

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142891.D
 Acq On : 27 Jun 2025 14:17
 Operator : RC/JU
 Sample : Q2413-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-74

Quant Time: Jun 27 14:42:16 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)

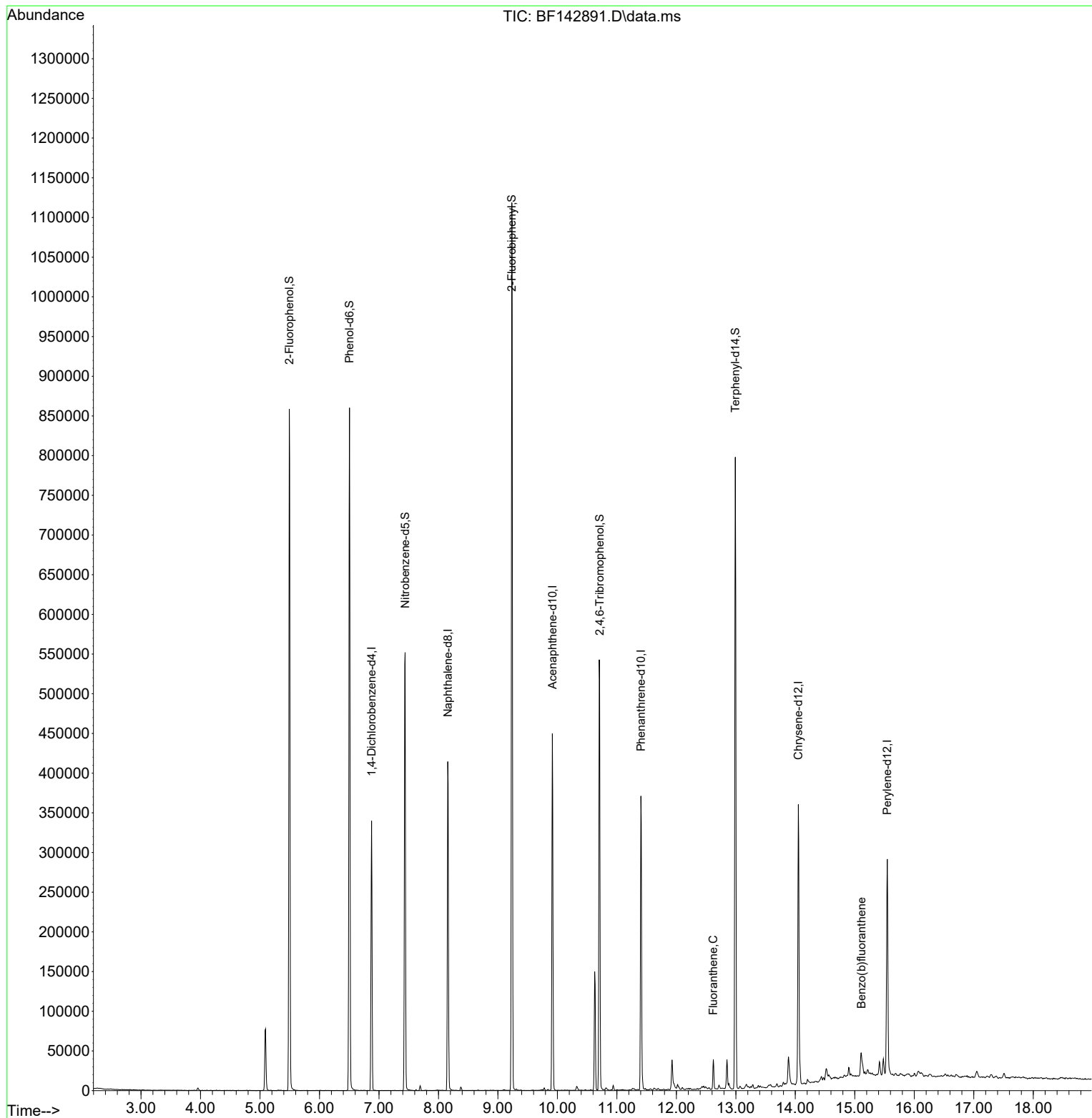
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73989	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	272969	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135853	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	197144	20.000	ng	0.00
76) Chrysene-d12	14.051	240	161564	20.000	ng	0.00
86) Perylene-d12	15.545	264	156020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	331962	74.699	ng	0.00
7) Phenol-d6	6.504	99	389682	74.324	ng	0.00
23) Nitrobenzene-d5	7.440	82	242594	48.747	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	93619	66.965	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	498274	48.182	ng	-0.01
79) Terphenyl-d14	12.992	244	379744	32.476	ng	0.00
Target Compounds						
75) Fluoranthene	12.622	202	21526	2.124	ng	99
88) Benzo(b)fluoranthene	15.110	252	18542m	2.054	ng	

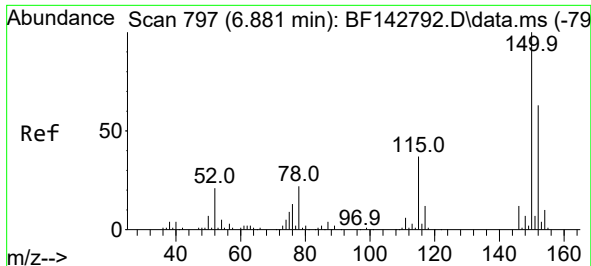
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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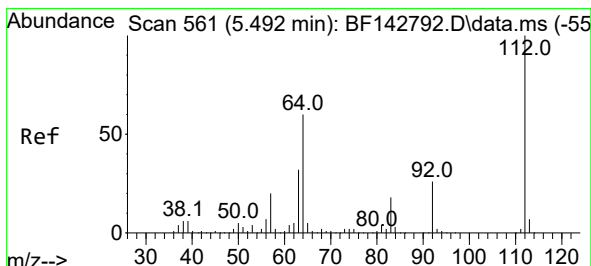
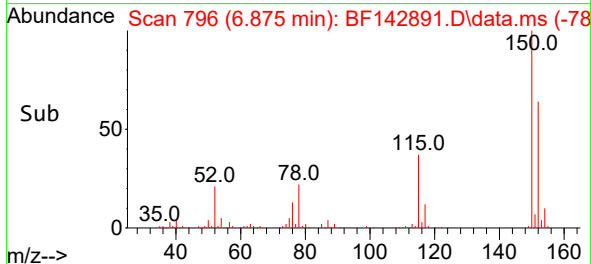
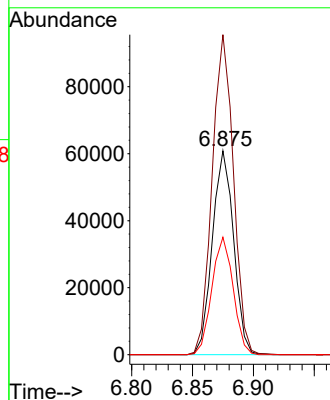
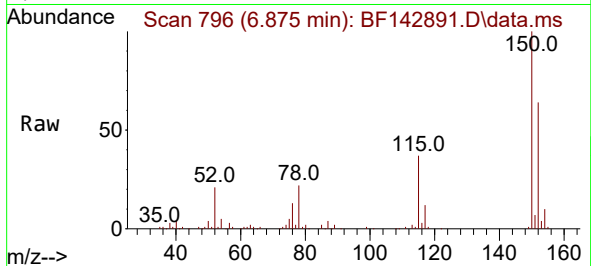




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

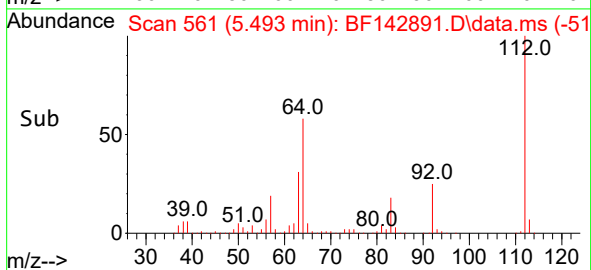
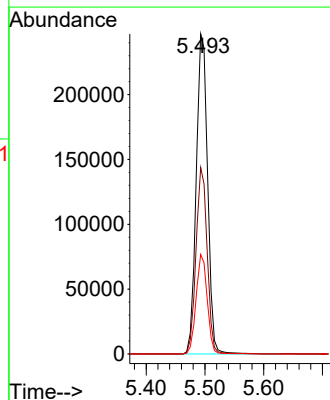
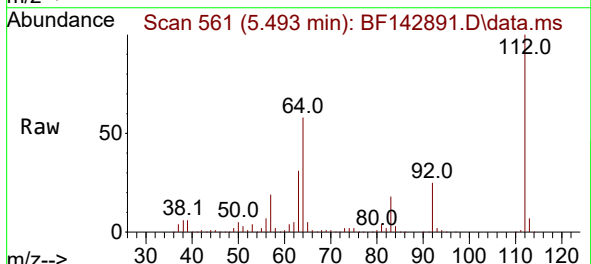
Instrument :
BNA_F
ClientSampleId :
TP-74

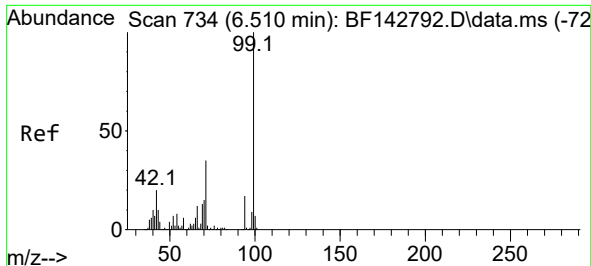
Tgt Ion:152 Resp: 73989
Ion Ratio Lower Upper
152 100
150 157.0 127.2 190.8
115 57.6 46.6 69.8



#5
2-Fluorophenol
Concen: 74.699 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

Tgt Ion:112 Resp: 331962
Ion Ratio Lower Upper
112 100
64 58.3 48.2 72.2
63 31.1 25.7 38.5

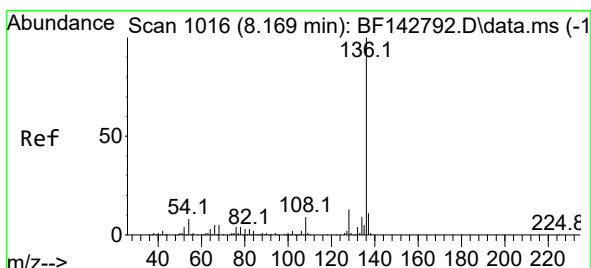
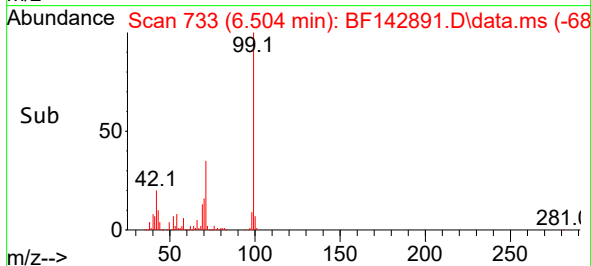
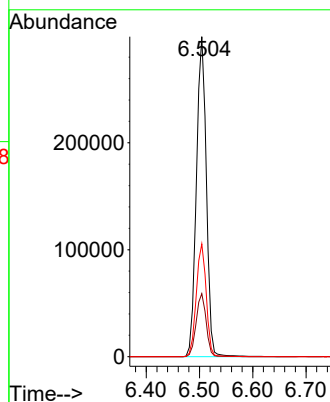
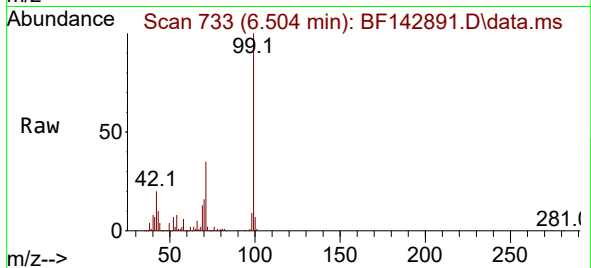




#7
Phenol-d6
Concen: 74.324 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

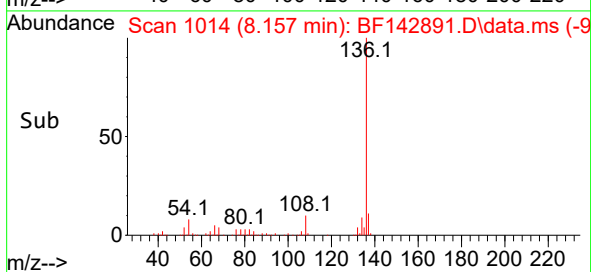
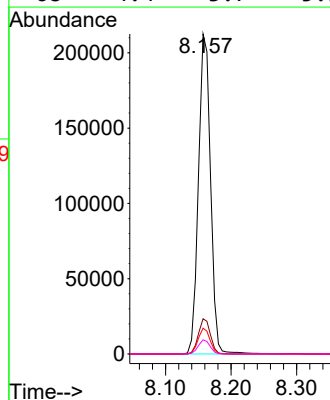
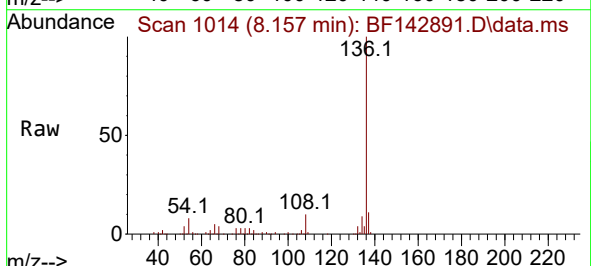
Instrument :
BNA_F
ClientSampleId :
TP-74

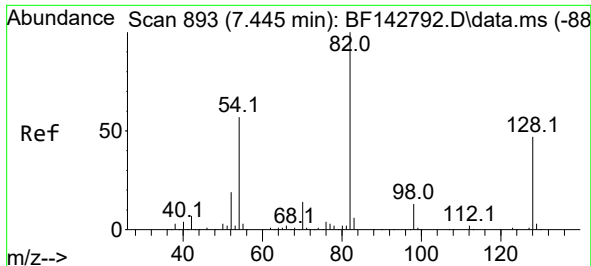
Tgt Ion: 99 Resp: 389682
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

Tgt Ion: 136 Resp: 272969
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 48.747 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142891.D

Acq: 27 Jun 2025 14:17

Instrument :

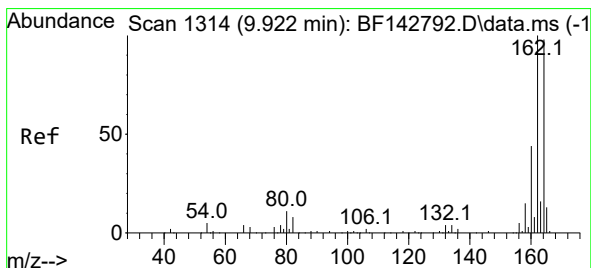
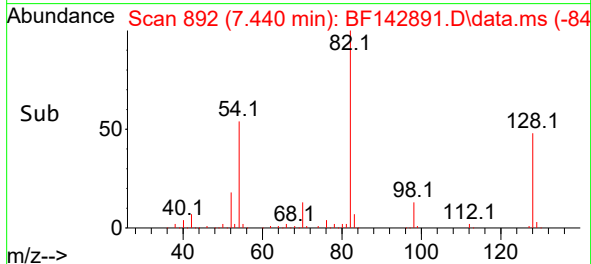
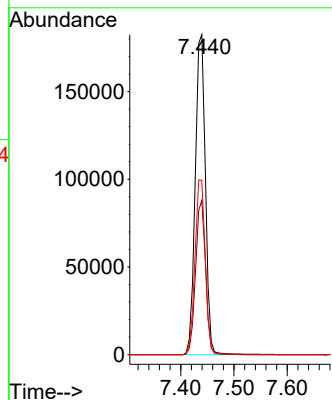
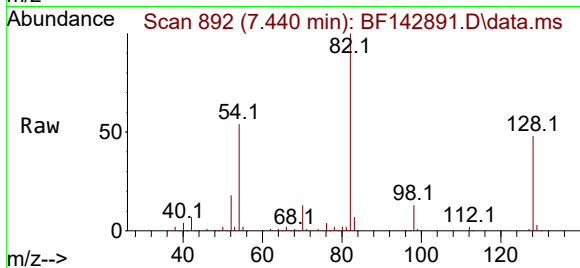
BNA_F

ClientSampleId :

TP-74

Tgt Ion: 82 Resp: 242594

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	54.5	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

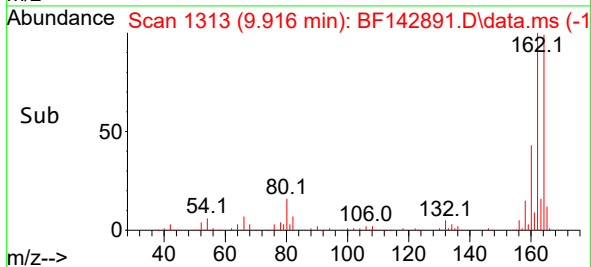
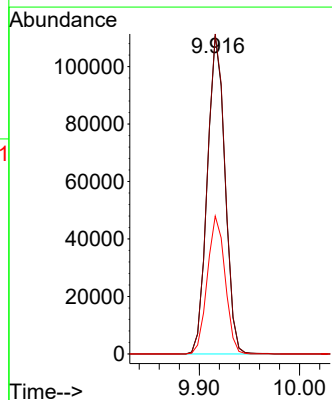
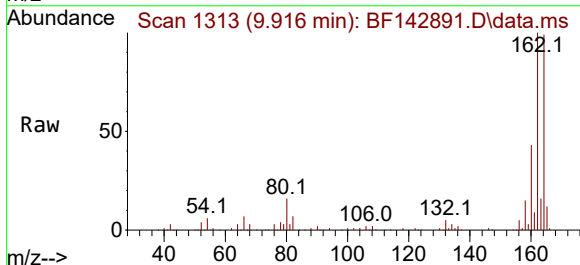
Delta R.T. -0.006 min

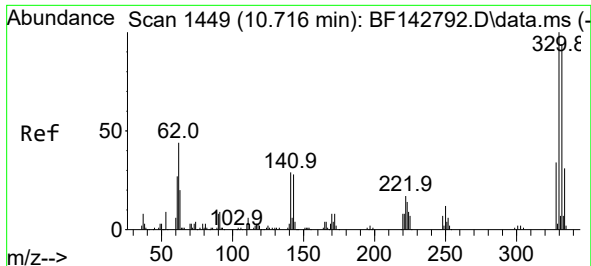
Lab File: BF142891.D

Acq: 27 Jun 2025 14:17

Tgt Ion:164 Resp: 135853

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.8
160	43.3	36.0	54.0

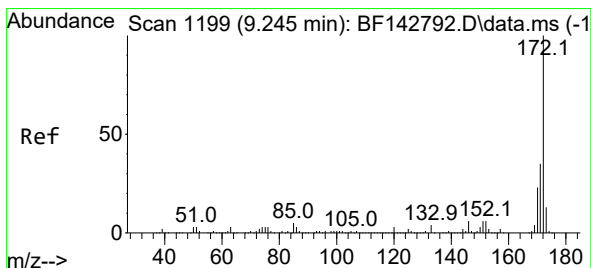
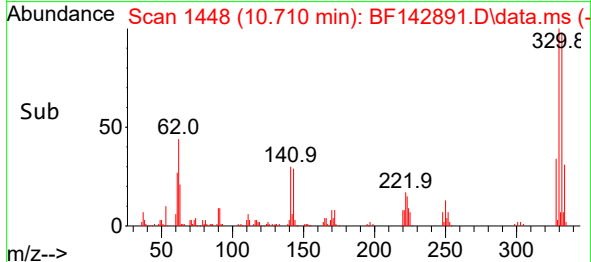
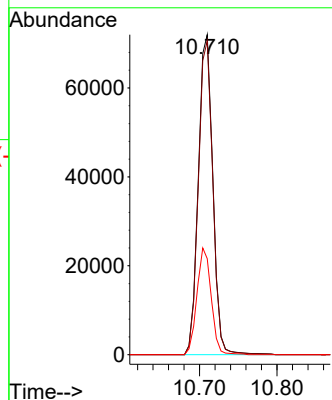
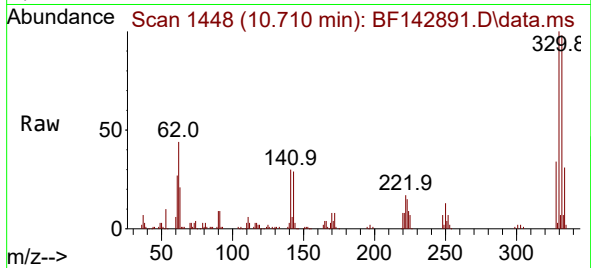




#42
2,4,6-Tribromophenol
Concen: 66.965 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

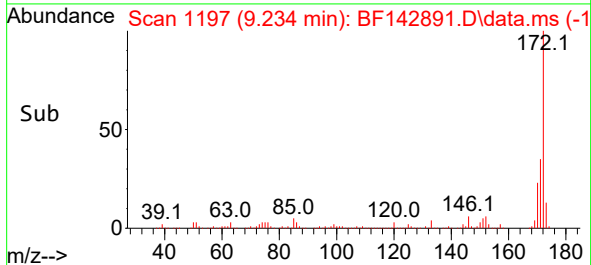
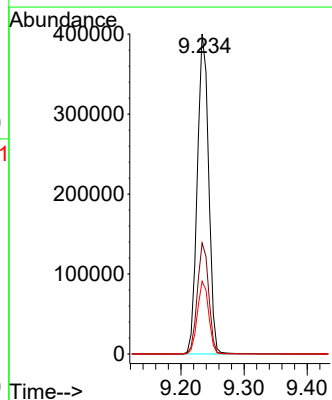
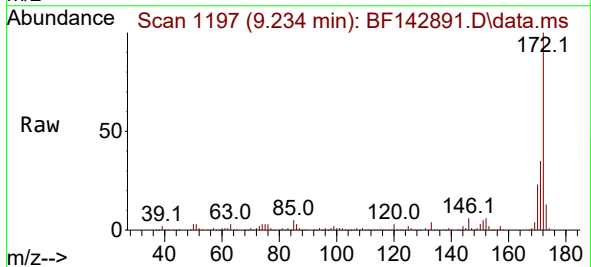
Instrument :
BNA_F
ClientSampleId :
TP-74

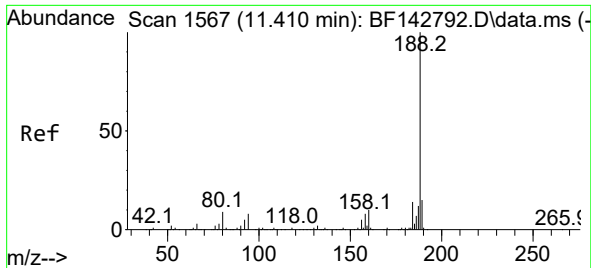
Tgt Ion:330 Resp: 93619
Ion Ratio Lower Upper
330 100
332 97.5 75.0 112.6
141 32.8 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 48.182 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

Tgt Ion:172 Resp: 498274
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.7 18.5 27.7

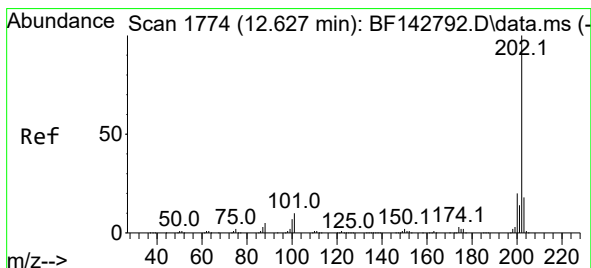
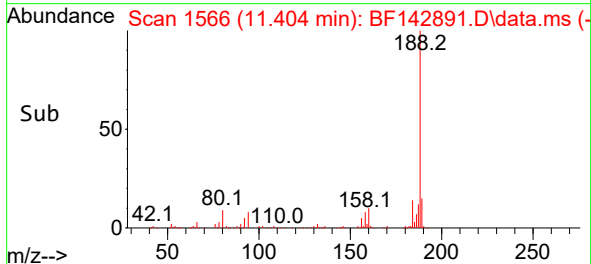
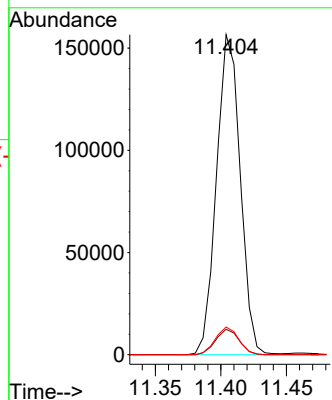
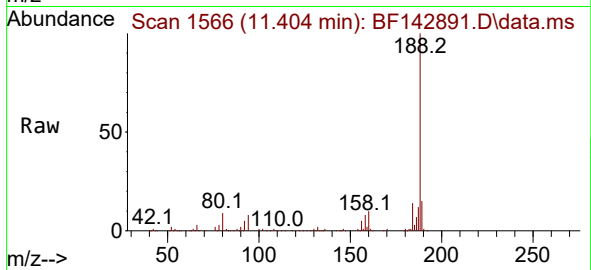




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

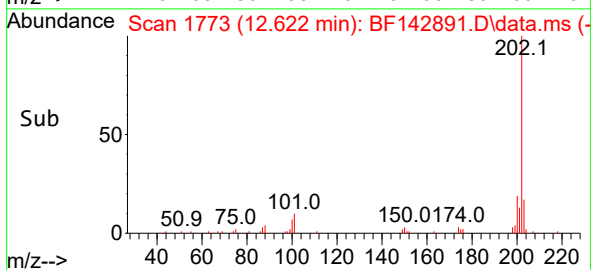
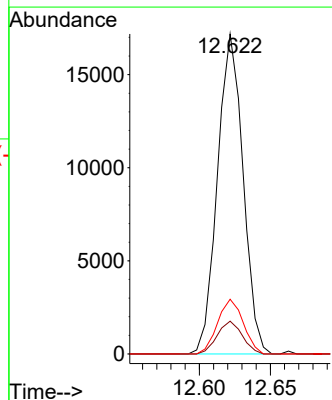
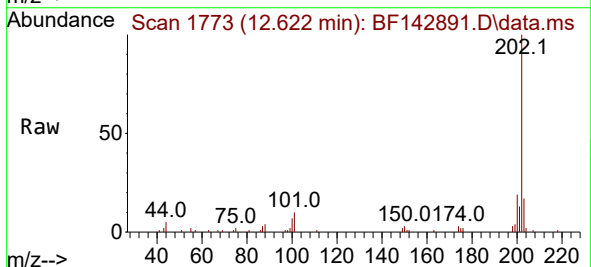
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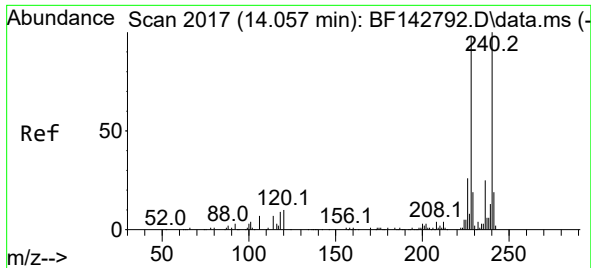
Tgt Ion:188 Resp: 197144
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.7 6.9 10.3



#75
Fluoranthene
Concen: 2.124 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

Tgt Ion:202 Resp: 21526
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.7
203 17.1 0.0 37.5

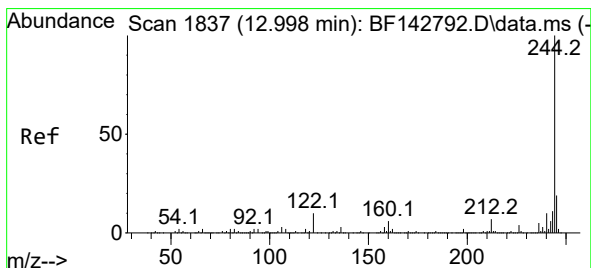
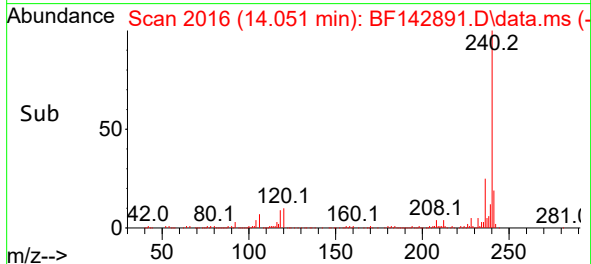
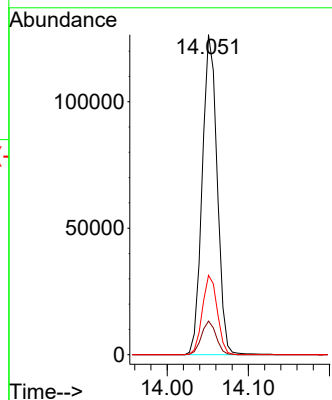
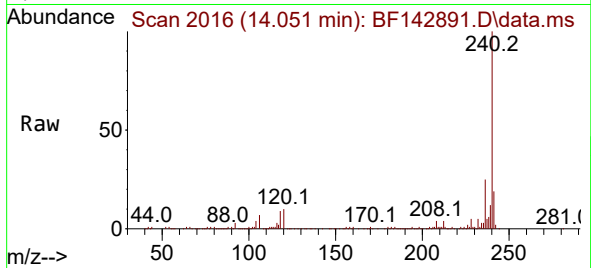




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

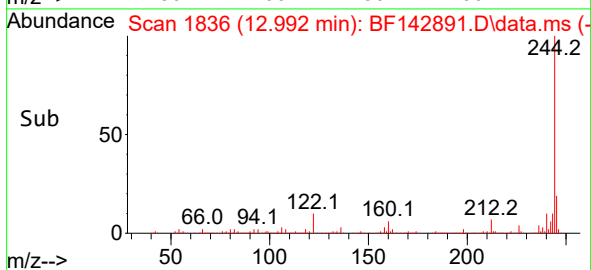
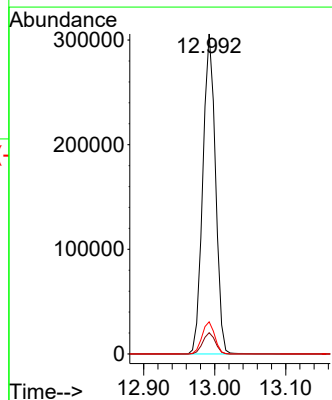
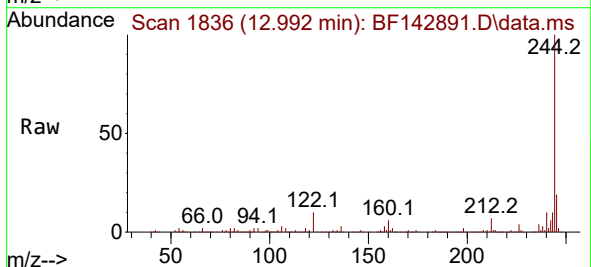
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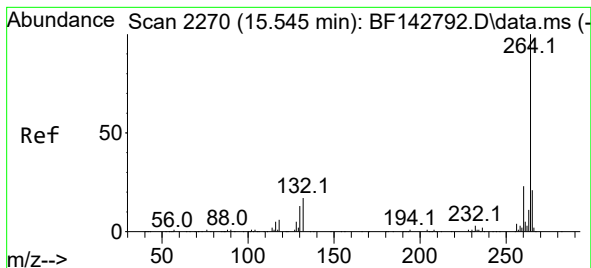
Tgt Ion:240 Resp: 161564
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 24.8 19.8 29.8



#79
Terphenyl-d14
Concen: 32.476 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF142891.D
Acq: 27 Jun 2025 14:17

Tgt Ion:244 Resp: 379744
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.0 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142891.D

Acq: 27 Jun 2025 14:17

Instrument :

BNA_F

ClientSampleId :

TP-74

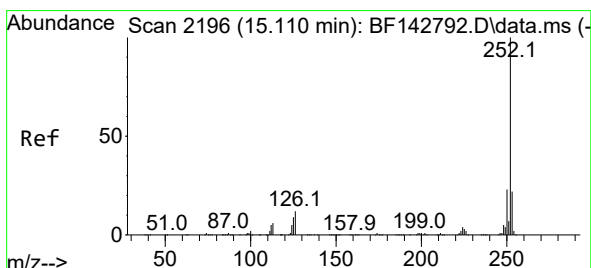
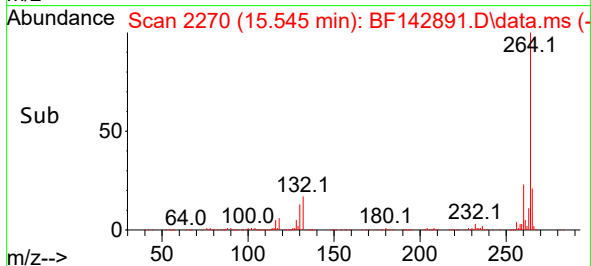
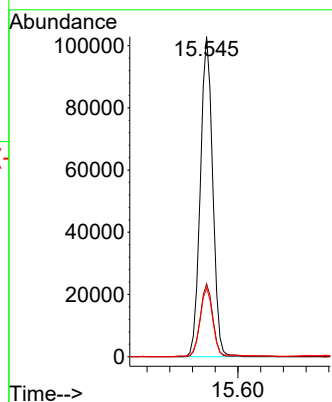
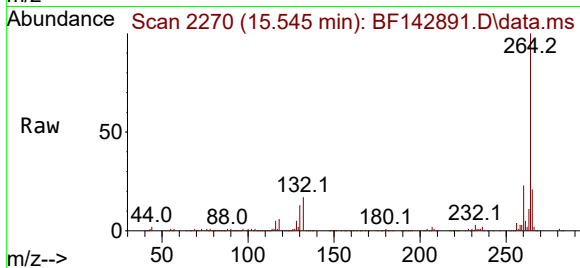
Tgt Ion:264 Resp: 156020

Ion Ratio Lower Upper

264 100

260 22.7 18.1 27.1

265 21.5 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 2.054 ng m

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142891.D

Acq: 27 Jun 2025 14:17

Tgt Ion:252 Resp: 18542

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.0 7.4 11.0#

