

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142819.D
 Acq On : 24 Jun 2025 14:57
 Operator : RC/JU
 Sample : Q2385-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5311

Quant Time: Jun 24 15:23:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57652	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	201737	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	98227	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	177468	20.000	ng	0.00
76) Chrysene-d12	14.051	240	190575	20.000	ng	0.00
86) Perylene-d12	15.539	264	145831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	209418	60.478	ng	0.00
7) Phenol-d6	6.504	99	148846	36.434	ng	0.00
23) Nitrobenzene-d5	7.440	82	287638	78.207	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	137132	135.664	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	579829	77.545	ng	0.00
79) Terphenyl-d14	12.992	244	766482	55.571	ng	0.00

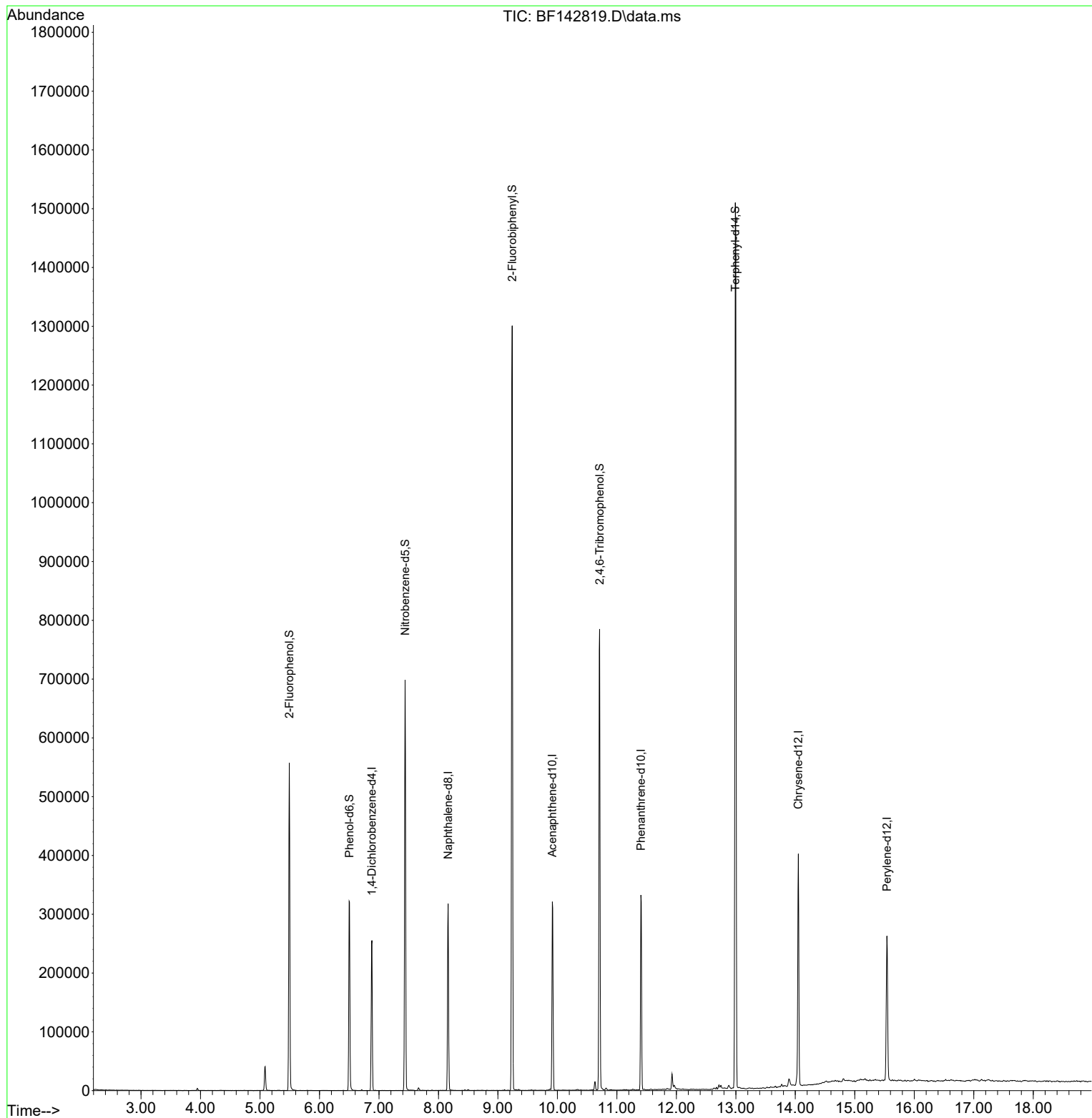
Target Compounds	Qvalue

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

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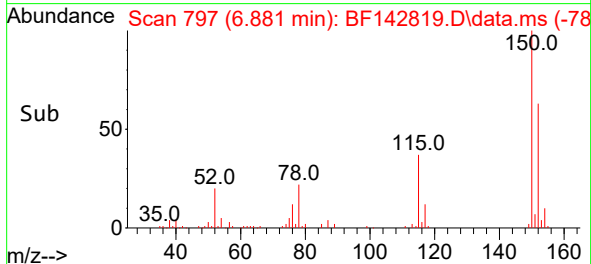
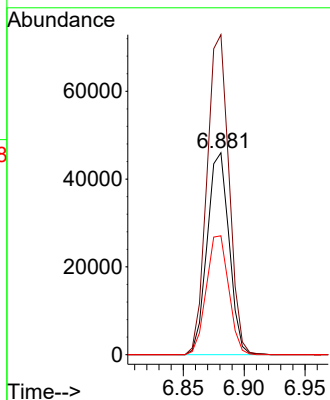
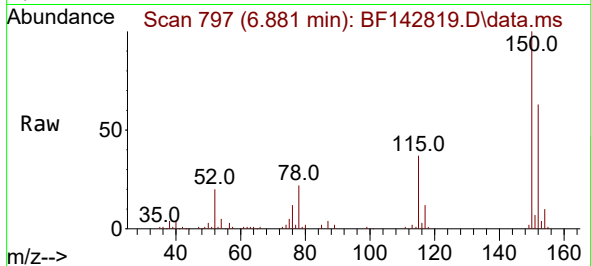




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF142819.D
 Acq: 24 Jun 2025 14:57

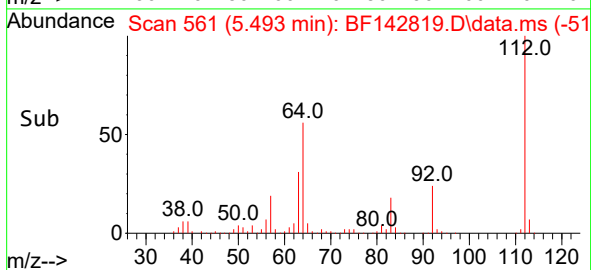
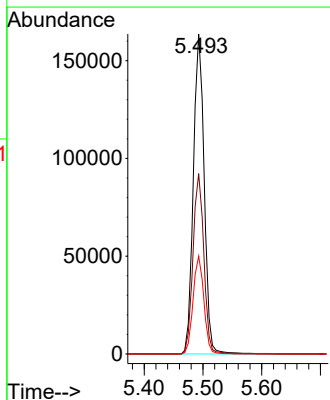
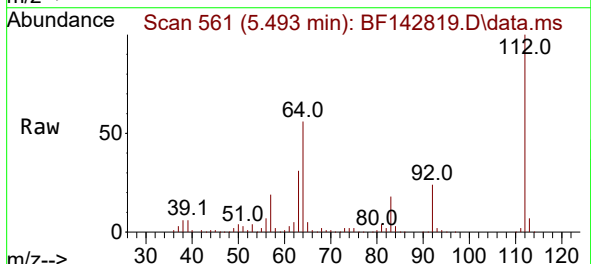
Instrument :
 BNA_F
 ClientSampleId :
 A5311

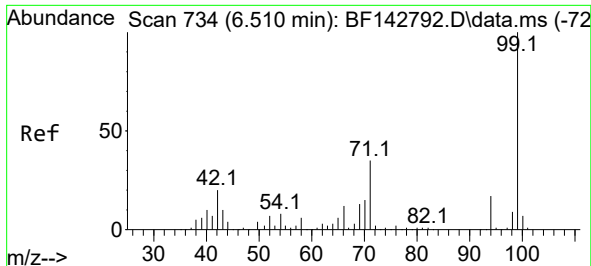
Tgt Ion:152 Resp: 57652
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.2 190.8
 115 58.9 46.6 69.8



#5
 2-Fluorophenol
 Concen: 60.478 ng
 RT: 5.493 min Scan# 561
 Delta R.T. 0.001 min
 Lab File: BF142819.D
 Acq: 24 Jun 2025 14:57

Tgt Ion:112 Resp: 209418
 Ion Ratio Lower Upper
 112 100
 64 56.3 48.2 72.2
 63 30.6 25.7 38.5

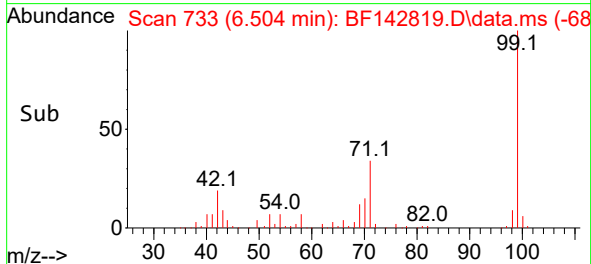
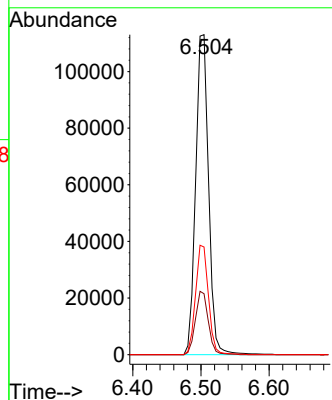
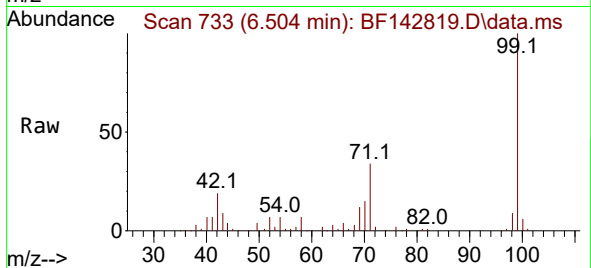




#7
Phenol-d6
Concen: 36.434 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142819.D
Acq: 24 Jun 2025 14:57

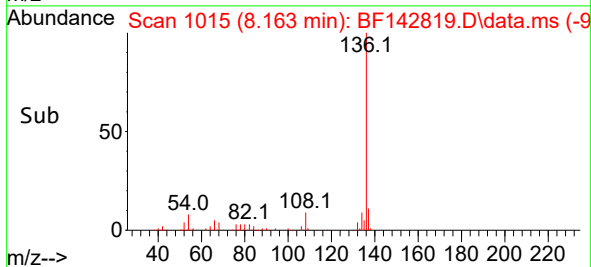
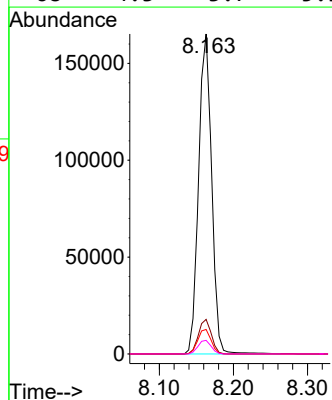
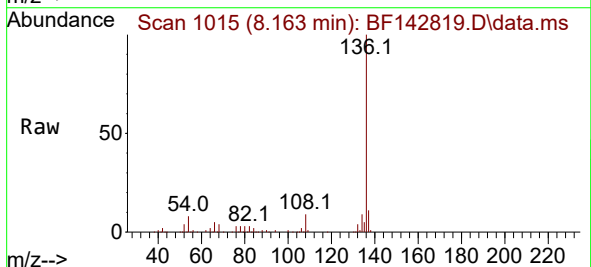
Instrument :
BNA_F
ClientSampleId :
A5311

Tgt Ion: 99 Resp: 148846
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 33.7 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: BF142819.D
Acq: 24 Jun 2025 14:57

Tgt Ion: 136 Resp: 201737
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.7 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 78.207 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142819.D

Acq: 24 Jun 2025 14:57

Instrument :

BNA_F

ClientSampleId :

A5311

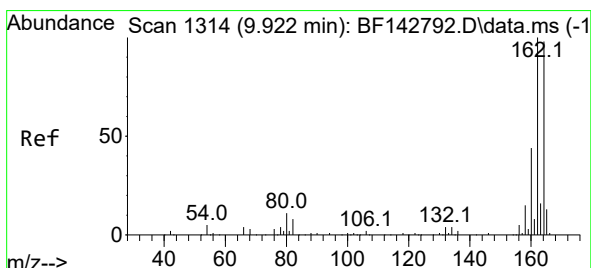
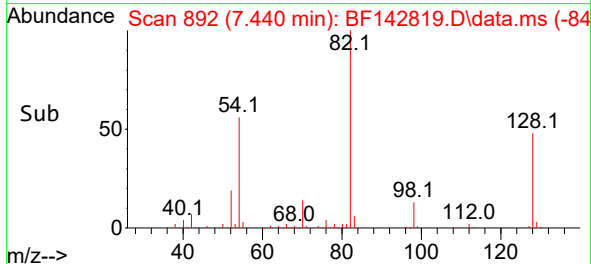
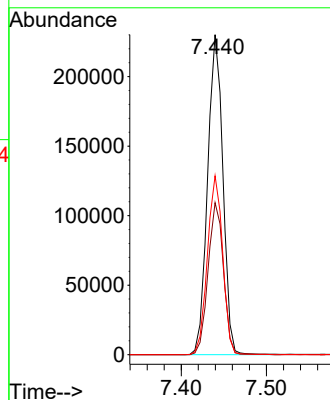
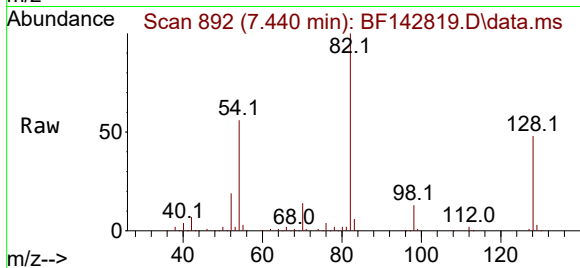
Tgt Ion: 82 Resp: 287638

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 55.9 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142819.D

Acq: 24 Jun 2025 14:57

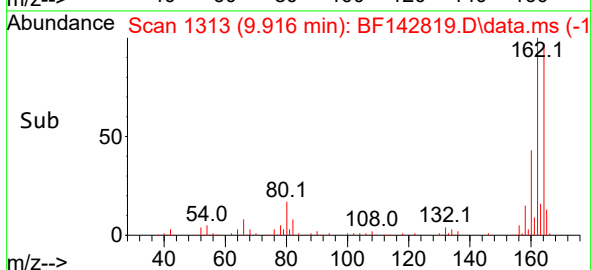
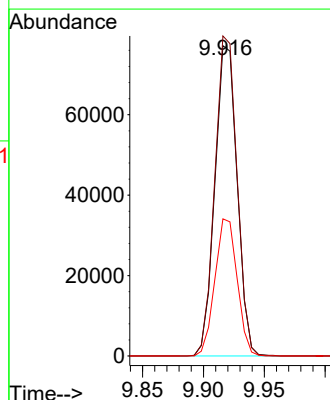
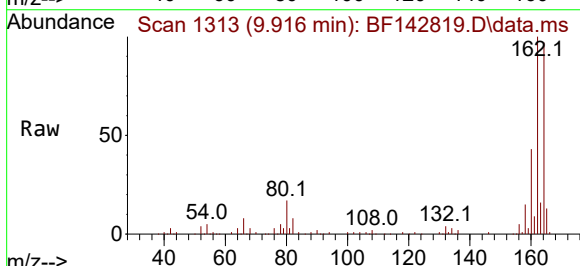
Tgt Ion:164 Resp: 98227

Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.8

160 44.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 135.664 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142819.D

Acq: 24 Jun 2025 14:57

Instrument :

BNA_F

ClientSampleId :

A5311

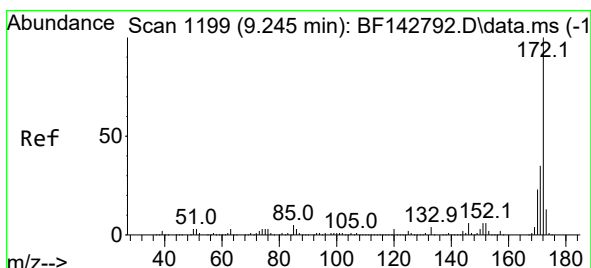
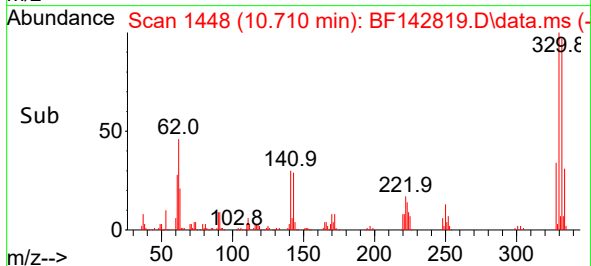
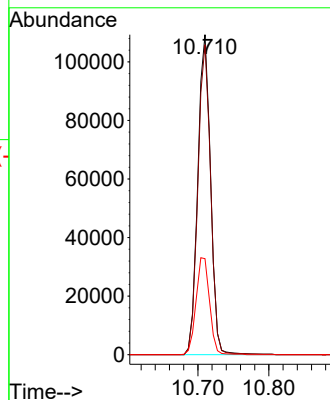
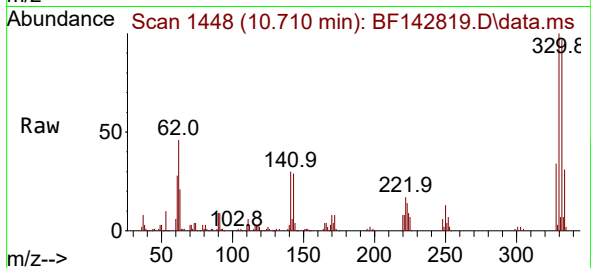
Tgt Ion:330 Resp: 137132

Ion Ratio Lower Upper

330 100

332 96.8 75.0 112.6

141 32.0 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 77.545 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.005 min

Lab File: BF142819.D

Acq: 24 Jun 2025 14:57

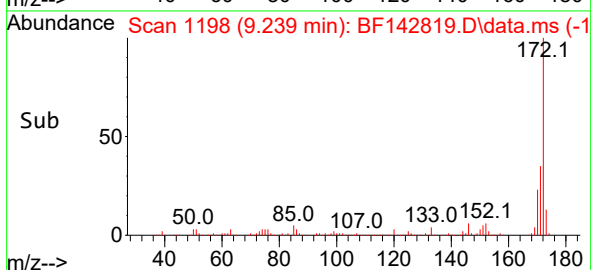
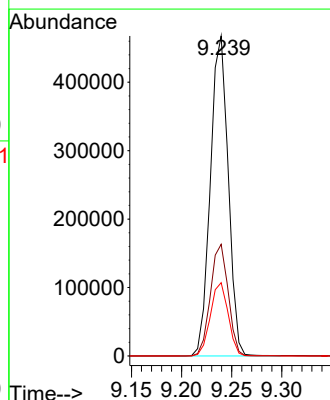
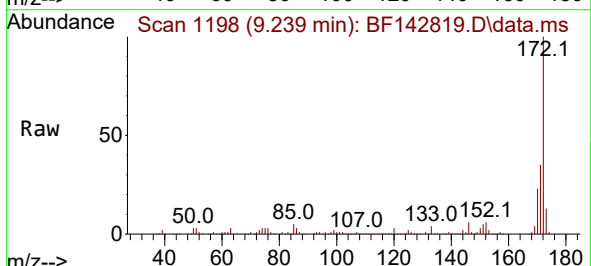
Tgt Ion:172 Resp: 579829

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 22.9 18.5 27.7

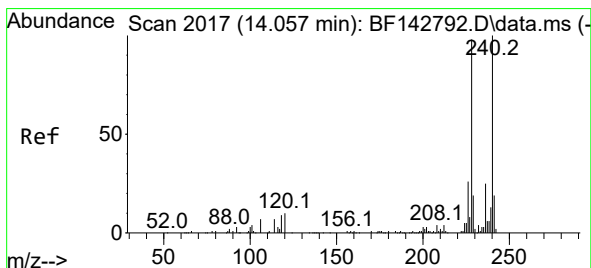
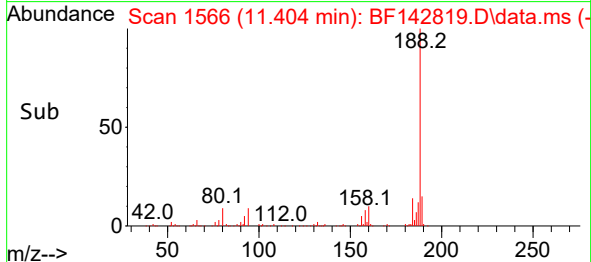
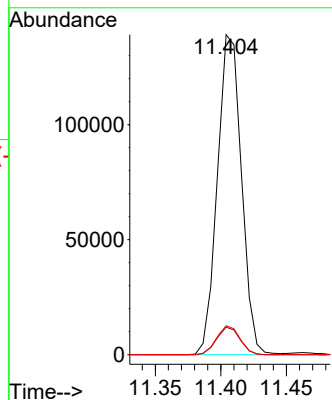
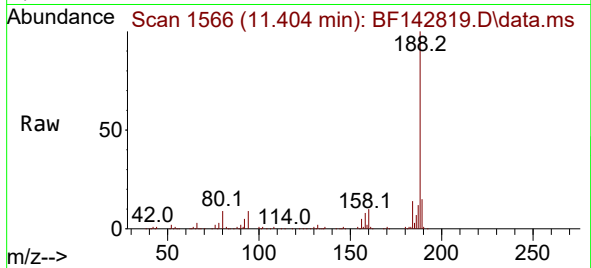




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142819.D
Acq: 24 Jun 2025 14:57

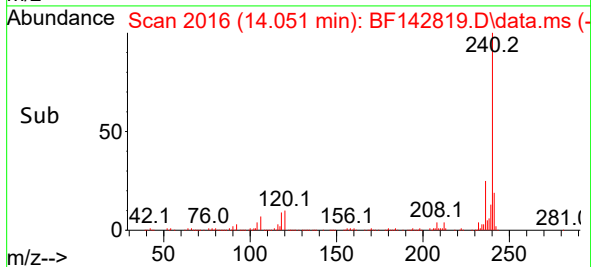
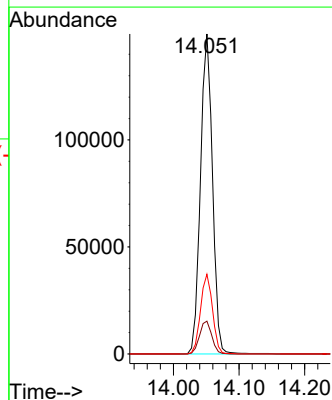
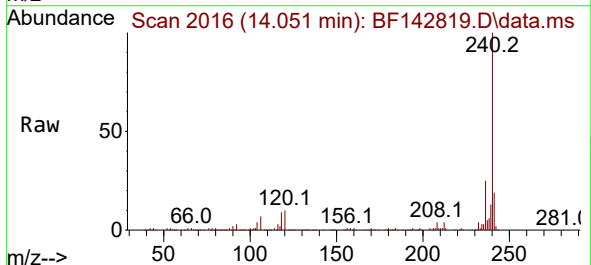
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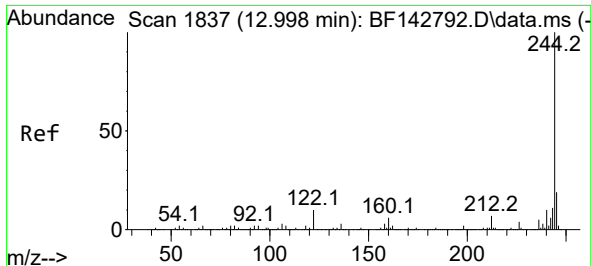
Tgt Ion:188 Resp: 177468
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142819.D
Acq: 24 Jun 2025 14:57

Tgt Ion:240 Resp: 190575
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.9 19.8 29.8

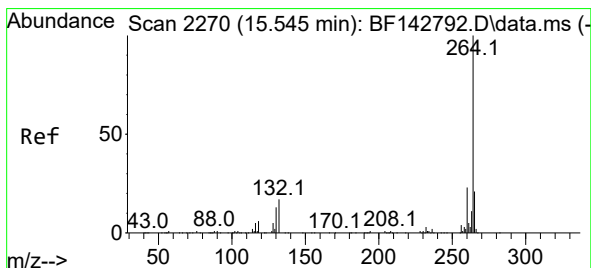
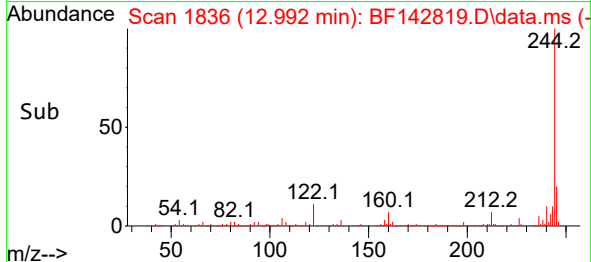
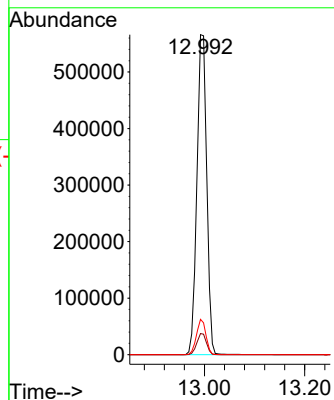
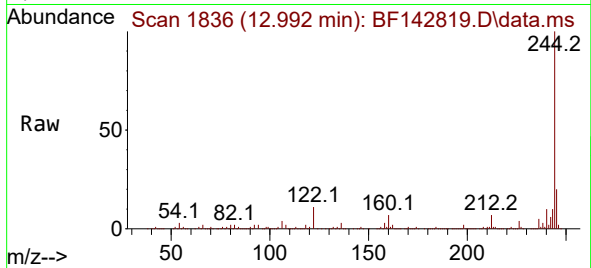




#79
 Terphenyl-d14
 Concen: 55.571 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142819.D
 Acq: 24 Jun 2025 14:57

Instrument :
 BNA_F
 ClientSampleId :
 A5311

Tgt Ion:244 Resp: 766482
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142819.D
 Acq: 24 Jun 2025 14:57

Tgt Ion:264 Resp: 145831
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.1 16.6 25.0

