

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144103.D
 Acq On : 28 Oct 2025 16:15
 Operator : RC/JU
 Sample : Q3424-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S14-000094-20251021

Quant Time: Oct 28 16:34:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

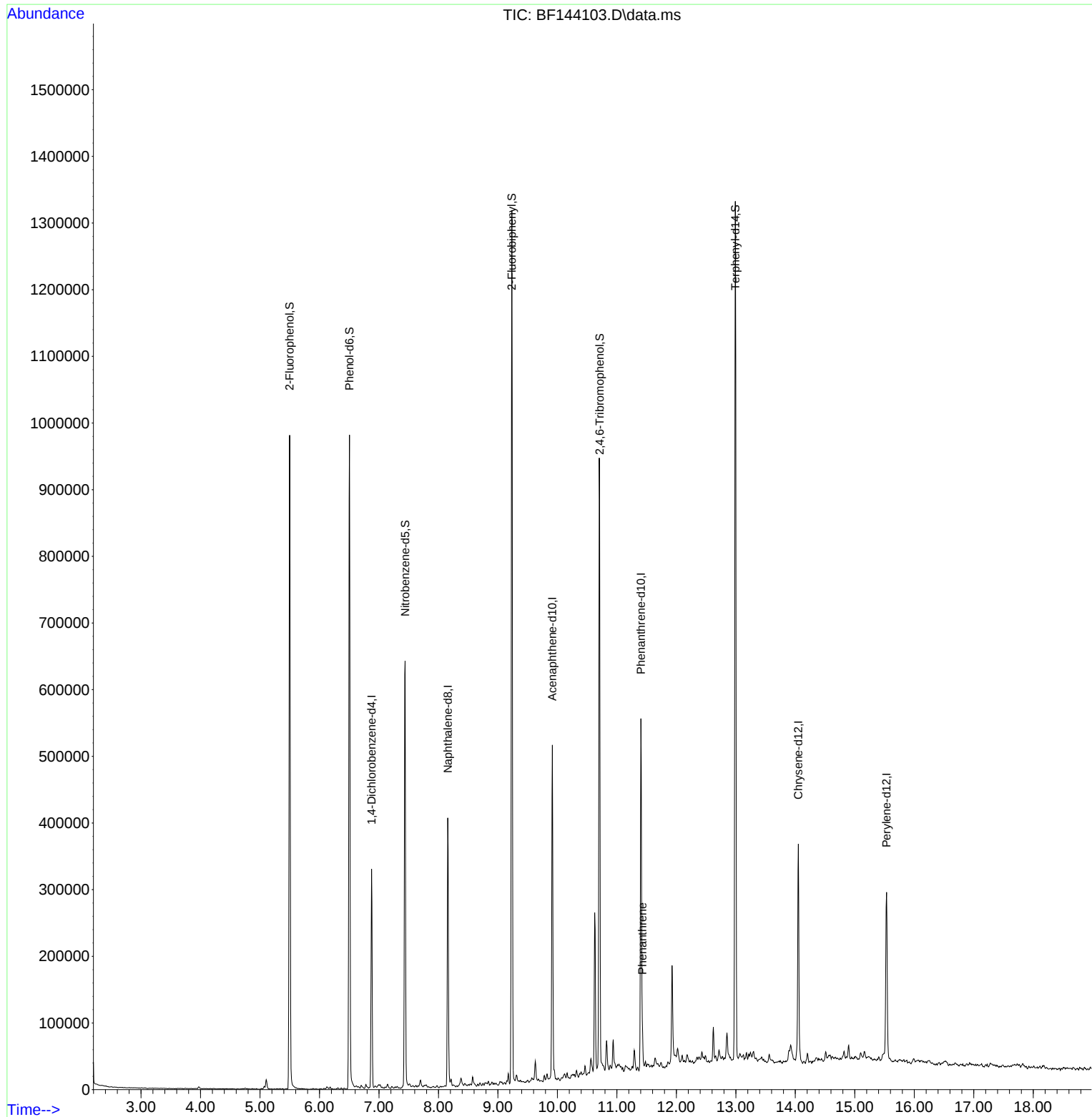
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	68405	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	259693	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	156513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	278837	20.000	ng	0.00
76) Chrysene-d12	14.051	240	168137	20.000	ng	0.00
86) Perylene-d12	15.533	264	161640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	353661	81.797	ng	0.00
7) Phenol-d6	6.504	99	413073	86.507	ng	0.00
23) Nitrobenzene-d5	7.439	82	276357	58.303	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	185941	93.266	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	600983	54.035	ng	0.00
79) Terphenyl-d14	12.992	244	681459	70.855	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	33470	2.416	ng	97

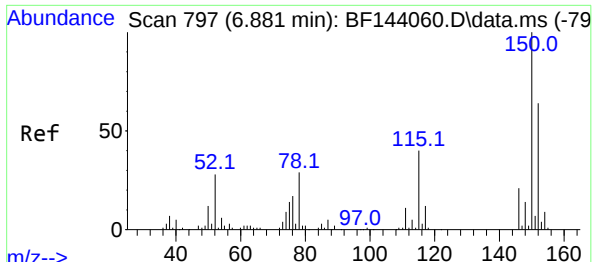
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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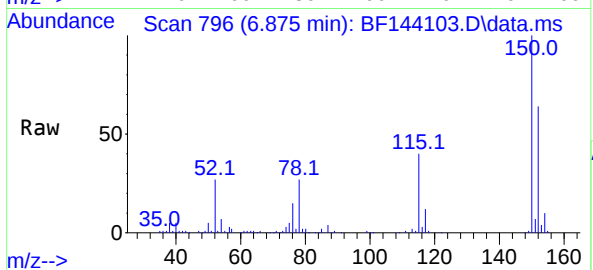
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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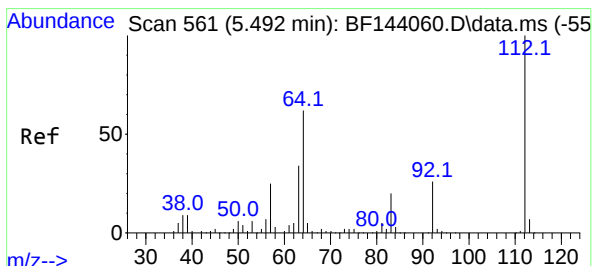
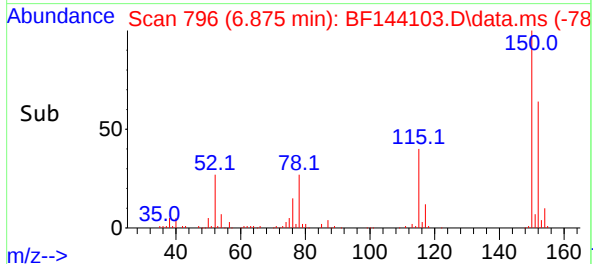
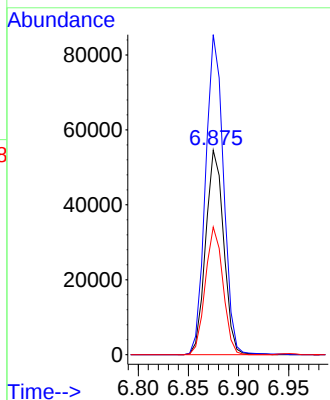


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

Instrument :
BNA_F
ClientSampleId :
PR132-S14-000094-20251021

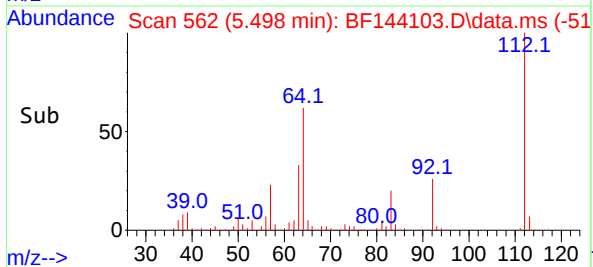
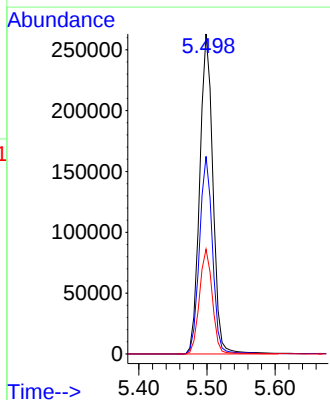
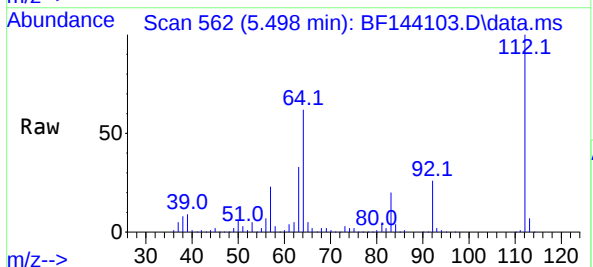


Tgt Ion:152 Resp: 68405
Ion Ratio Lower Upper
152 100
150 156.5 124.4 186.6
115 62.5 49.4 74.0



#5
2-Fluorophenol
Concen: 81.797 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

Tgt Ion:112 Resp: 353661
Ion Ratio Lower Upper
112 100
64 61.8 49.8 74.8
63 32.8 27.4 41.2

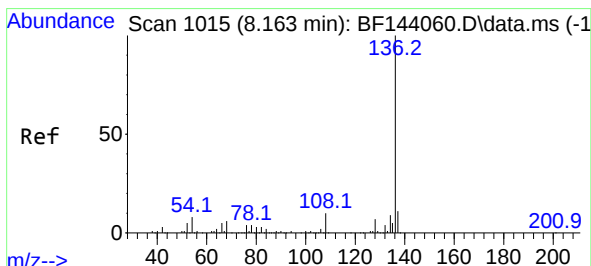
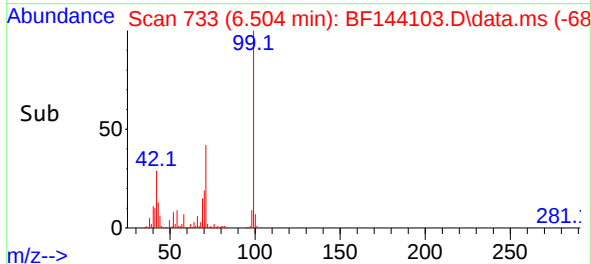
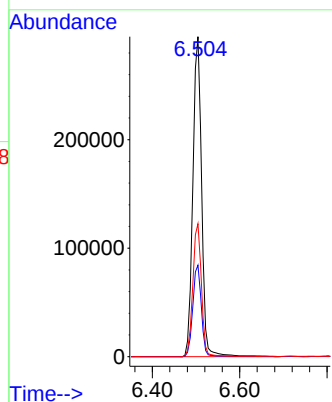
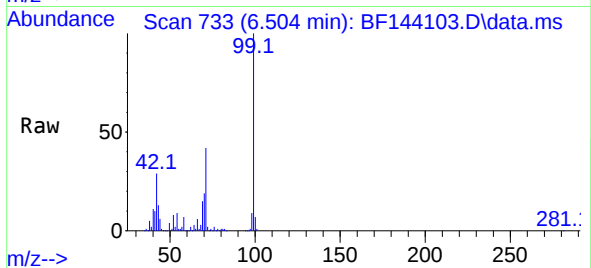




#7
Phenol-d6
Concen: 86.507 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

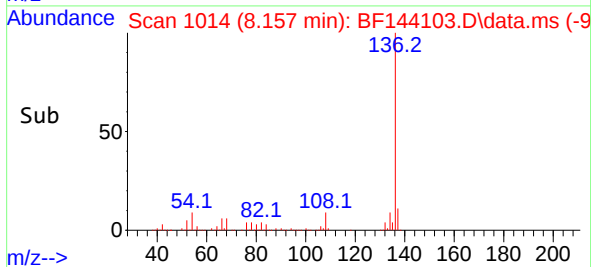
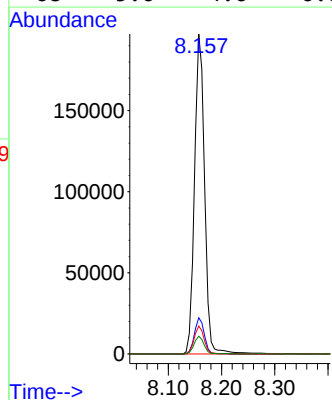
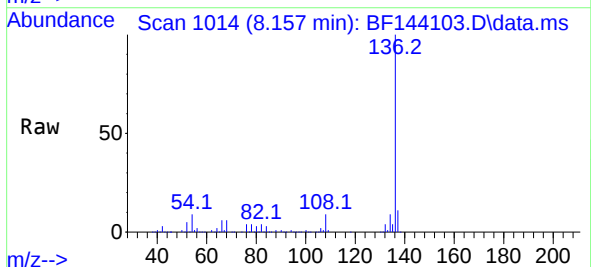
Instrument :
BNA_F
ClientSampleId :
PR132-S14-000094-20251021

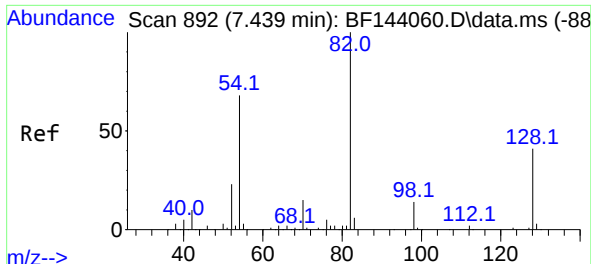
Tgt Ion: 99 Resp: 413073
Ion Ratio Lower Upper
99 100
42 28.6 23.9 35.9
71 41.6 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

Tgt Ion:136 Resp: 259693
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.7 6.6 9.8
68 5.6 4.6 6.8

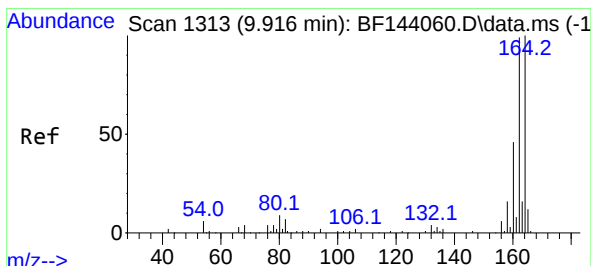
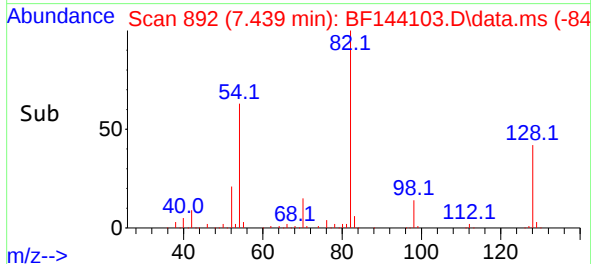
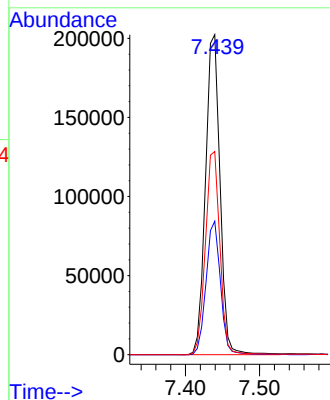
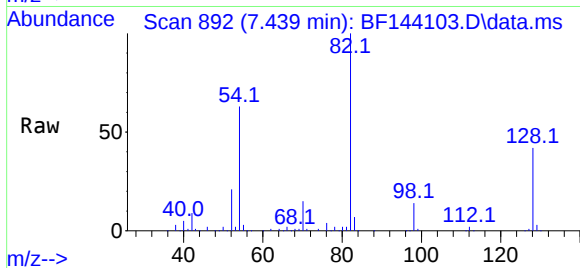




#23
Nitrobenzene-d5
Concen: 58.303 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

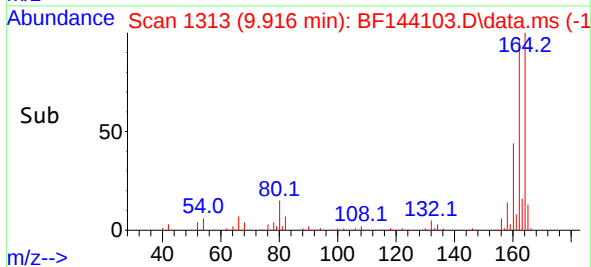
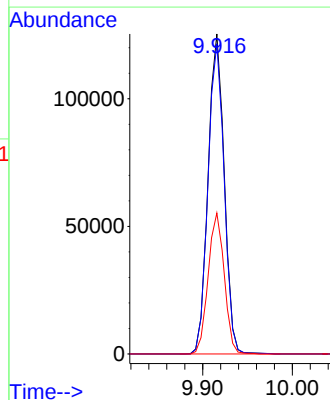
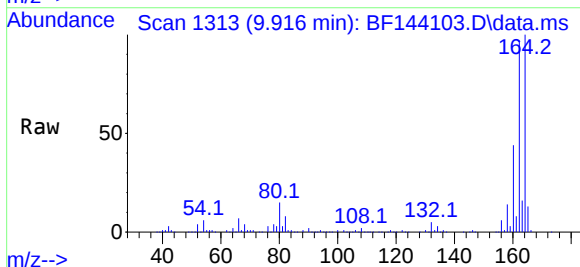
Instrument :
BNA_F
ClientSampleId :
PR132-S14-000094-20251021

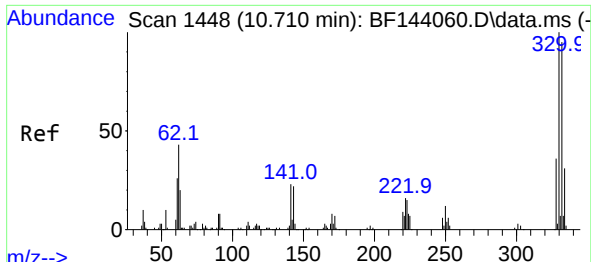
Tgt Ion: 82 Resp: 276357
Ion Ratio Lower Upper
82 100
128 41.7 32.4 48.6
54 63.5 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

Tgt Ion:164 Resp: 156513
Ion Ratio Lower Upper
164 100
162 97.0 79.4 119.2
160 44.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 93.266 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144103.D

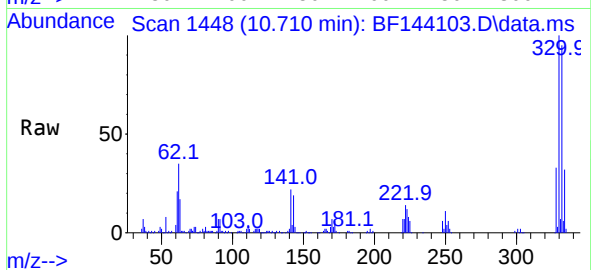
Acq: 28 Oct 2025 16:15

Instrument :

BNA_F

ClientSampleId :

PR132-S14-000094-20251021



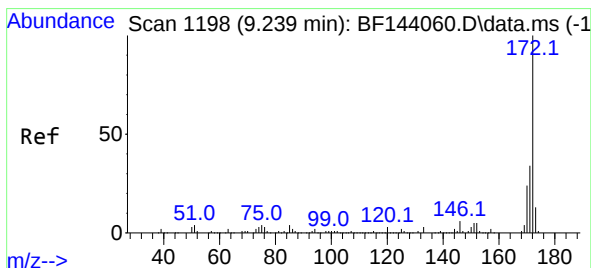
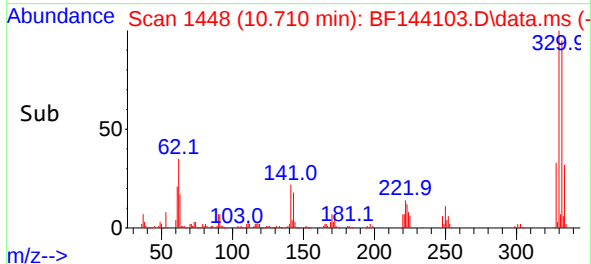
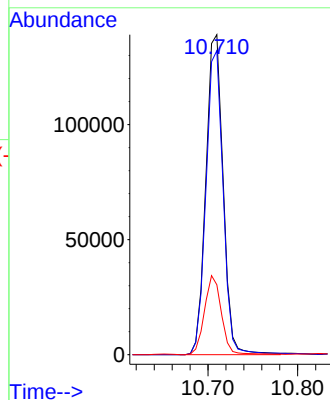
Tgt Ion:330 Resp: 185941

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

141 24.3 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 54.035 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144103.D

Acq: 28 Oct 2025 16:15

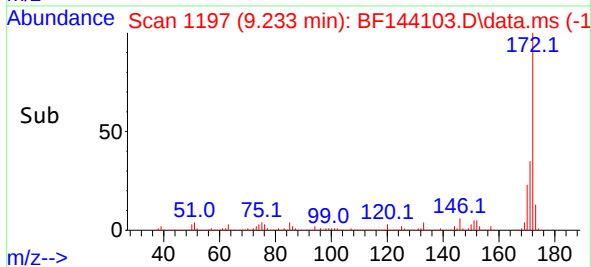
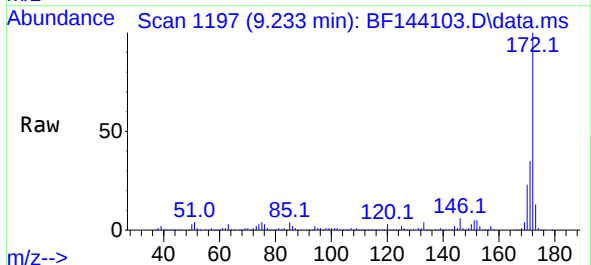
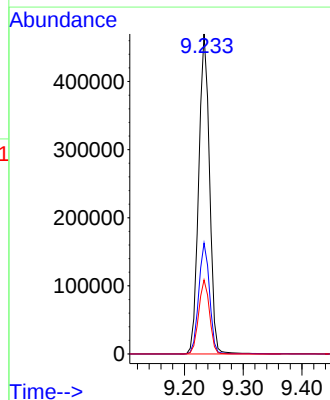
Tgt Ion:172 Resp: 600983

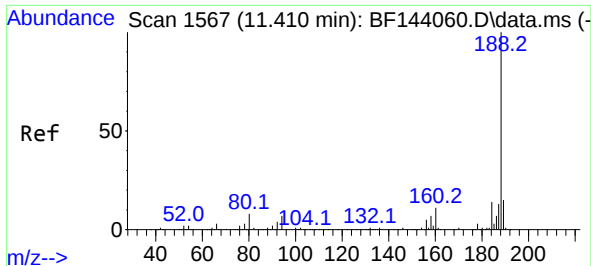
Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

170 23.1 19.0 28.6

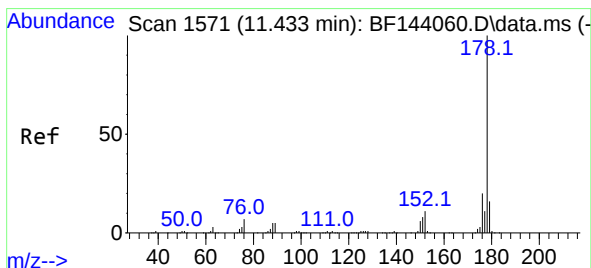
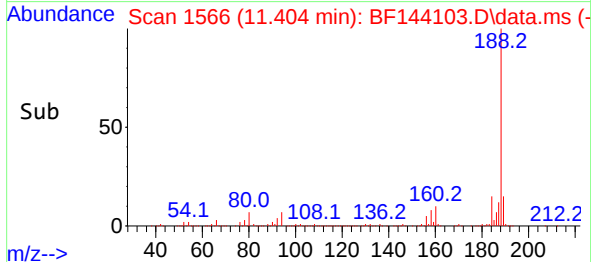
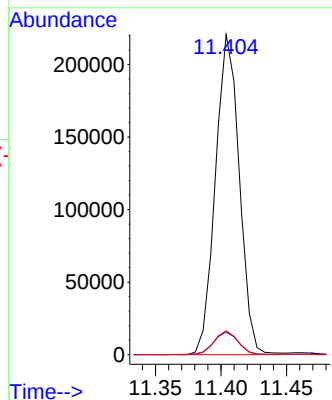
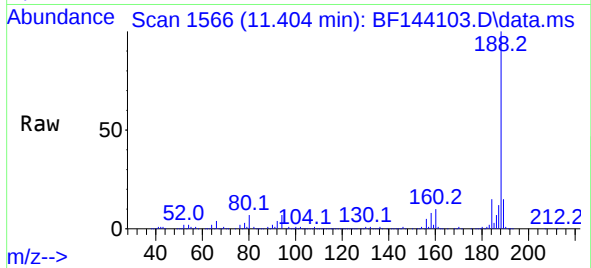




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

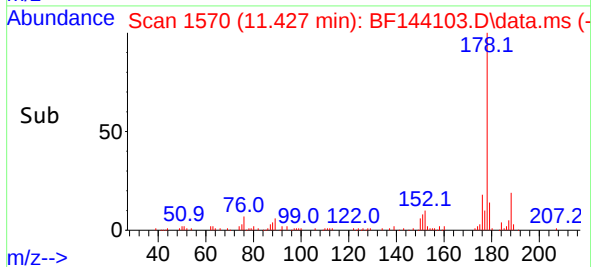
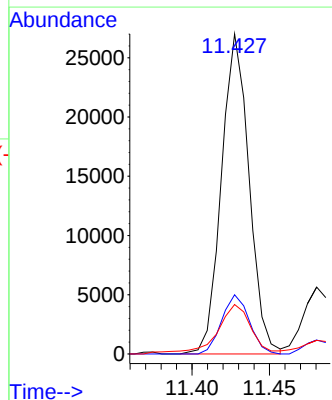
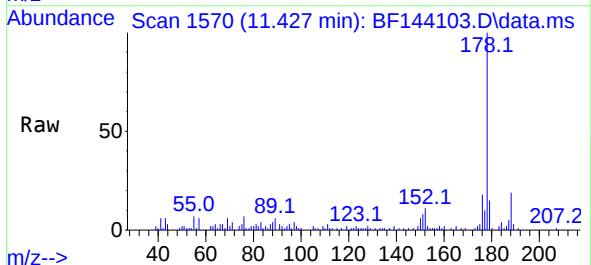
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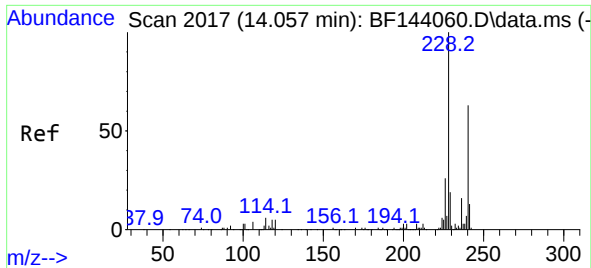
Tgt Ion:188 Resp: 278837
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.5 6.0 9.0



#71
Phenanthrene
Concen: 2.416 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

Tgt Ion:178 Resp: 33470
Ion Ratio Lower Upper
178 100
176 18.5 16.3 24.5
179 15.4 12.6 18.8

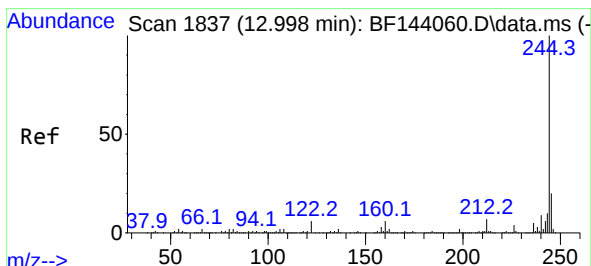
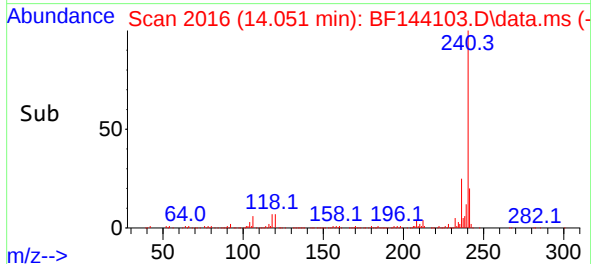
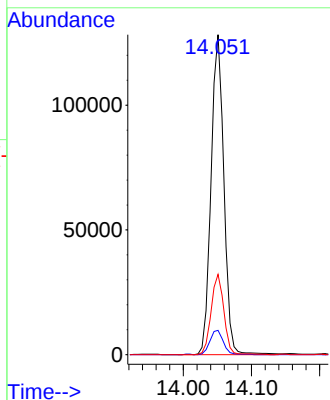
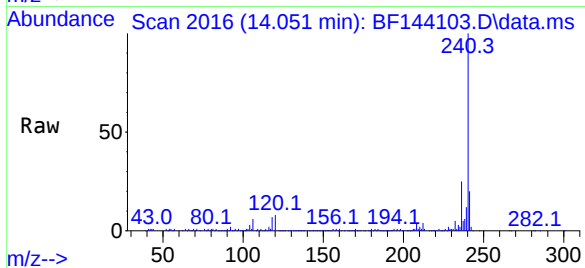




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

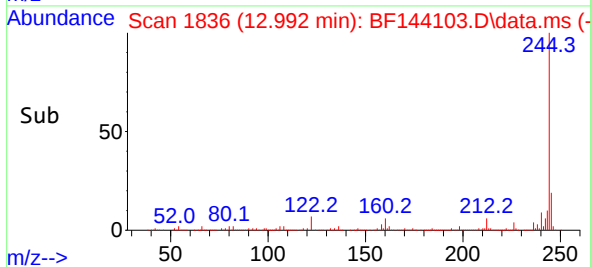
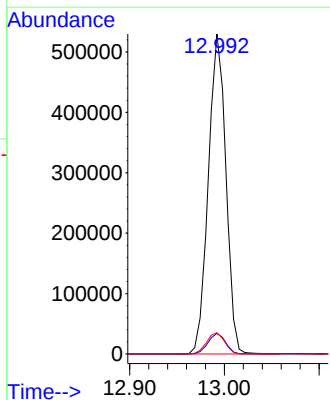
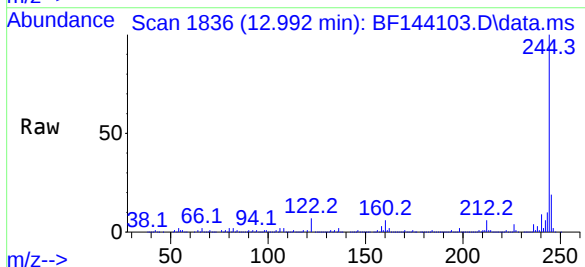
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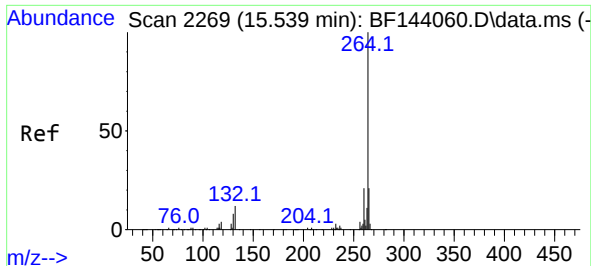
Tgt Ion:240 Resp: 168137
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.1 20.1 30.1



#79
Terphenyl-d14
Concen: 70.855 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144103.D
Acq: 28 Oct 2025 16:15

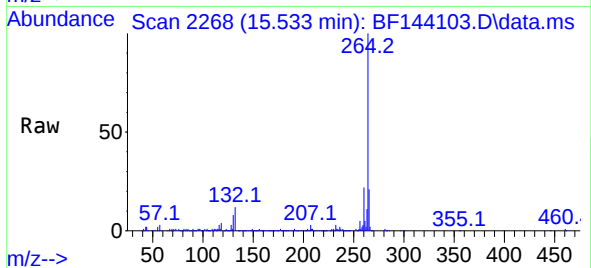
Tgt Ion:244 Resp: 681459
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 6.7 4.9 7.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144103.D
 Acq: 28 Oct 2025 16:15

Instrument :
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 ClientSampleId :
 PR132-S14-000094-20251021



Tgt Ion:264 Resp: 161640

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.4
265	21.2	16.6	24.8

