

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142928.D
 Acq On : 30 Jun 2025 21:45
 Operator : RC/JU
 Sample : Q2436-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-87

Quant Time: Jul 01 01:25:22 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	6.869	152	67163	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	247558	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	123575	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	193646	20.000	ng	0.00
76) Chrysene-d12	14.045	240	120667	20.000	ng	-0.01
86) Perylene-d12	15.539	264	147185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	332312	82.378	ng	0.00
7) Phenol-d6	6.498	99	388993	81.733	ng	-0.01
23) Nitrobenzene-d5	7.434	82	239121	52.981	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	100019	78.652	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	489411	52.027	ng	-0.01
79) Terphenyl-d14	12.986	244	373852	42.808	ng	-0.01

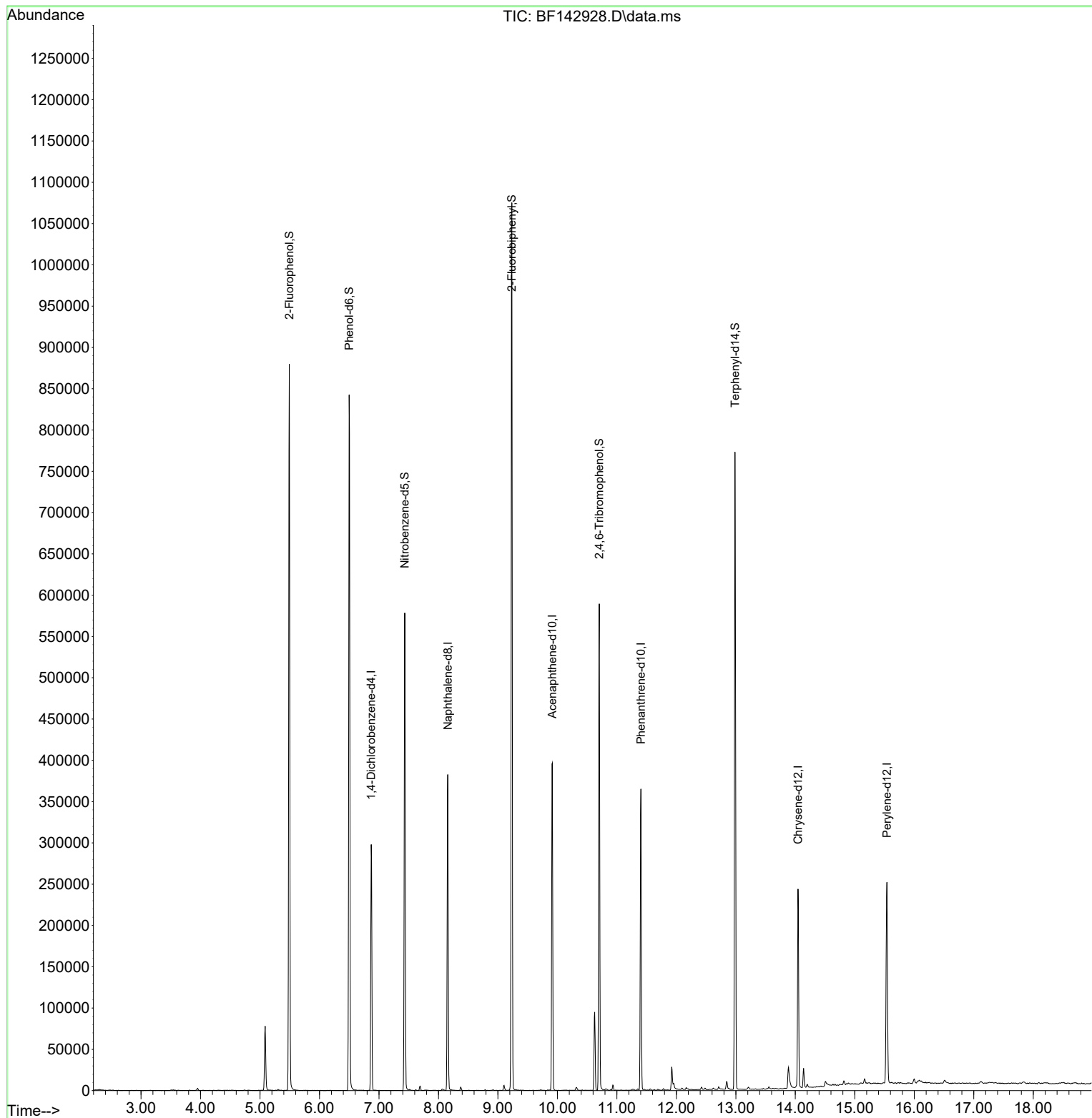
Target Compounds	Qvalue

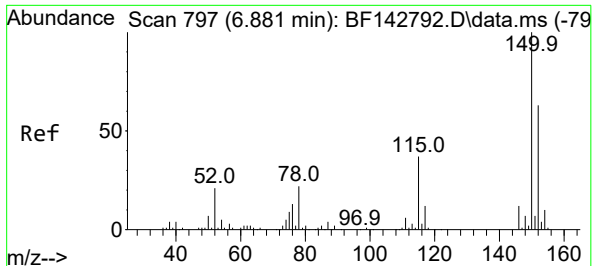
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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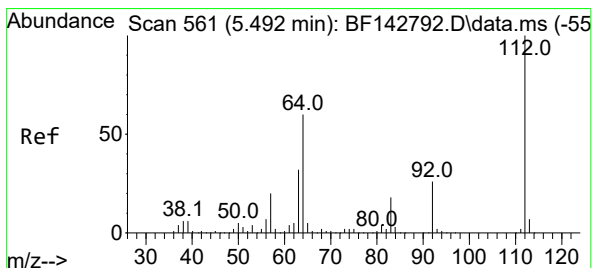
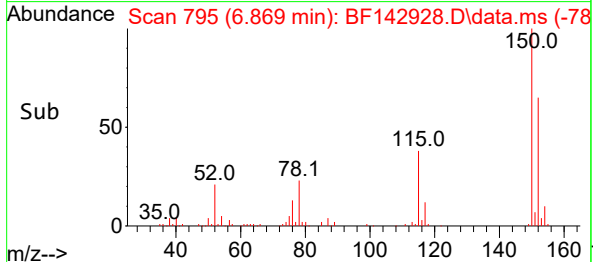
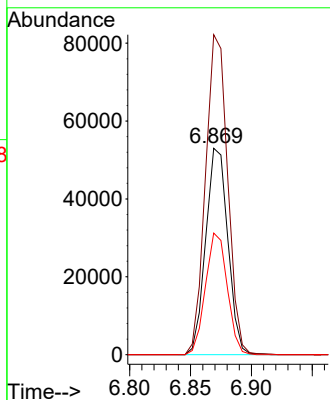
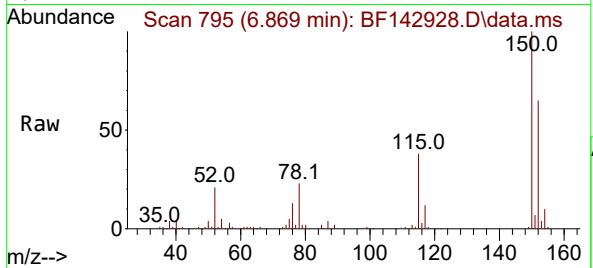




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

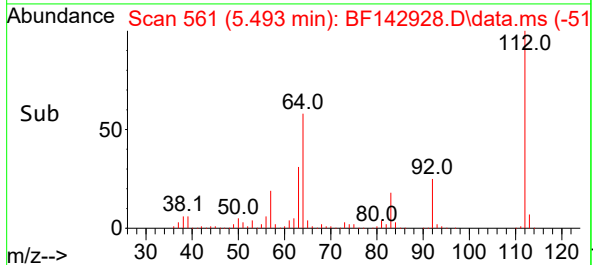
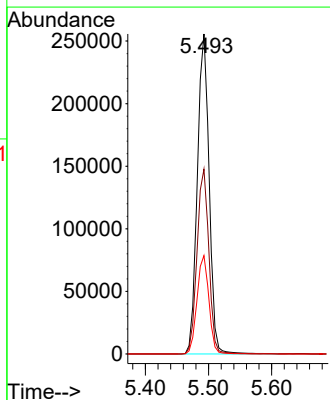
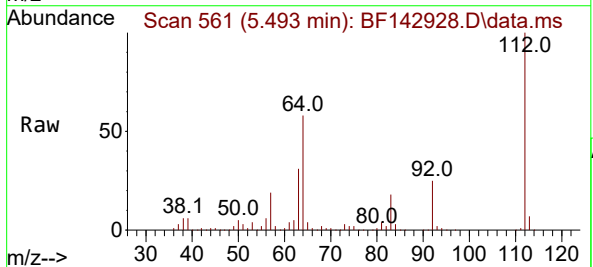
Instrument :
BNA_F
ClientSampleId :
TP-87

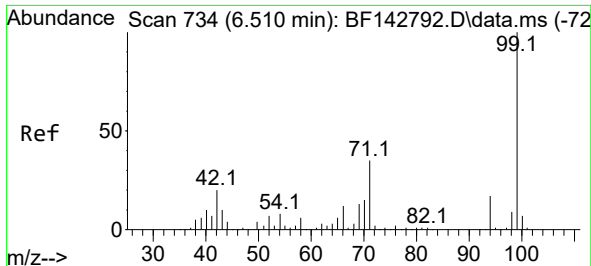
Tgt Ion:152 Resp: 67163
Ion Ratio Lower Upper
152 100
150 155.0 127.2 190.8
115 58.9 46.6 69.8



#5
2-Fluorophenol
Concen: 82.378 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

Tgt Ion:112 Resp: 332312
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.2
63 30.8 25.7 38.5

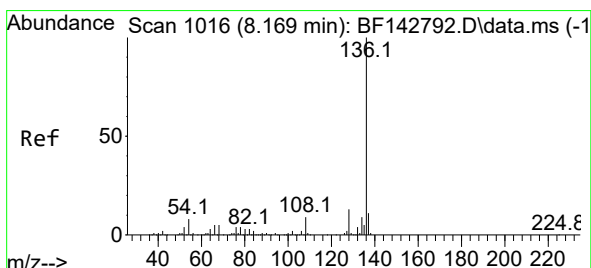
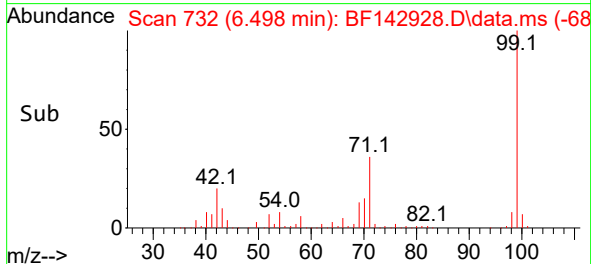
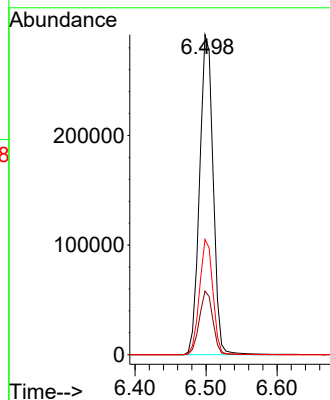
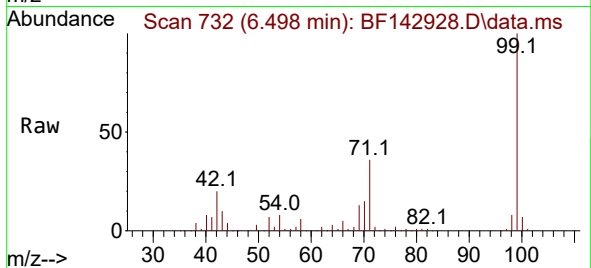




#7
Phenol-d6
Concen: 81.733 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

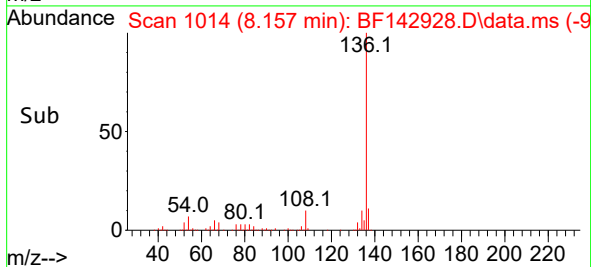
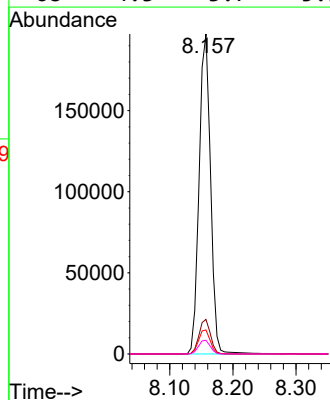
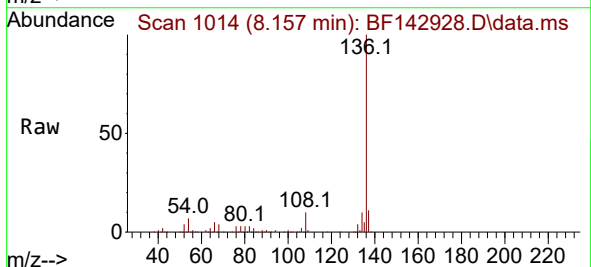
Instrument :
BNA_F
ClientSampleId :
TP-87

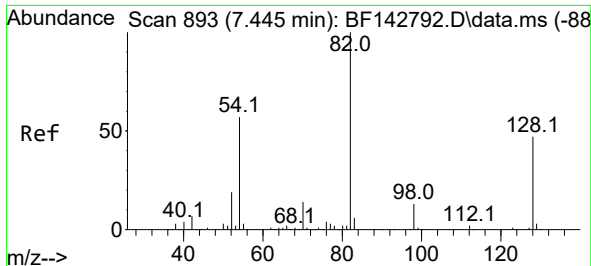
Tgt Ion: 99 Resp: 388993
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 36.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

Tgt Ion: 136 Resp: 247558
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.5 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 52.981 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142928.D

Acq: 30 Jun 2025 21:45

Instrument :

BNA_F

ClientSampleId :

TP-87

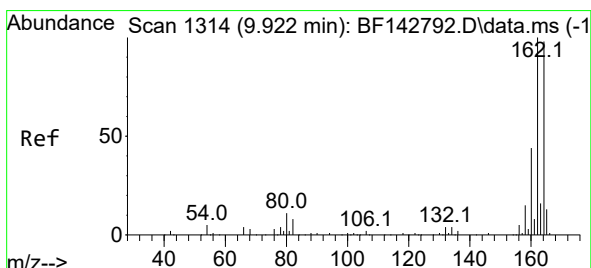
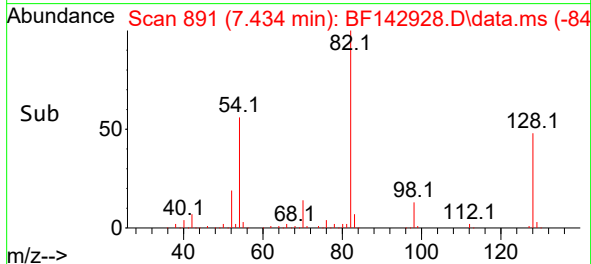
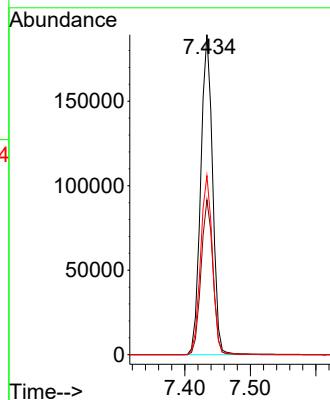
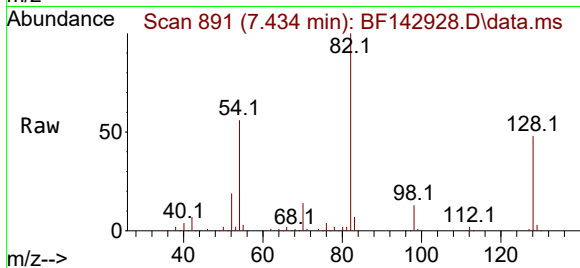
Tgt Ion: 82 Resp: 239121

Ion Ratio Lower Upper

82 100

128 48.4 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: BF142928.D

Acq: 30 Jun 2025 21:45

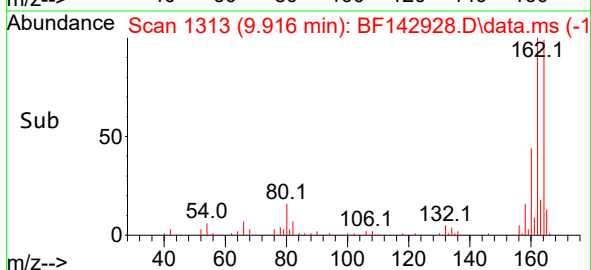
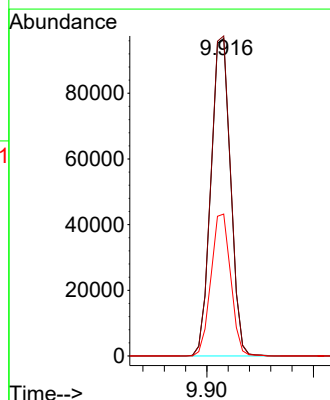
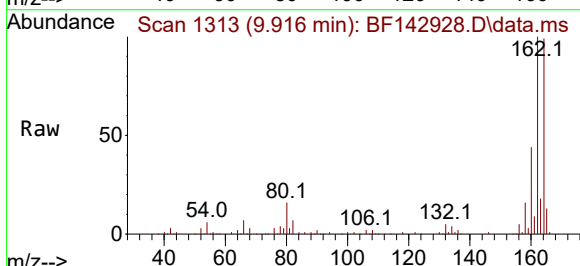
Tgt Ion:164 Resp: 123575

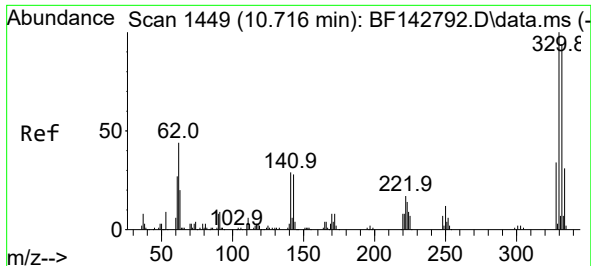
Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.8

160 44.7 36.0 54.0

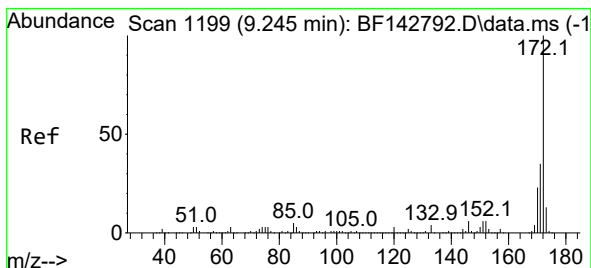
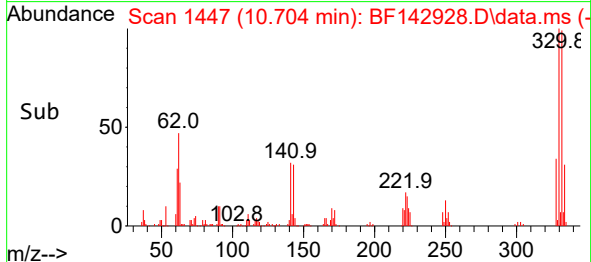
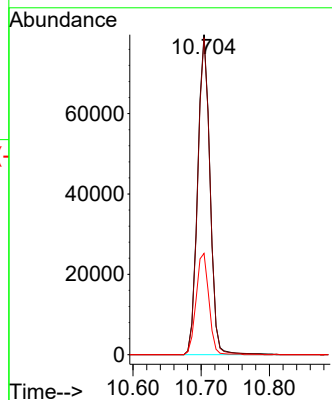
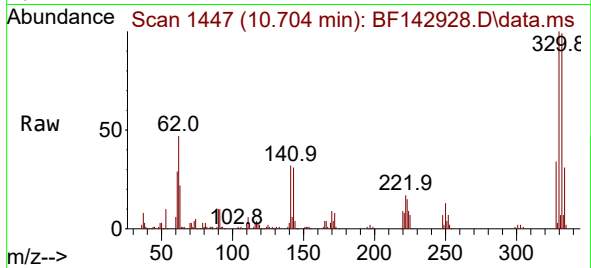




#42
2,4,6-Tribromophenol
Concen: 78.652 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

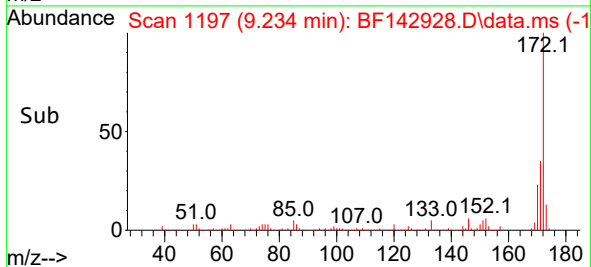
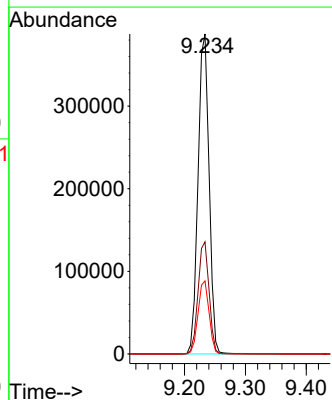
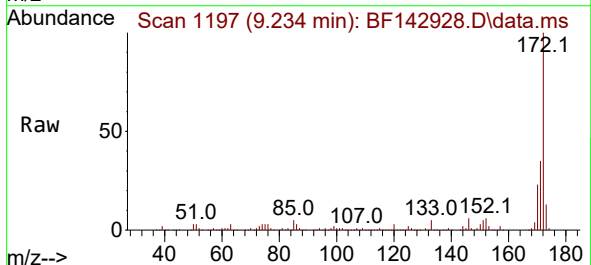
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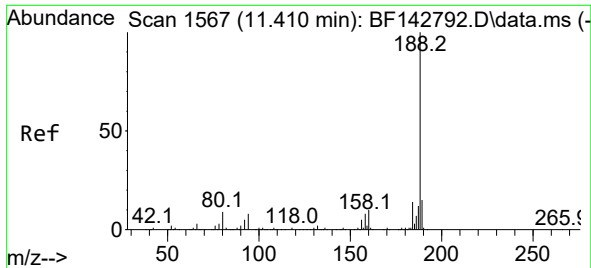
Tgt Ion:330 Resp: 100019
Ion Ratio Lower Upper
330 100
332 98.4 75.0 112.6
141 32.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 52.027 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

Tgt Ion:172 Resp: 489411
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.9 18.5 27.7

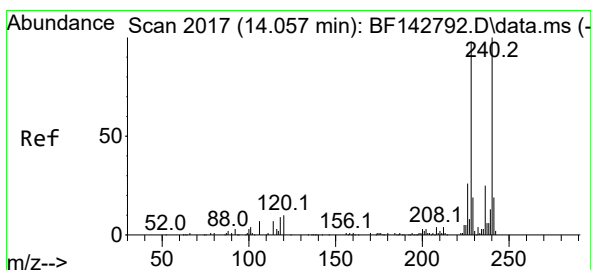
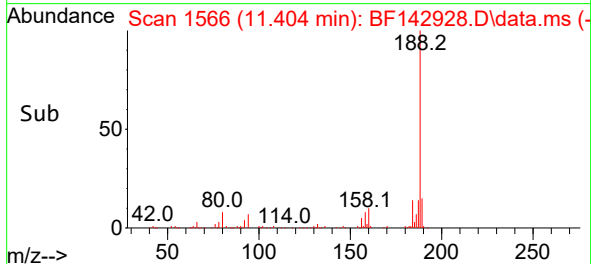
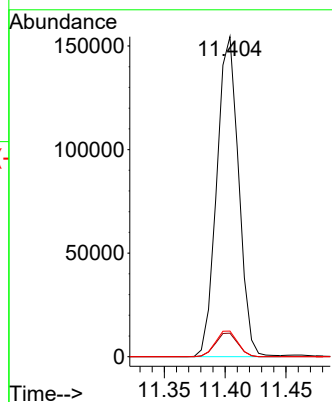
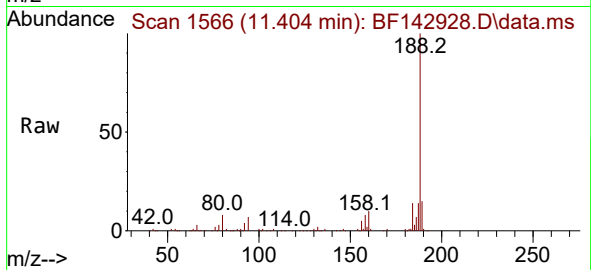




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

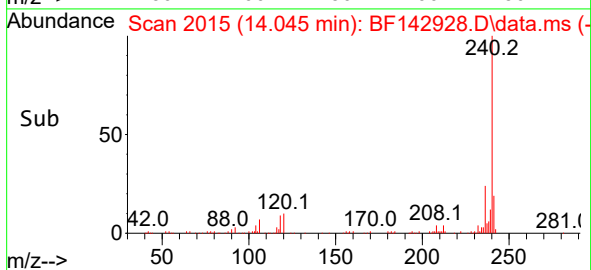
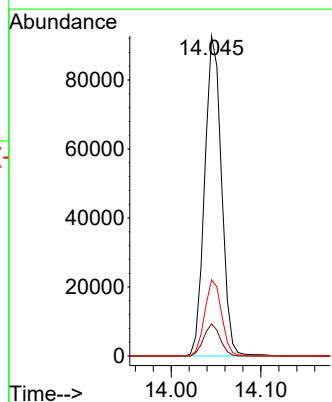
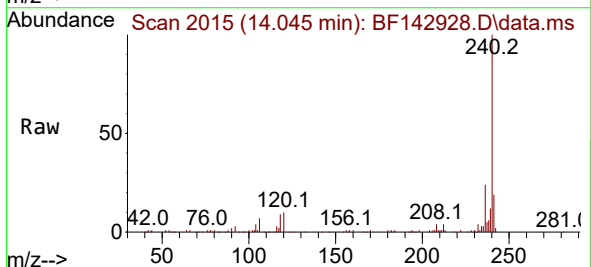
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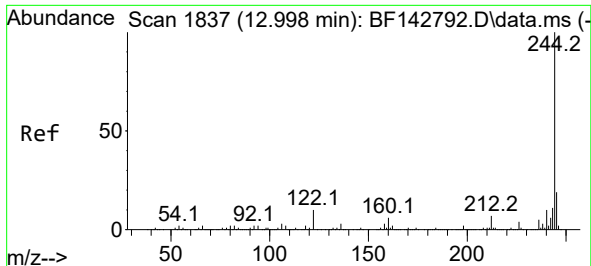
Tgt Ion:188 Resp: 193646
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142928.D
Acq: 30 Jun 2025 21:45

Tgt Ion:240 Resp: 120667
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 23.8 19.8 29.8

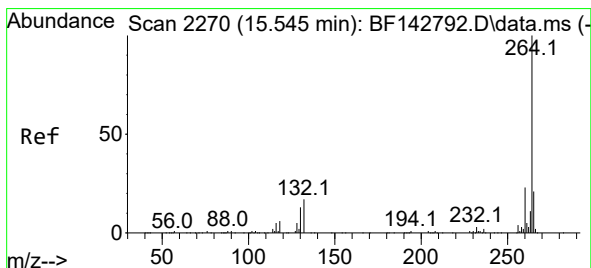
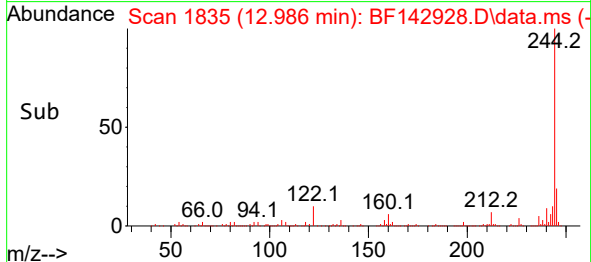
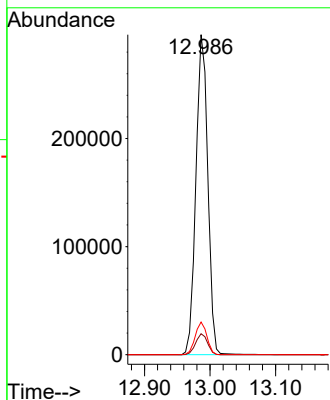
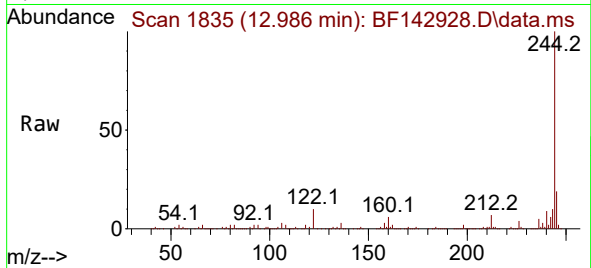




#79
 Terphenyl-d14
 Concen: 42.808 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF142928.D
 Acq: 30 Jun 2025 21:45

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 373852
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 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: BF142928.D
 Acq: 30 Jun 2025 21:45

Tgt Ion:264 Resp: 147185
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.2 16.6 25.0

