

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144101.D
 Acq On : 28 Oct 2025 15:16
 Operator : RC/JU
 Sample : Q3424-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-DP3-20251021

Quant Time: Oct 28 15:35:25 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	64932	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	250445	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	146834	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	261219	20.000	ng	0.00
76) Chrysene-d12	14.051	240	153054	20.000	ng	0.00
86) Perylene-d12	15.533	264	162396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	324922	79.169	ng	0.00
7) Phenol-d6	6.504	99	382363	84.359	ng	0.00
23) Nitrobenzene-d5	7.434	82	245027	53.602	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	168953	90.331	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	514180	49.278	ng	0.00
79) Terphenyl-d14	12.992	244	550354	62.863	ng	0.00

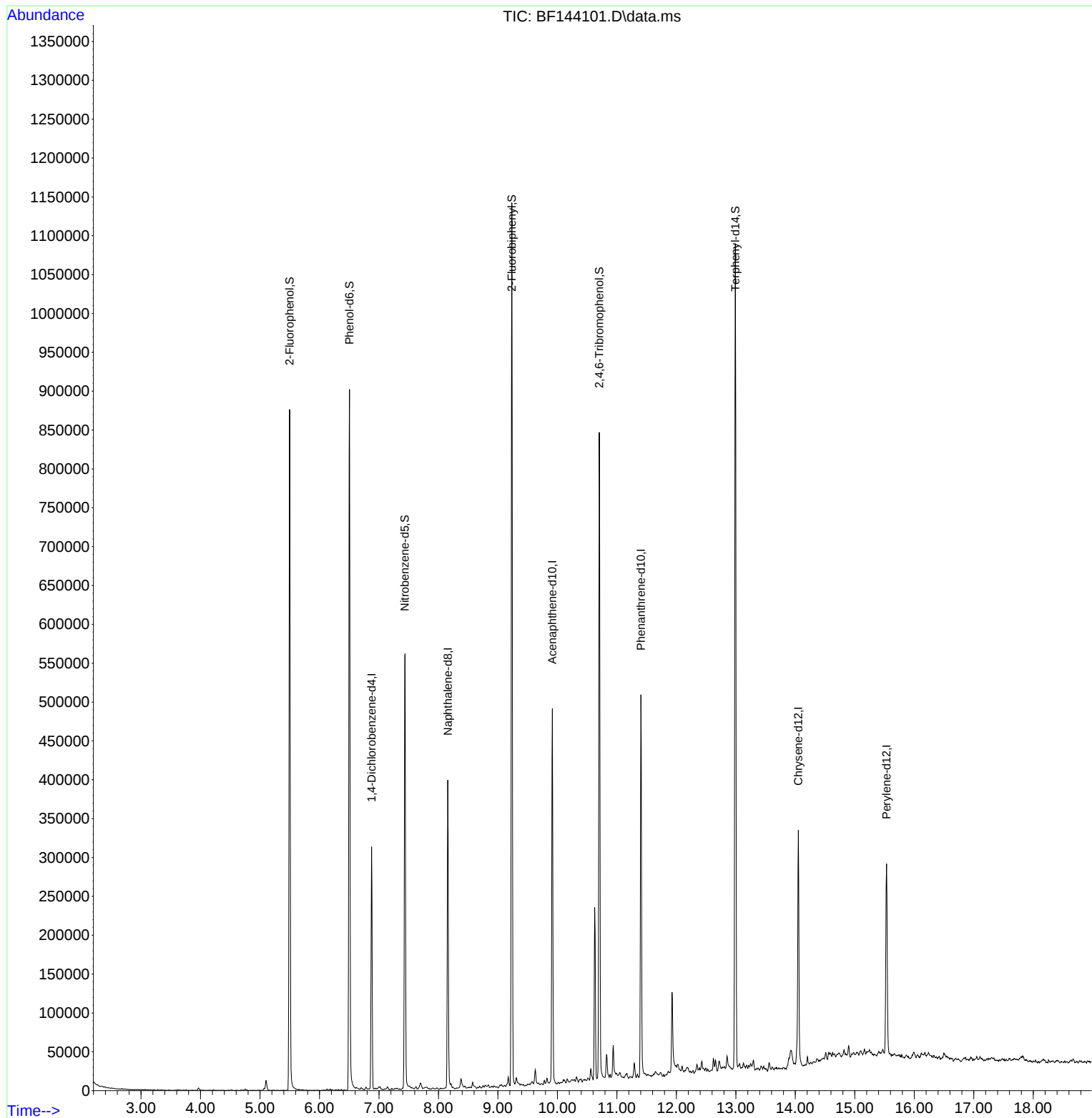
Target Compounds	Qvalue

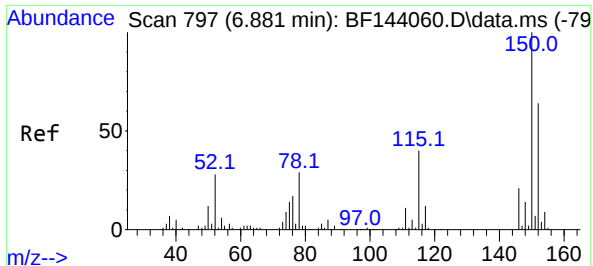
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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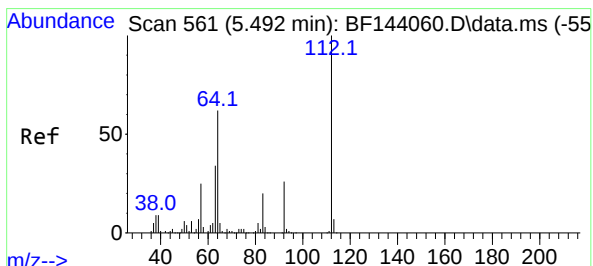
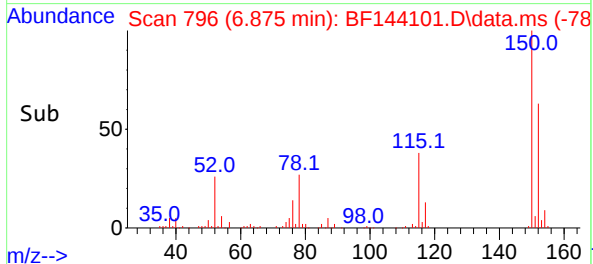
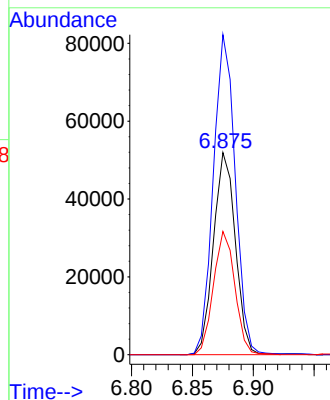
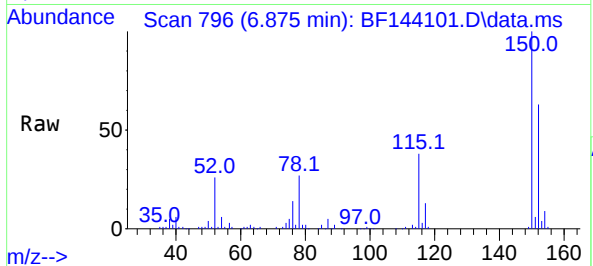




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

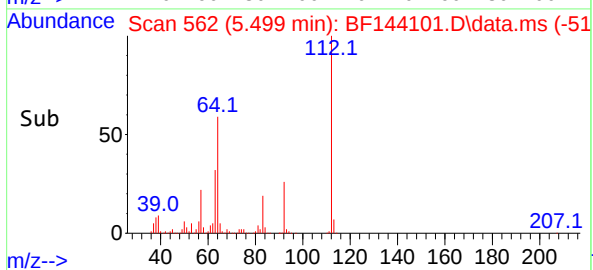
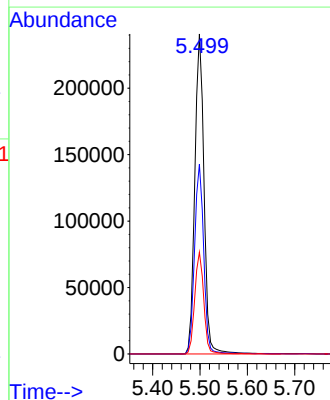
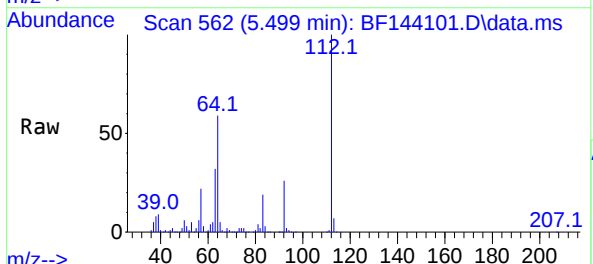
Instrument :
BNA_F
ClientSampleId :
PR132-DP3-20251021

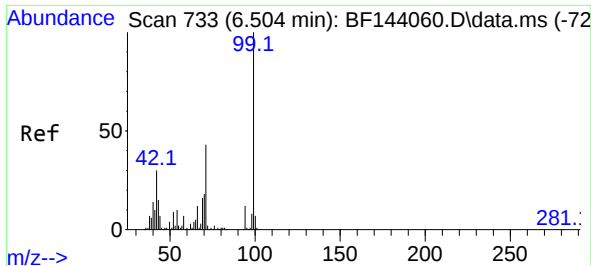
Tgt Ion:152 Resp: 64932
Ion Ratio Lower Upper
152 100
150 158.3 124.4 186.6
115 60.9 49.4 74.0



#5
2-Fluorophenol
Concen: 79.169 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

Tgt Ion:112 Resp: 324922
Ion Ratio Lower Upper
112 100
64 59.3 49.8 74.8
63 31.8 27.4 41.2

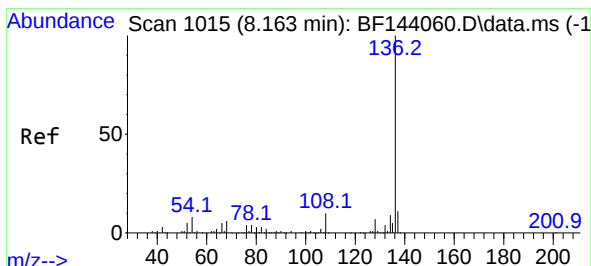
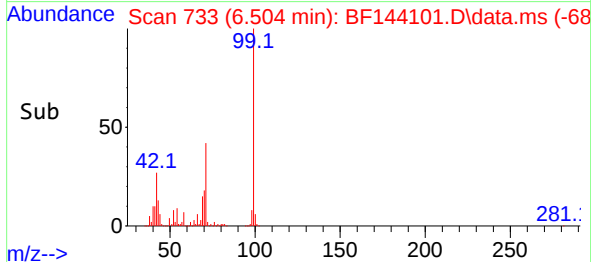
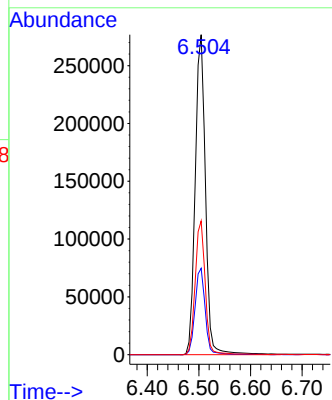
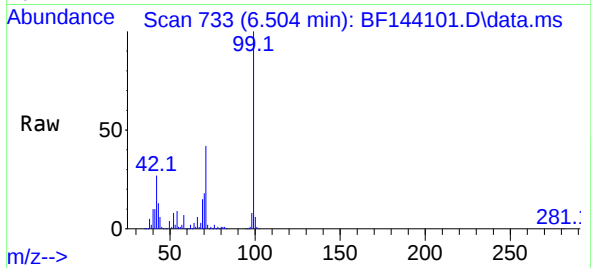




#7
Phenol-d6
Concen: 84.359 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

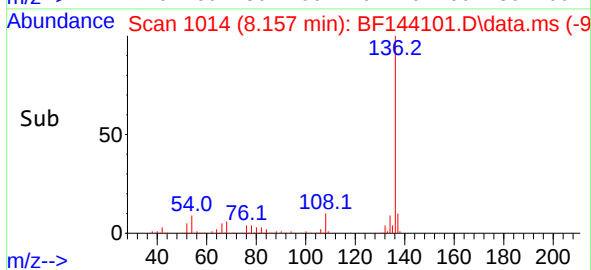
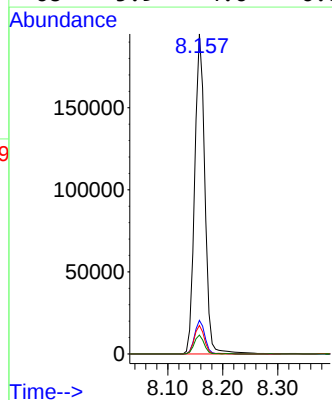
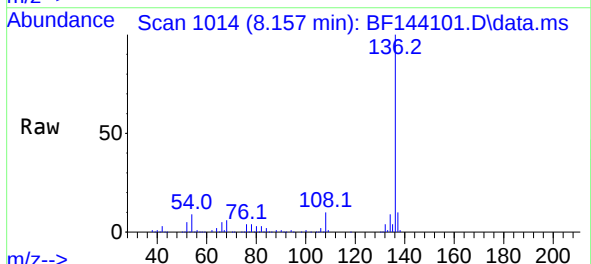
Instrument :
BNA_F
ClientSampleId :
PR132-DP3-20251021

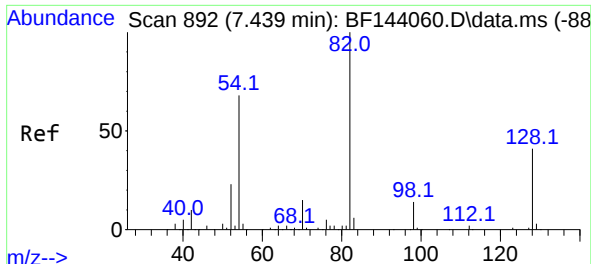
Tgt Ion: 99 Resp: 382363
Ion Ratio Lower Upper
99 100
42 27.0 23.9 35.9
71 41.8 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

Tgt Ion: 136 Resp: 250445
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.9 6.6 9.8
68 5.9 4.6 6.8



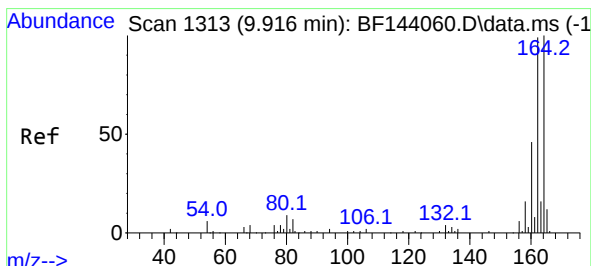
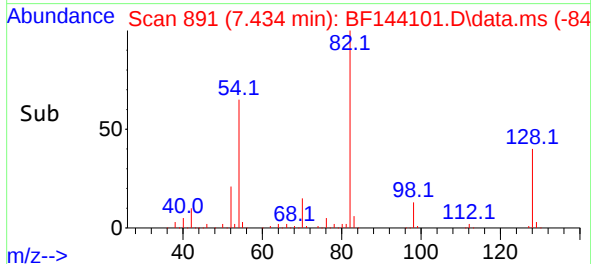
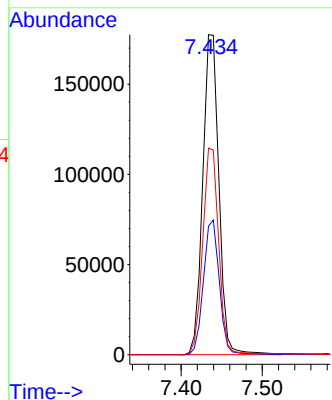
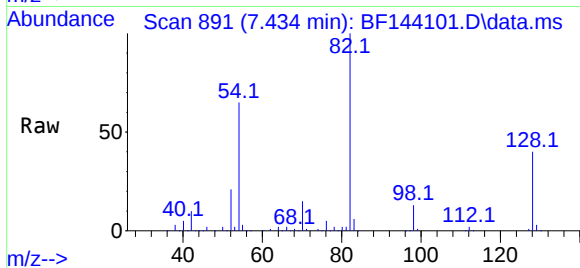


#23
Nitrobenzene-d5
Concen: 53.602 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

Instrument :
BNA_F
ClientSampleId :
PR132-DP3-20251021

Tgt Ion: 82 Resp: 245027

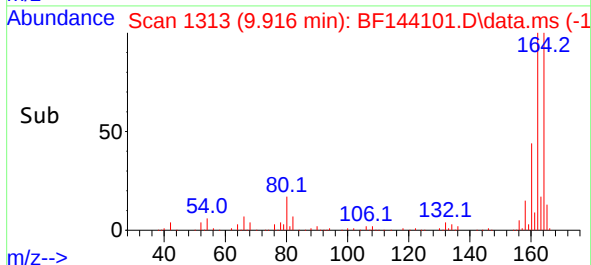
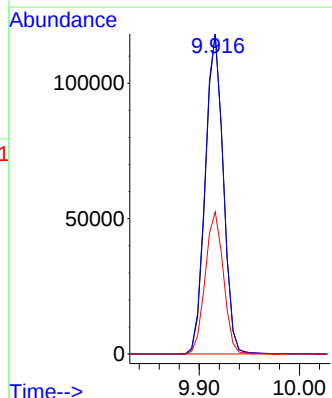
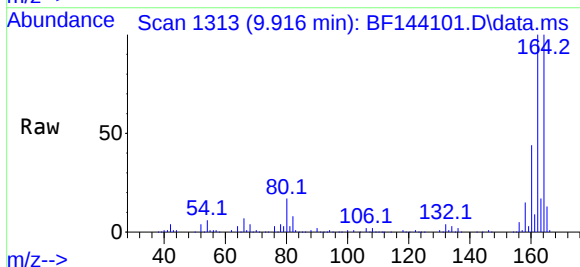
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.4	48.6
54	64.6	54.0	81.0

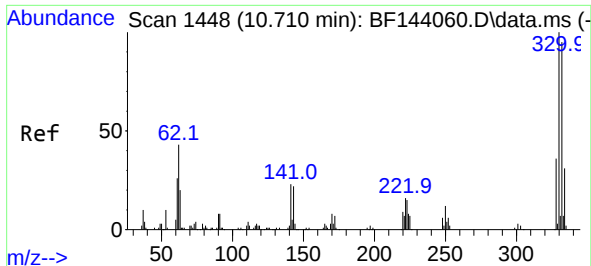


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

Tgt Ion:164 Resp: 146834

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.2
160	44.5	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 90.331 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF144101.D

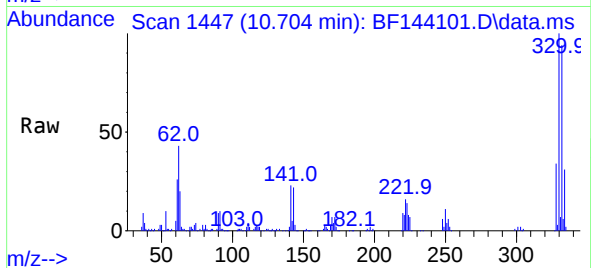
Acq: 28 Oct 2025 15:16

Instrument :

BNA_F

ClientSampleId :

PR132-DP3-20251021



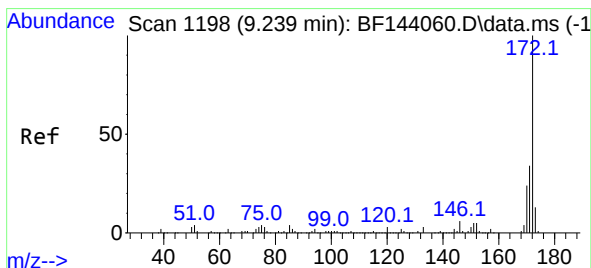
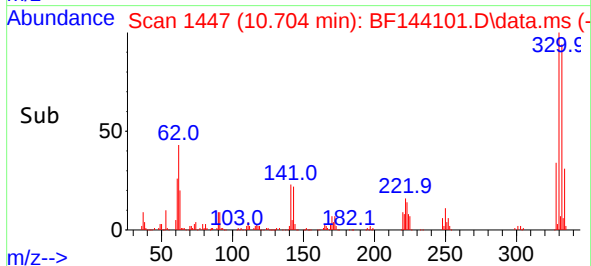
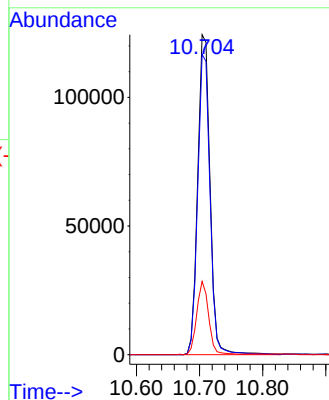
Tgt Ion:330 Resp: 168953

Ion Ratio Lower Upper

330 100

332 93.4 77.0 115.6

141 22.1 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 49.278 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144101.D

Acq: 28 Oct 2025 15:16

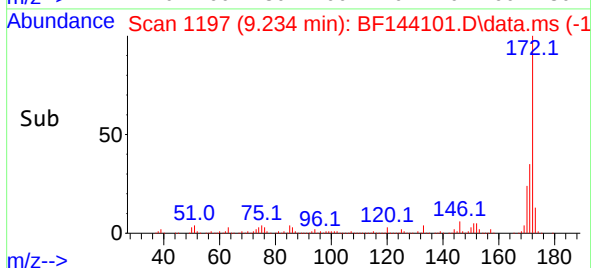
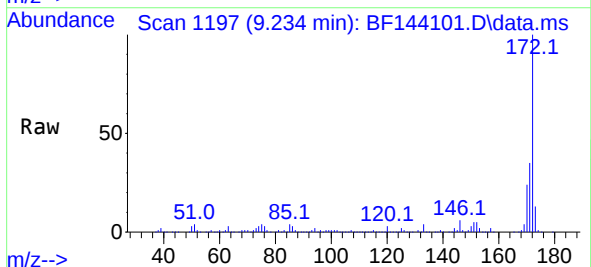
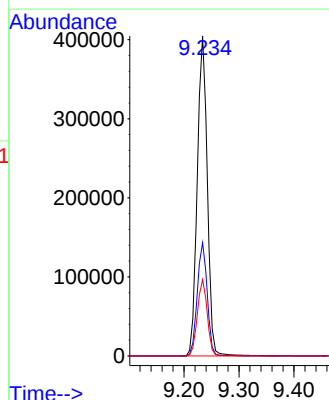
Tgt Ion:172 Resp: 514180

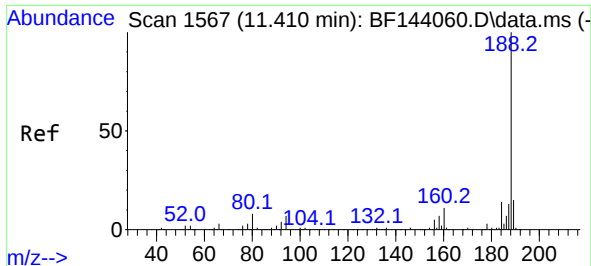
Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

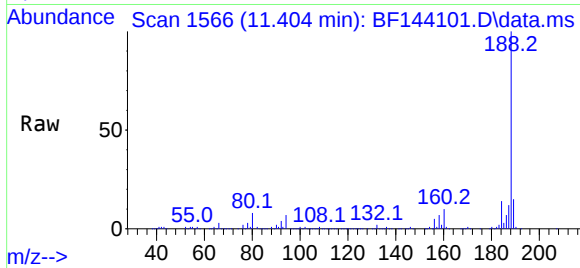
170 23.9 19.0 28.6



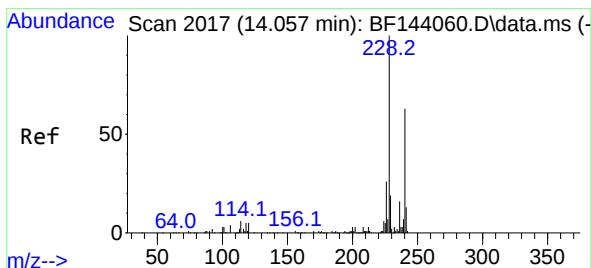
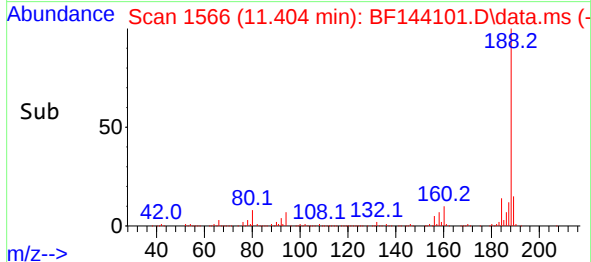
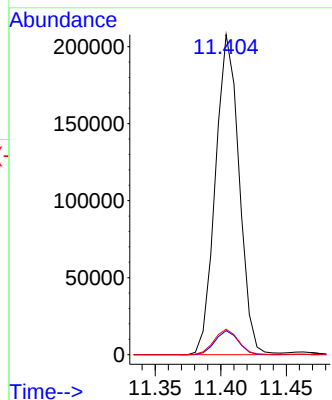


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

Instrument :
BNA_F
ClientSampleId :
PR132-DP3-20251021

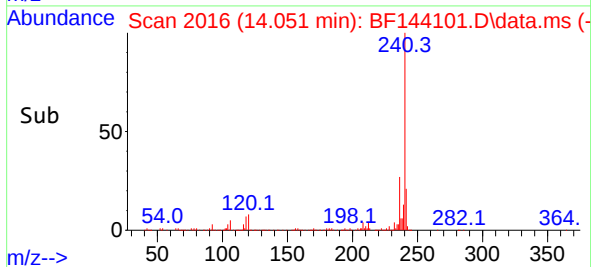
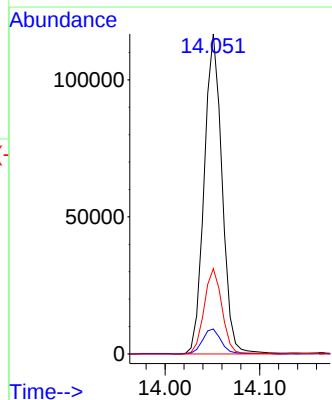
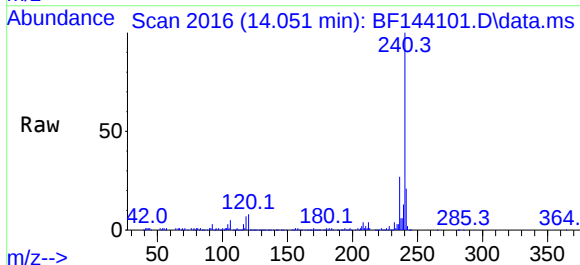


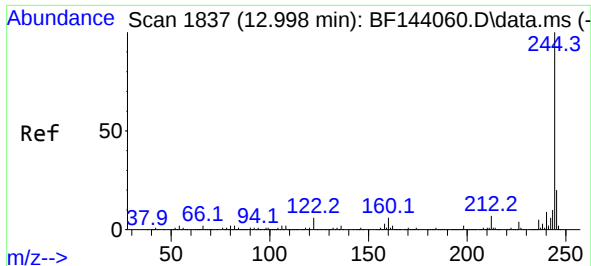
Tgt Ion:188 Resp: 261219
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.0 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144101.D
Acq: 28 Oct 2025 15:16

Tgt Ion:240 Resp: 153054
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 26.6 20.1 30.1

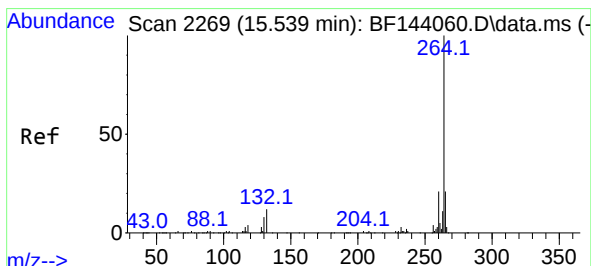
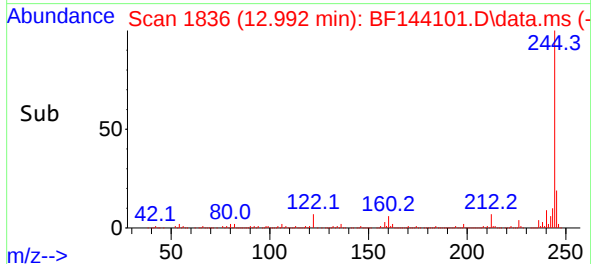
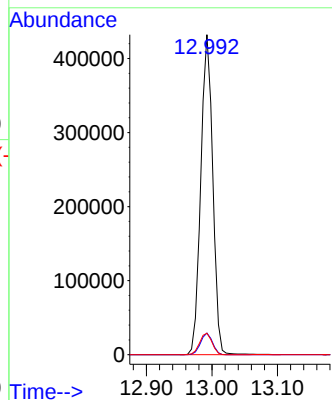
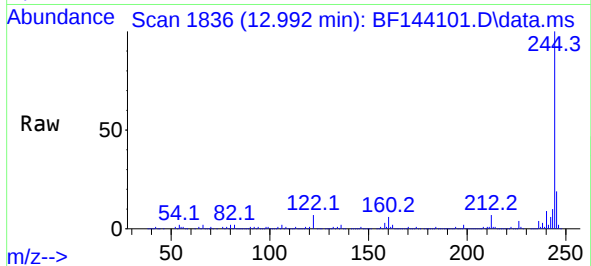




#79
 Terphenyl-d14
 Concen: 62.863 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144101.D
 Acq: 28 Oct 2025 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PR132-DP3-20251021

Tgt Ion:244 Resp: 550354
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 6.7 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144101.D
 Acq: 28 Oct 2025 15:16

Tgt Ion:264 Resp: 162396
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.0 25.4
 265 21.7 16.6 24.8

