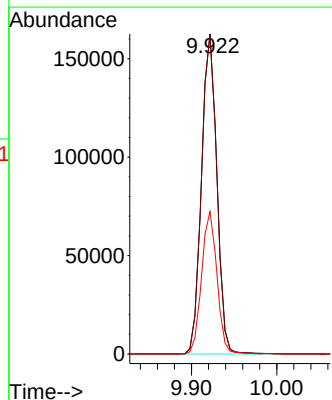
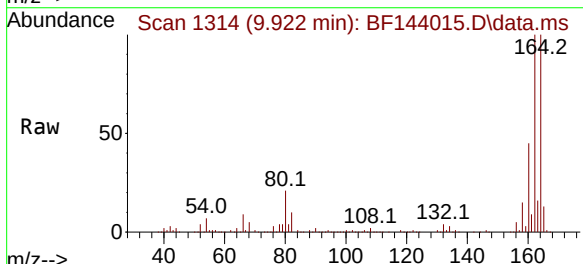
Instrument :
BNA_F
ClientSampleId :
PR132-S02-074099-20251016

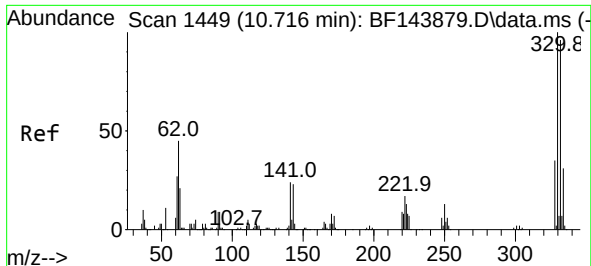
Tgt Ion: 82 Resp: 289450
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 63.3 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:164 Resp: 203476
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 57.637 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

BNA_F

ClientSampleId :

PR132-S02-074099-20251016

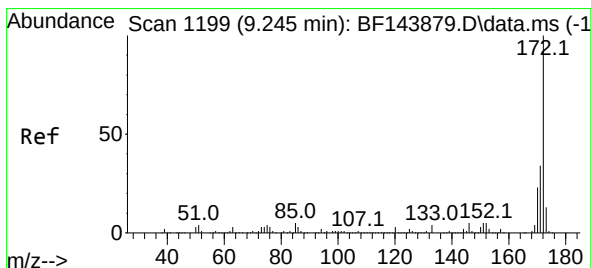
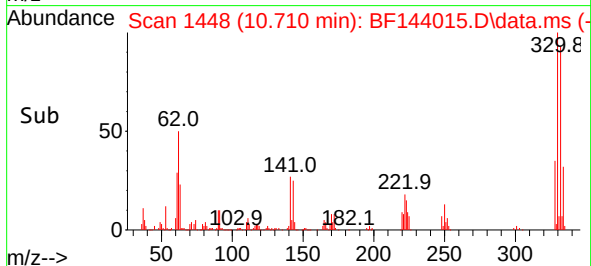
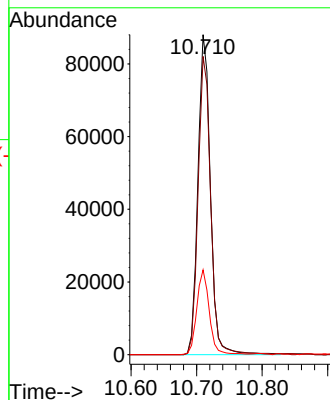
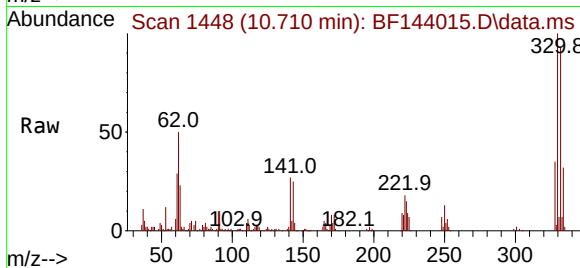
Tgt Ion:330 Resp: 116811

Ion Ratio Lower Upper

330 100

332 93.8 76.9 115.3

141 26.6 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 38.638 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

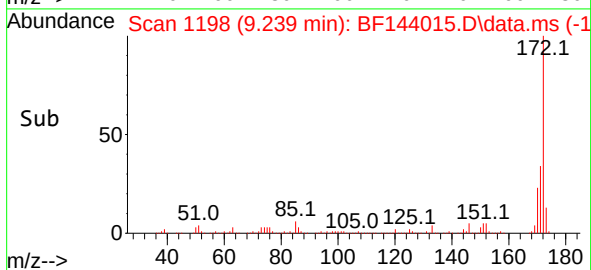
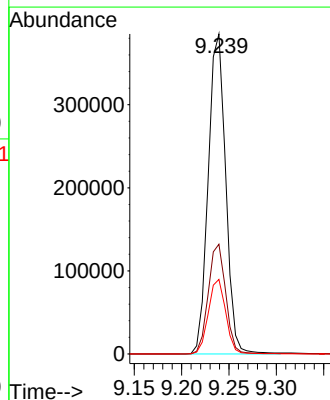
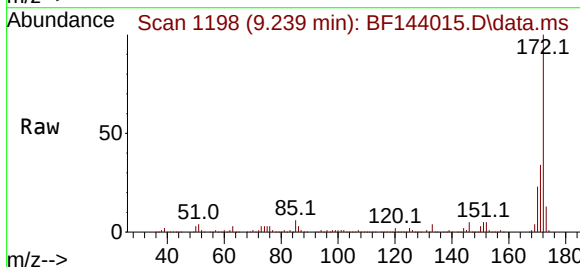
Tgt Ion:172 Resp: 495479

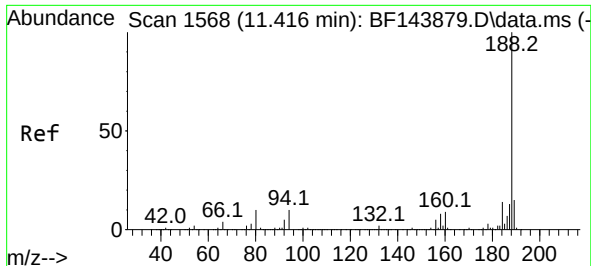
Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 23.3 18.6 28.0

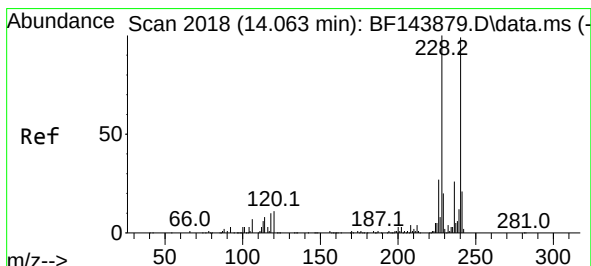
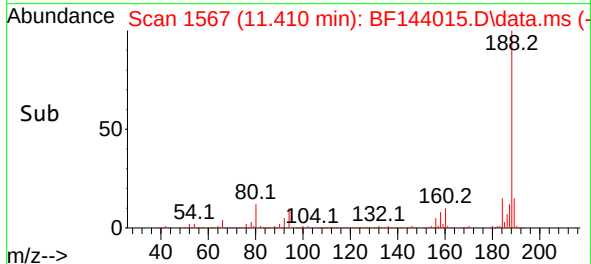
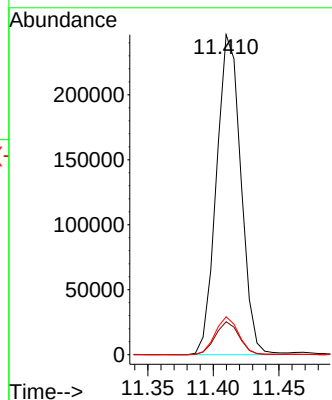
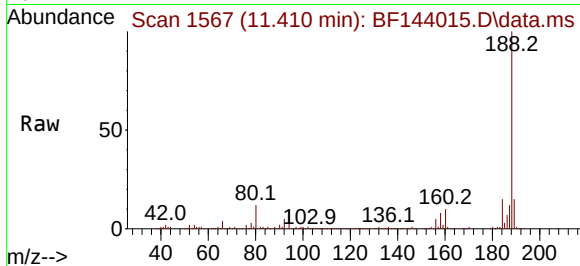




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

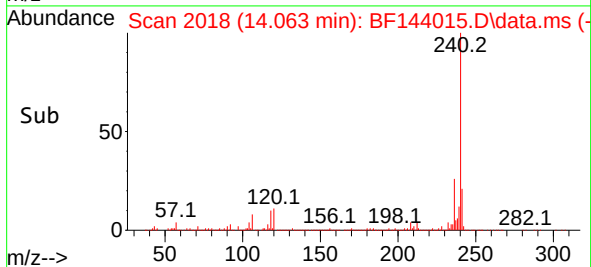
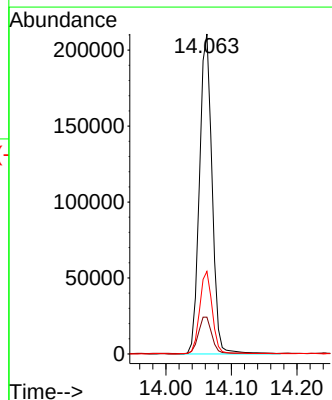
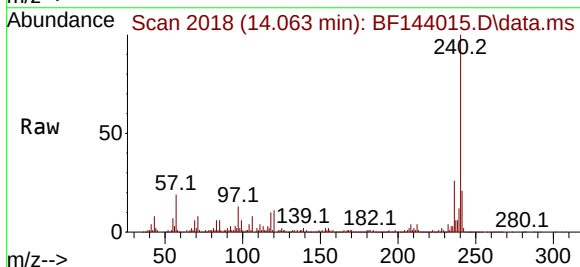
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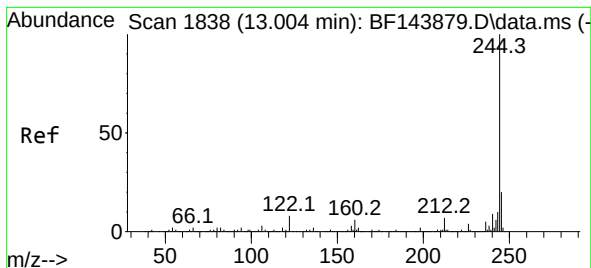
Tgt Ion:188 Resp: 318797
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144015.D
Acq: 21 Oct 2025 16:32

Tgt Ion:240 Resp: 282059
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 28.089 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

BNA_F

ClientSampleId :

PR132-S02-074099-20251016

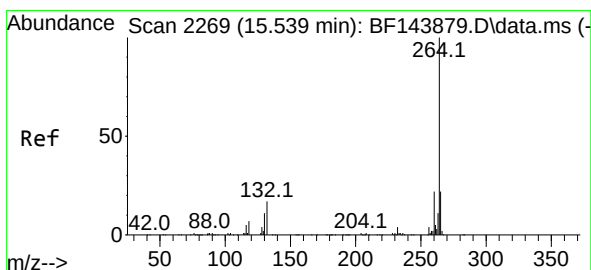
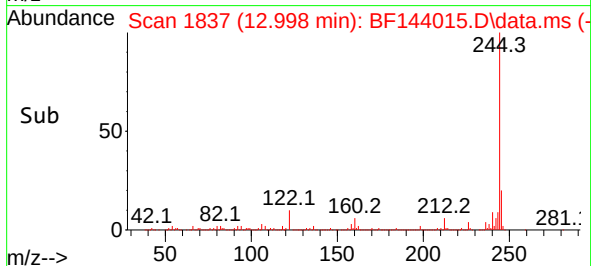
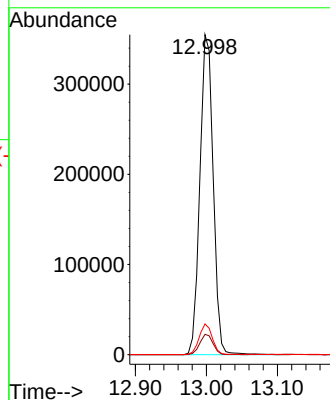
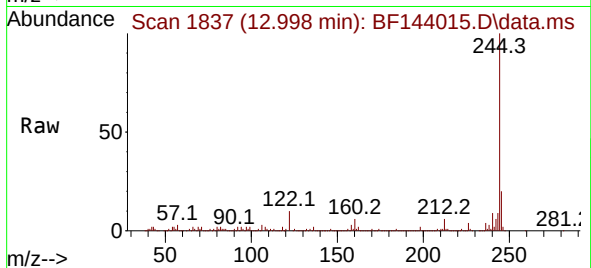
Tgt Ion:244 Resp: 463565

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.6 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: BF144015.D

Acq: 21 Oct 2025 16:32

Tgt Ion:264 Resp: 335097

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

265 21.9 17.5 26.3

