

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142835.D
 Acq On : 25 Jun 2025 13:55
 Operator : RC/JU
 Sample : PB168592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BL

Quant Time: Jun 25 14:34:12 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	6.875	152	83049	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315982	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	166060	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	291883	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193847	20.000	ng	0.00
86) Perylene-d12	15.545	264	187448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	594586	119.200	ng	0.01
7) Phenol-d6	6.504	99	692334	117.643	ng	0.00
23) Nitrobenzene-d5	7.439	82	436257	75.729	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215307	125.994	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	947291	74.939	ng	0.00
79) Terphenyl-d14	12.998	244	957603	68.256	ng	0.00

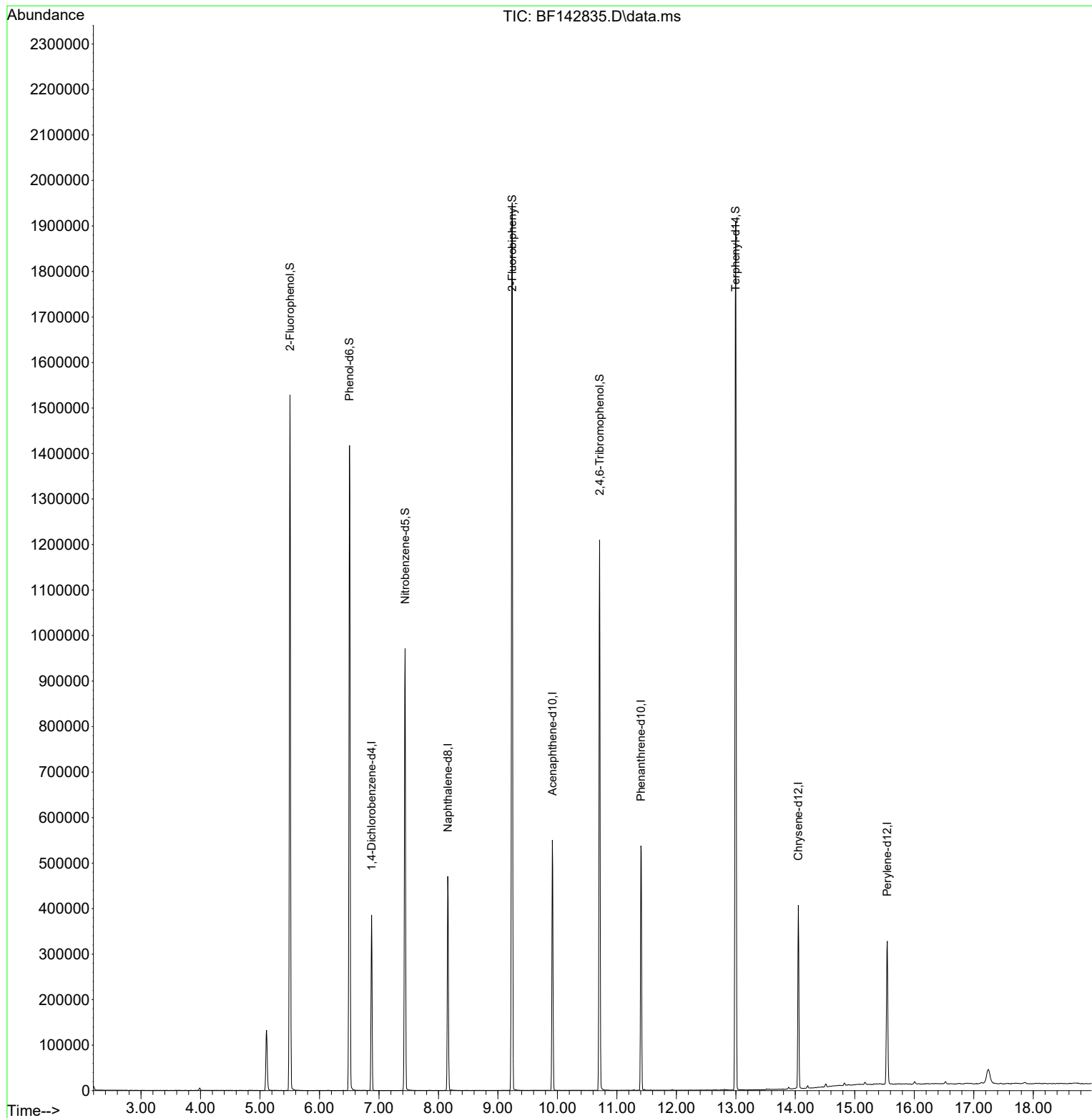
Target Compounds	Qvalue

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

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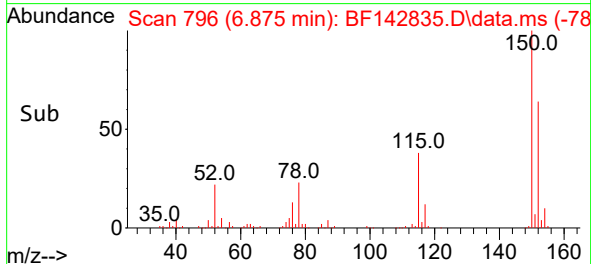
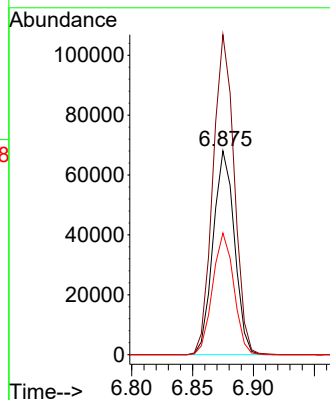
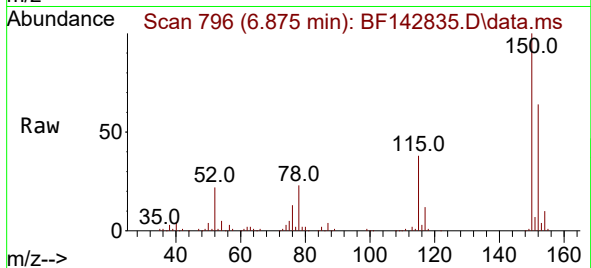




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142835.D
 Acq: 25 Jun 2025 13:55

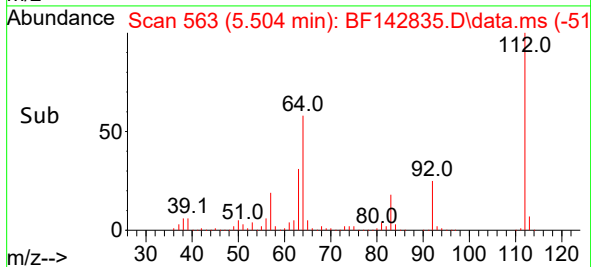
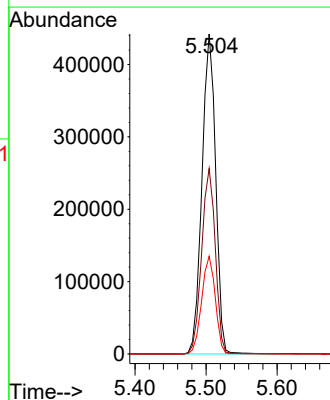
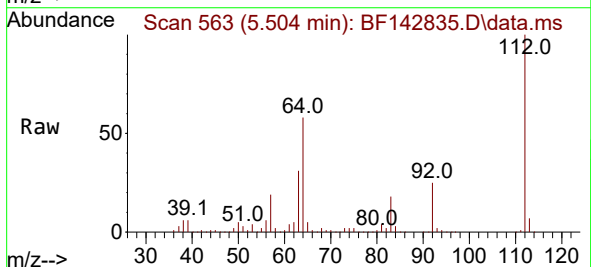
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BL

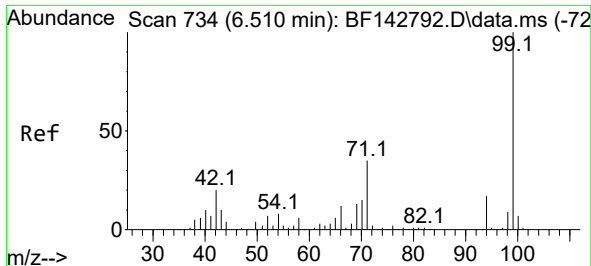
Tgt Ion:152 Resp: 83049
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.2 190.8
 115 59.6 46.6 69.8



#5
 2-Fluorophenol
 Concen: 119.200 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142835.D
 Acq: 25 Jun 2025 13:55

Tgt Ion:112 Resp: 594586
 Ion Ratio Lower Upper
 112 100
 64 57.9 48.2 72.2
 63 30.5 25.7 38.5

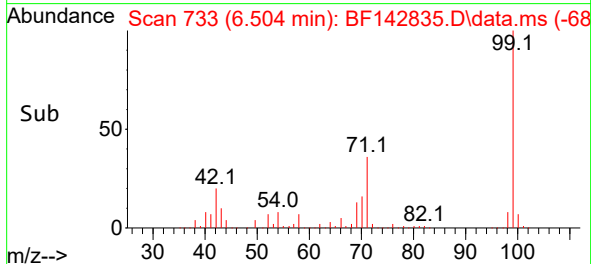
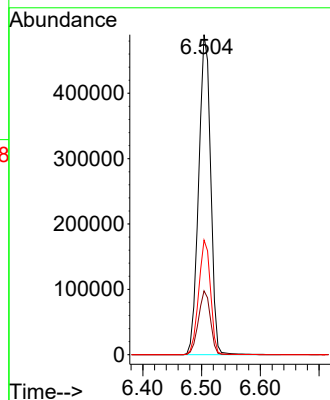
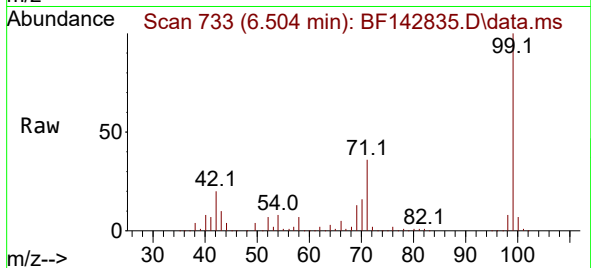




#7
Phenol-d6
Concen: 117.643 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

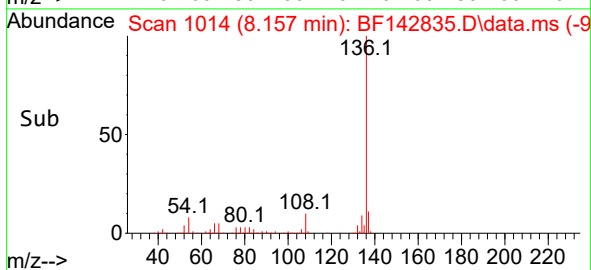
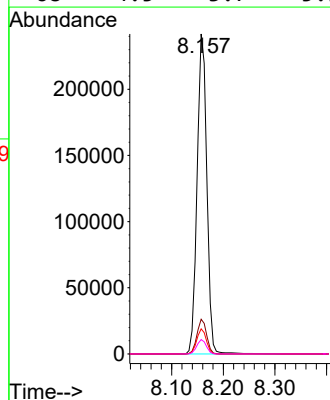
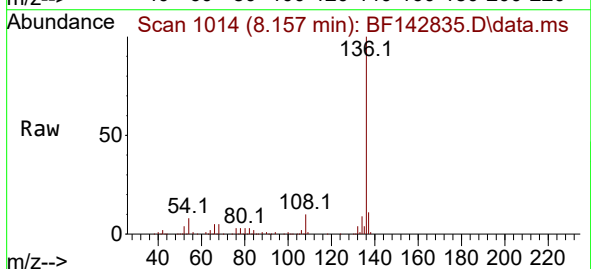
Instrument :
BNA_F
ClientSampleId :
PB168592BL

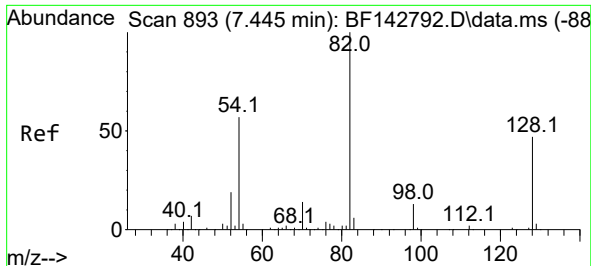
Tgt Ion: 99 Resp: 692334
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion: 136 Resp: 315982
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.9 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 75.729 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

Instrument :

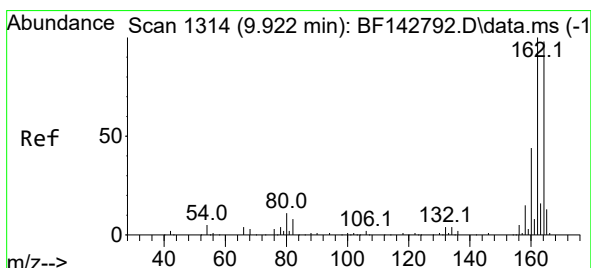
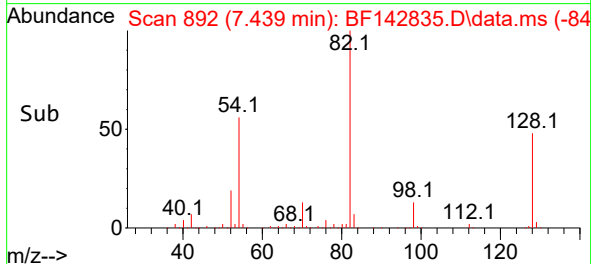
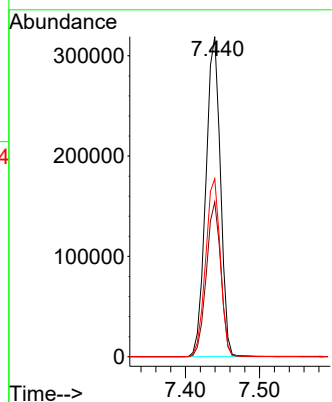
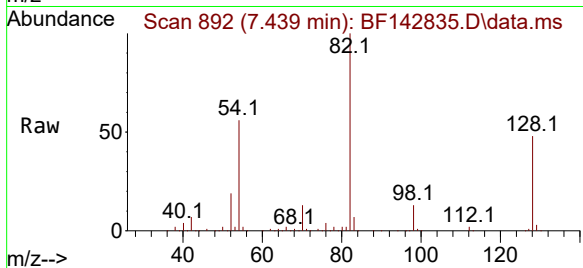
BNA_F

ClientSampleId :

PB168592BL

Tgt Ion: 82 Resp: 436257

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.7	56.5
54	55.6	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

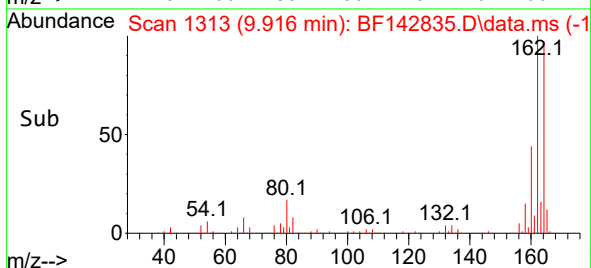
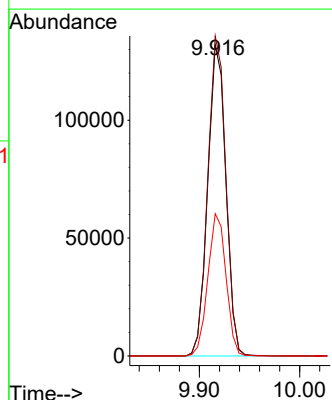
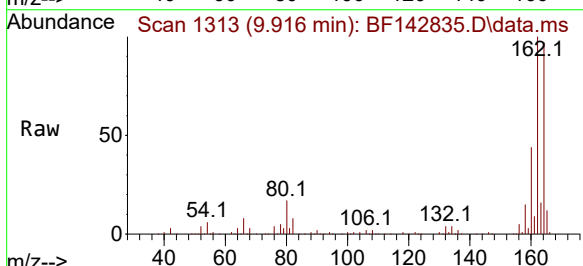
Delta R.T. -0.006 min

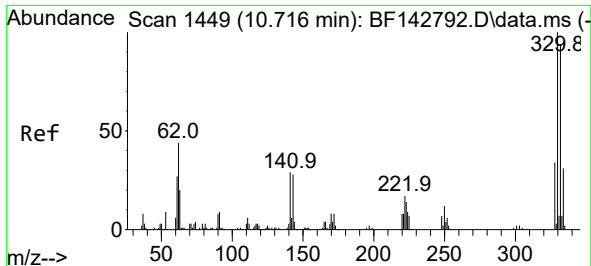
Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

Tgt Ion:164 Resp: 166060

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	45.7	36.0	54.0

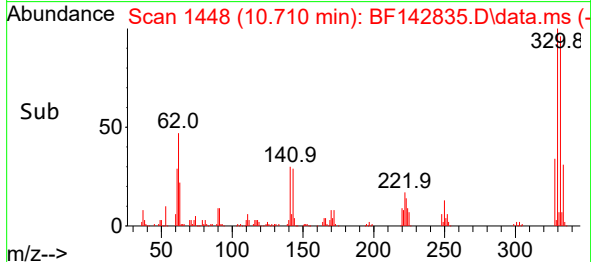
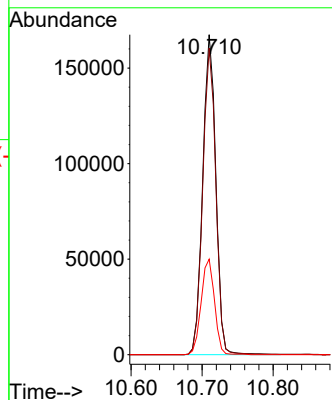
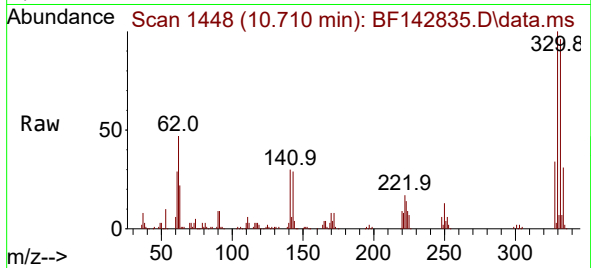




#42
 2,4,6-Tribromophenol
 Concen: 125.994 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF142835.D
 Acq: 25 Jun 2025 13:55

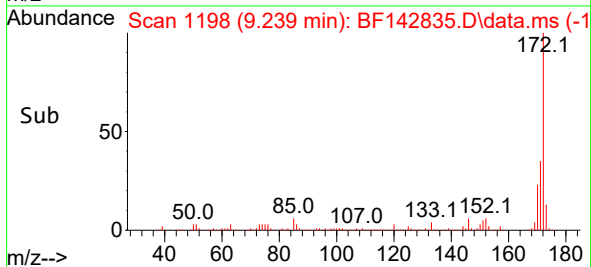
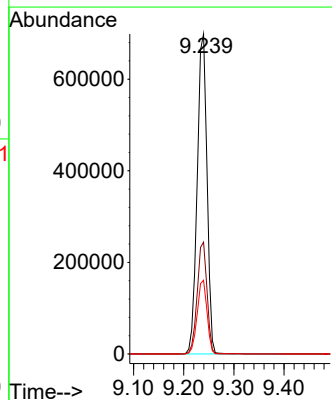
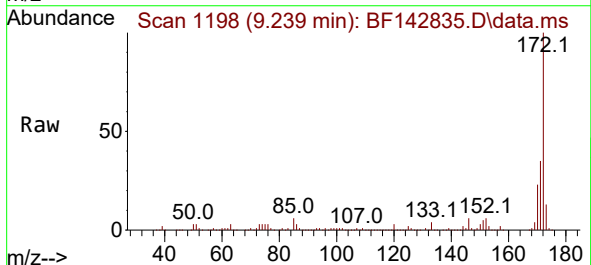
Instrument :
 BNA_F
 ClientSampleId :
 PB168592BL

Tgt Ion:330 Resp: 215307
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.0 112.6
 141 30.5 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 74.939 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF142835.D
 Acq: 25 Jun 2025 13:55

Tgt Ion:172 Resp: 947291
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.4
 170 23.0 18.5 27.7

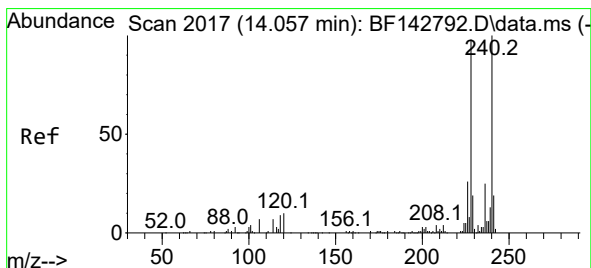
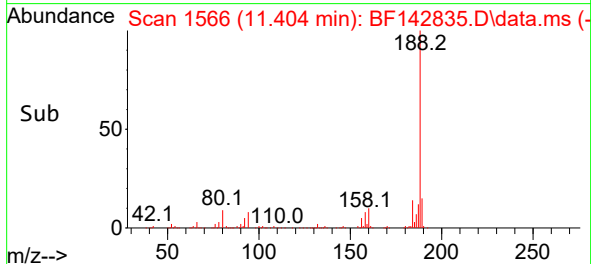
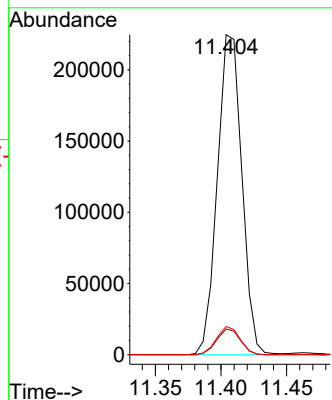
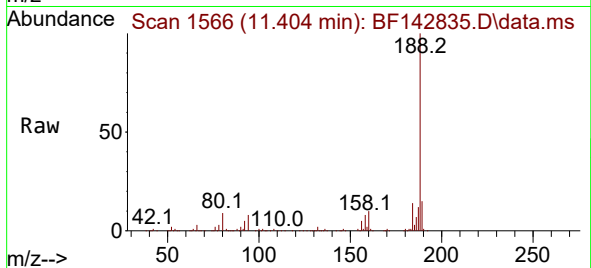




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

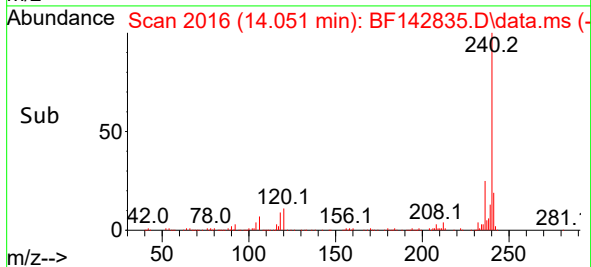
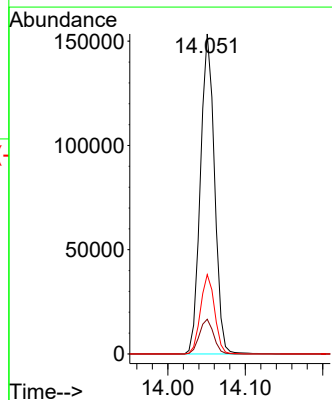
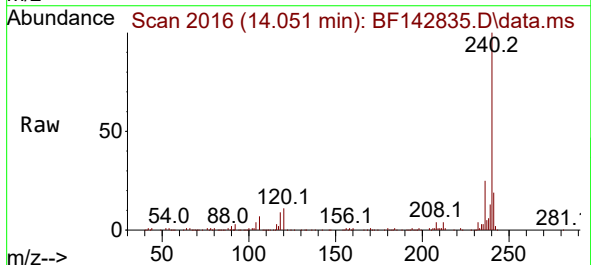
Instrument :
BNA_F
ClientSampleId :
PB168592BL

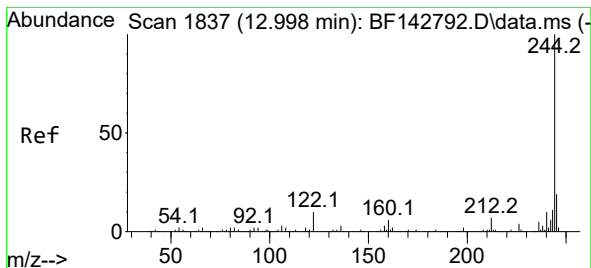
Tgt Ion:188 Resp: 291883
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:240 Resp: 193847
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 24.8 19.8 29.8





#79

Terphenyl-d14

Concen: 68.256 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

Instrument :

BNA_F

ClientSampleId :

PB168592BL

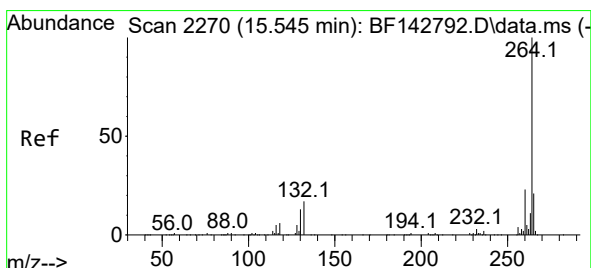
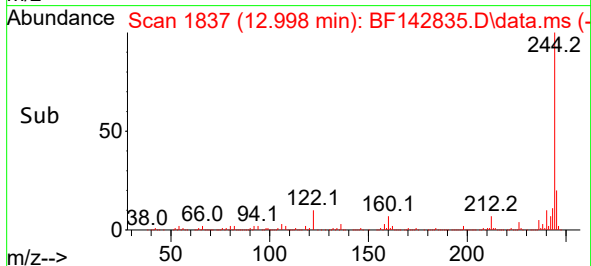
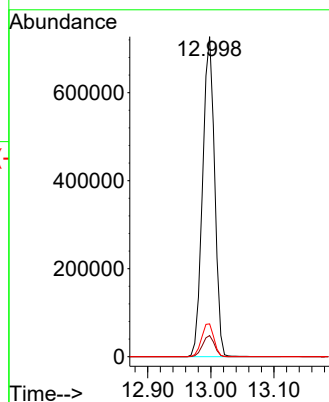
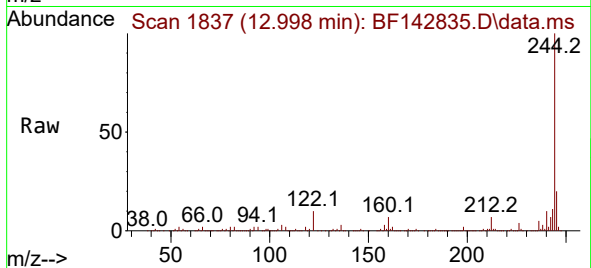
Tgt Ion:244 Resp: 957603

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

Tgt Ion:264 Resp: 187448

Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.3 16.6 25.0

