

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
 Data File : BF143674.D
 Acq On : 08 Sep 2025 20:17
 Operator : RC/JU
 Sample : PB169556TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169556TB

Quant Time: Sep 09 05:25:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 05:18:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	46527	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	178337	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	102901	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	175894	20.000	ng	0.00
76) Chrysene-d12	14.039	240	114901	20.000	ng	0.00
86) Perylene-d12	15.515	264	105743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	404583	150.316	ng	0.01
7) Phenol-d6	6.504	99	493489	150.241	ng	0.00
23) Nitrobenzene-d5	7.445	82	309771	108.147	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	163303	156.532	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	688829	104.384	ng	0.00
79) Terphenyl-d14	12.992	244	779438	111.196	ng	0.00

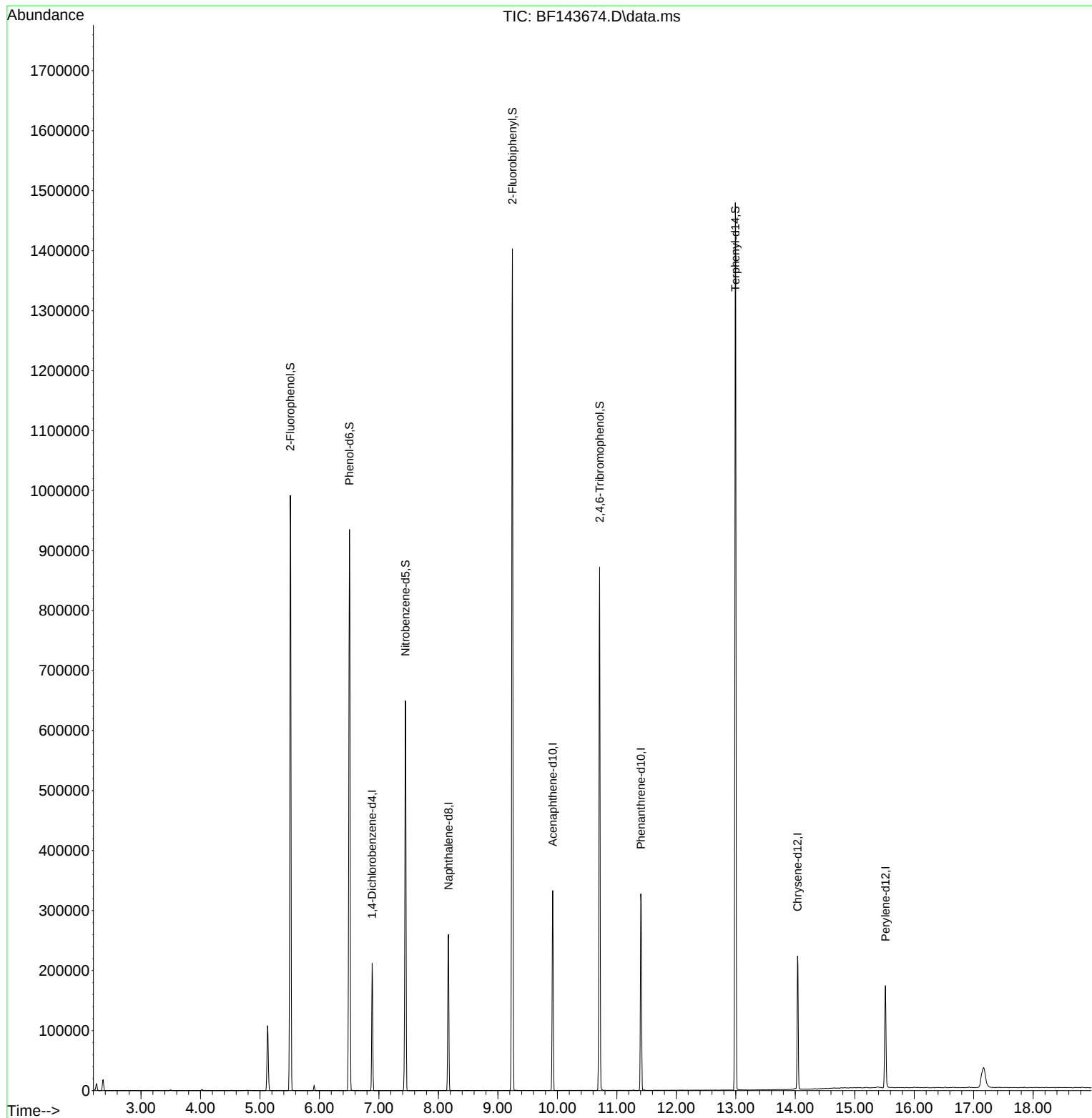
Target Compounds Qvalue

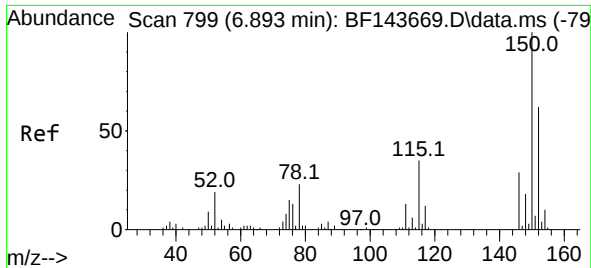
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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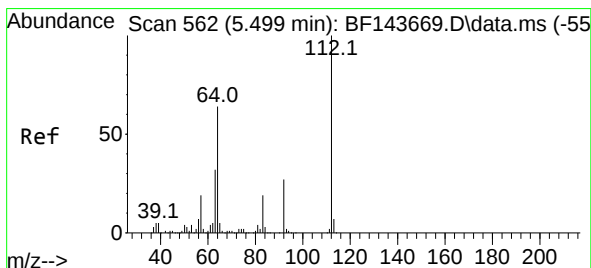
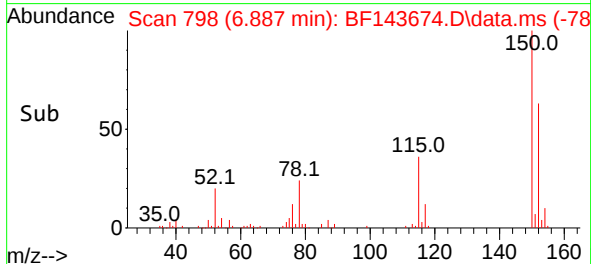
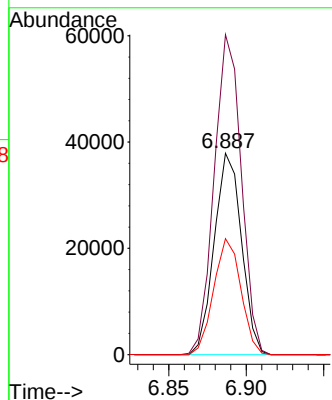
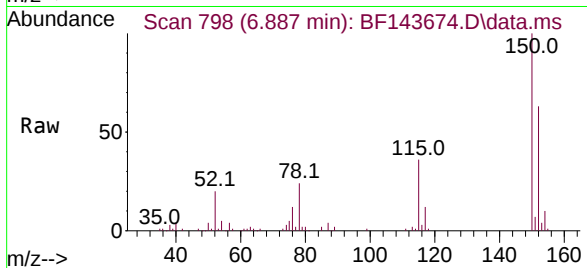




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

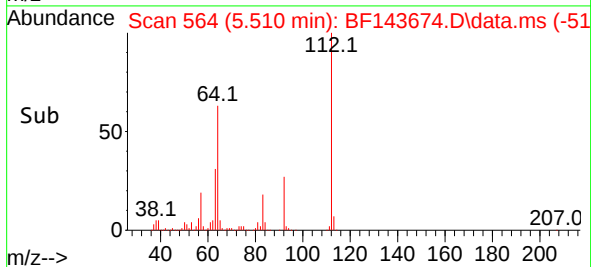
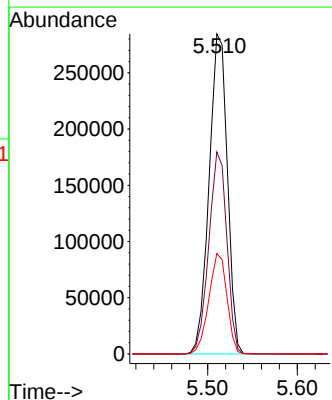
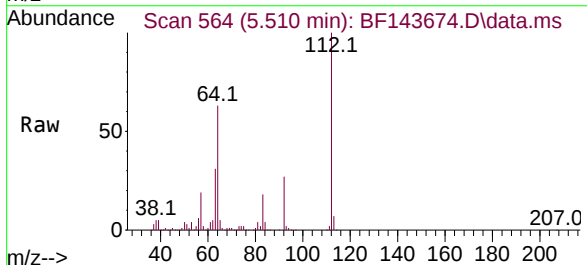
Instrument :
BNA_F
ClientSampleId :
PB169556TB

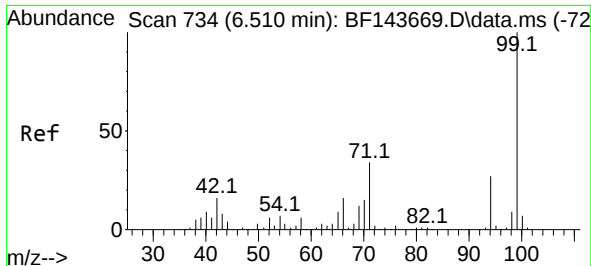
Tgt Ion:152 Resp: 46527
Ion Ratio Lower Upper
152 100
150 159.0 128.2 192.2
115 57.6 45.0 67.4



#5
2-Fluorophenol
Concen: 150.316 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

Tgt Ion:112 Resp: 404583
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 31.4 25.4 38.0

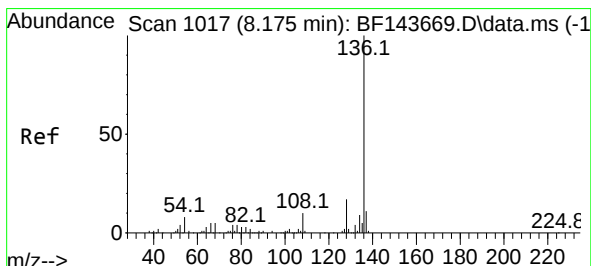
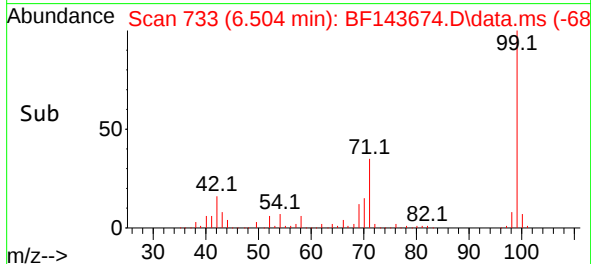
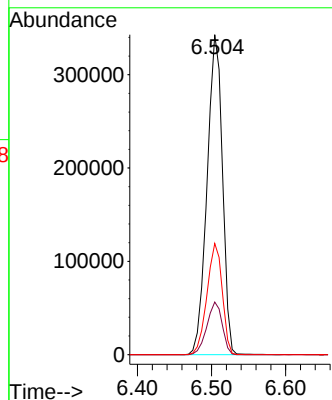
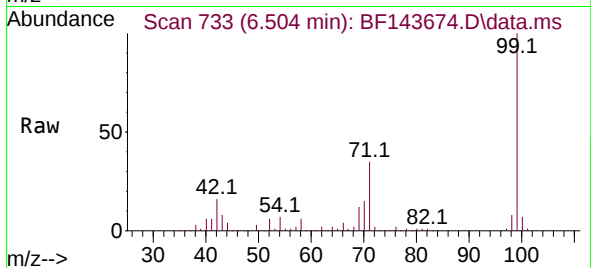




#7
Phenol-d6
Concen: 150.241 ng
RT: 6.504 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

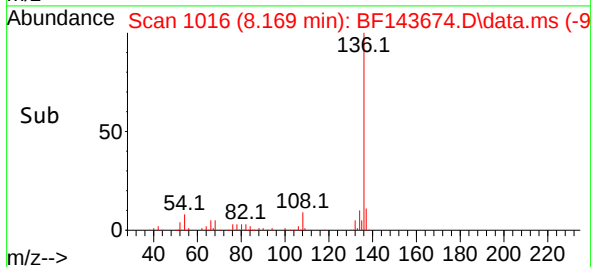
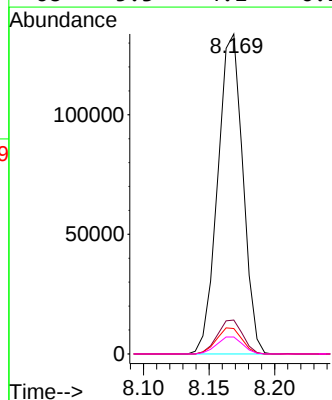
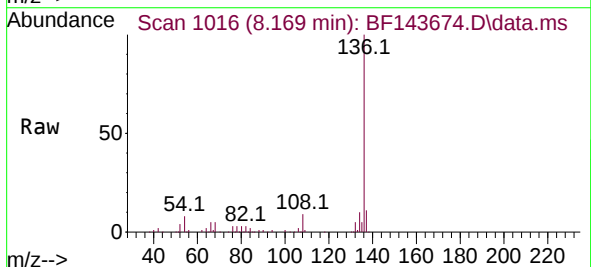
Instrument :
BNA_F
ClientSampleId :
PB169556TB

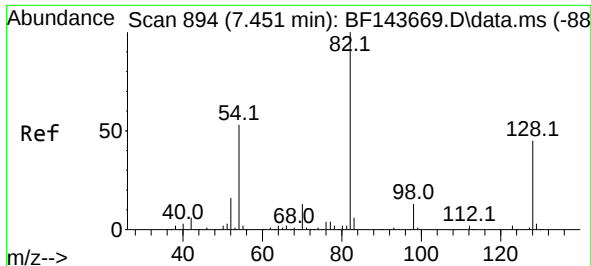
Tgt Ion: 99 Resp: 493489
Ion Ratio Lower Upper
99 100
42 16.4 13.1 19.7
71 34.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

Tgt Ion: 136 Resp: 178337
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 6.4 9.6
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 108.147 ng

RT: 7.445 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143674.D

Acq: 08 Sep 2025 20:17

Instrument :

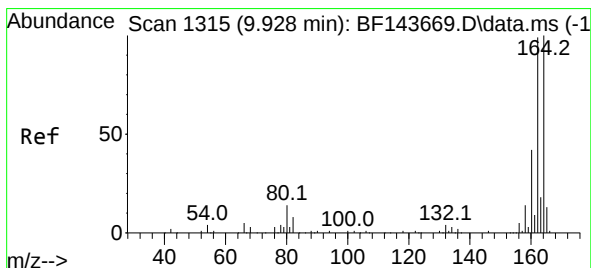
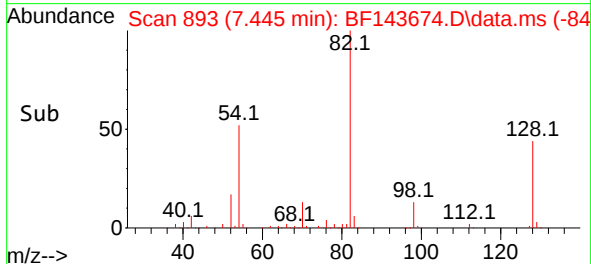
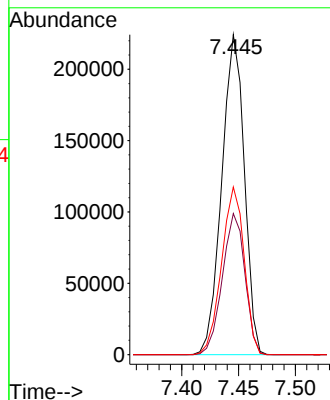
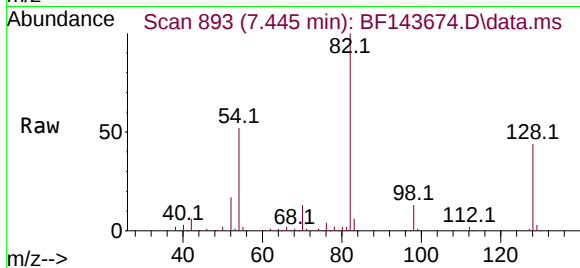
BNA_F

ClientSampleId :

PB169556TB

Tgt Ion: 82 Resp: 309771

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.0	54.0
54	52.4	41.9	62.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

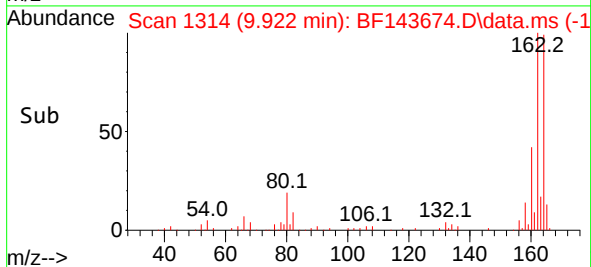
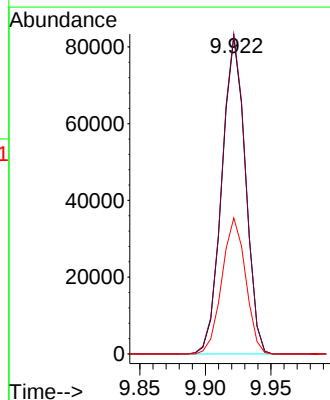
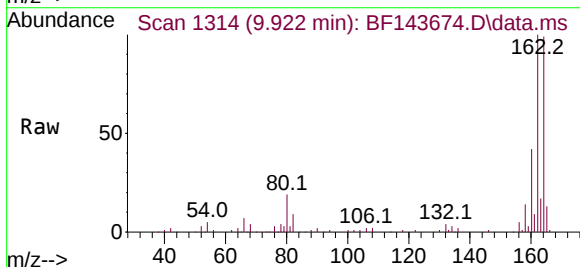
Delta R.T. -0.006 min

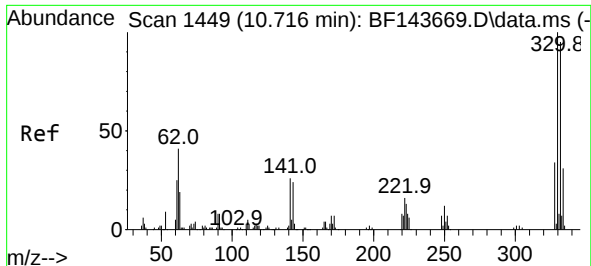
Lab File: BF143674.D

Acq: 08 Sep 2025 20:17

Tgt Ion:164 Resp: 102901

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.6	119.4
160	42.9	33.9	50.9





#42

2,4,6-Tribromophenol

Concen: 156.532 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143674.D

Acq: 08 Sep 2025 20:17

Instrument :

BNA_F

ClientSampleId :

PB169556TB

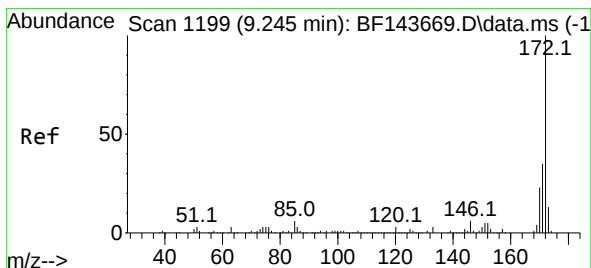
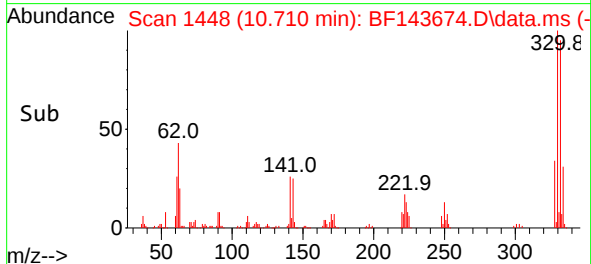
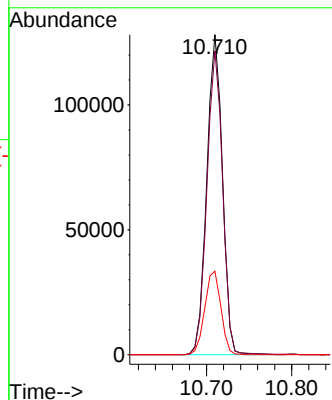
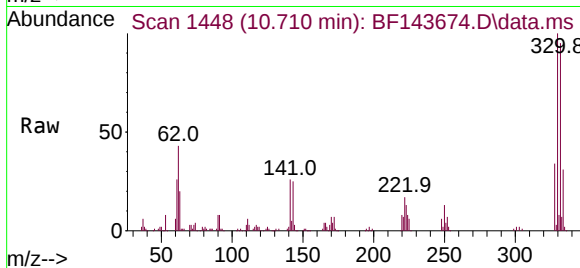
Tgt Ion:330 Resp: 163303

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.2

141 26.9 22.0 33.0



#45

2-Fluorobiphenyl

Concen: 104.384 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143674.D

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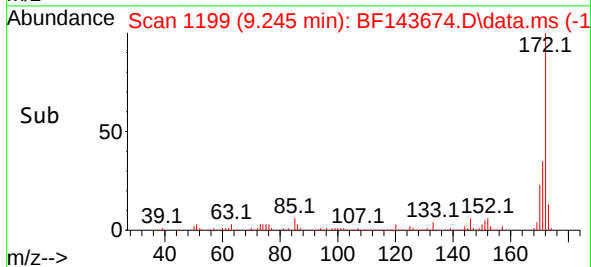
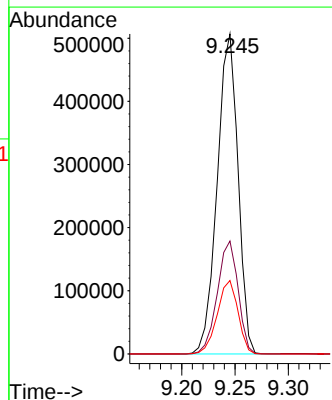
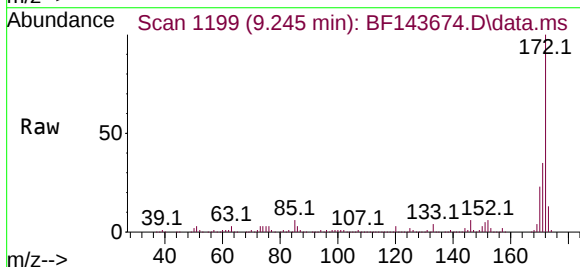
Tgt Ion:172 Resp: 688829

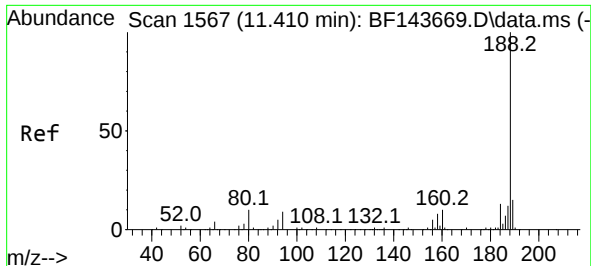
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 22.9 18.7 28.1

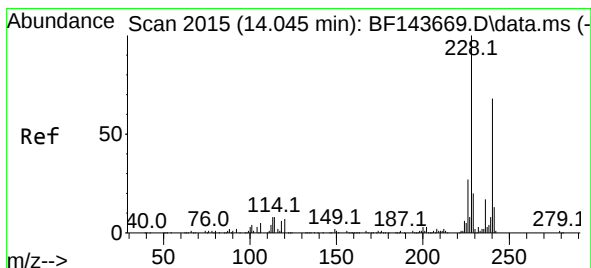
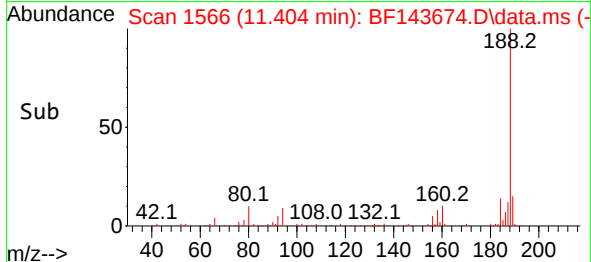
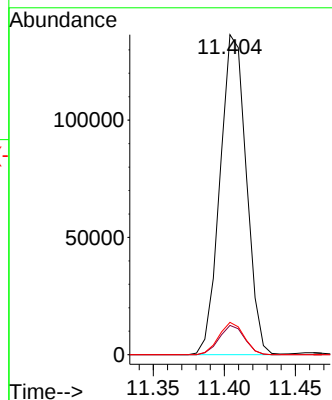
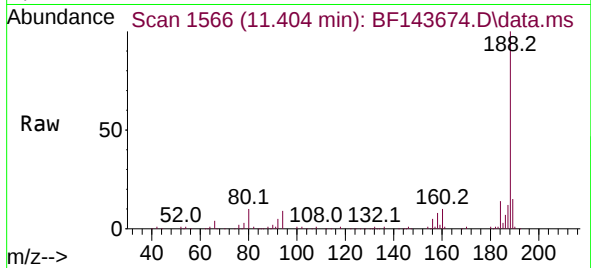




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

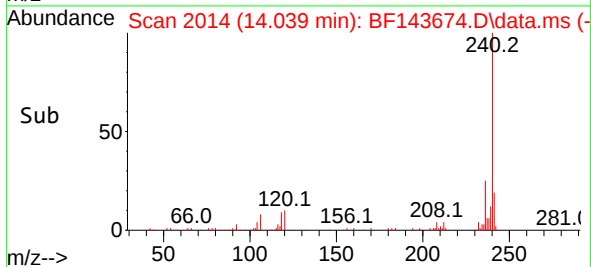
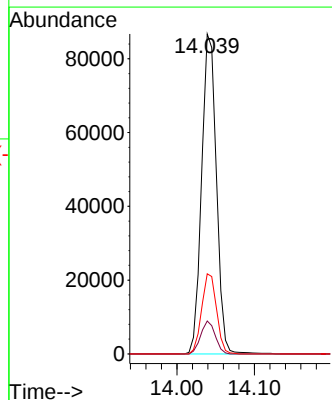
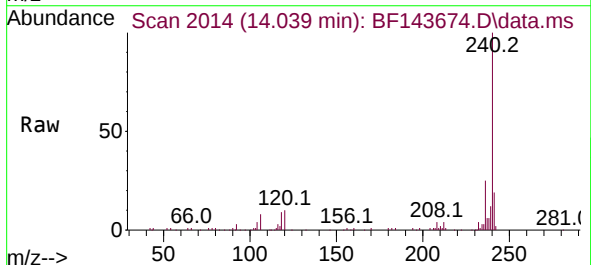
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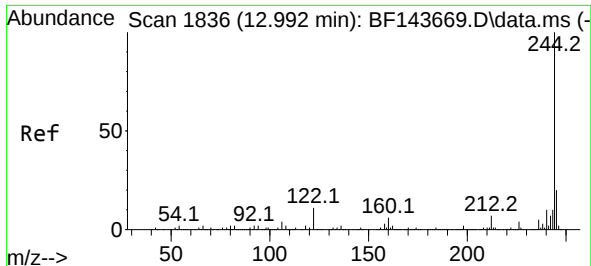
Tgt Ion:188 Resp: 175894
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

Tgt Ion:240 Resp: 114901
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 25.1 19.8 29.8

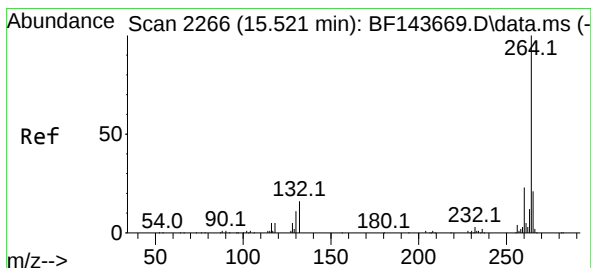
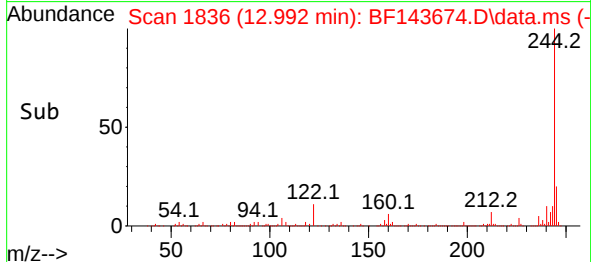
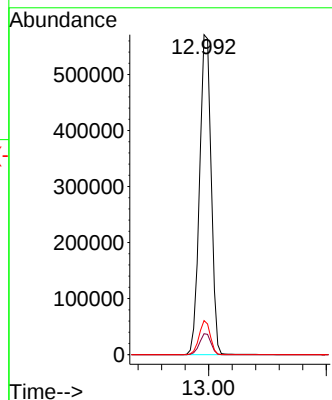
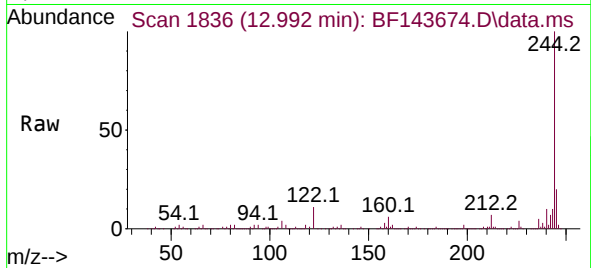




#79
Terphenyl-d14
Concen: 111.196 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

Instrument :
BNA_F
ClientSampleId :
PB169556TB

Tgt Ion:244 Resp: 779438
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.7 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF143674.D
Acq: 08 Sep 2025 20:17

Tgt Ion:264 Resp: 105743
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.4
265 21.1 17.2 25.8

