

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142965.D
 Acq On : 02 Jul 2025 12:11
 Operator : RC/JU
 Sample : PB168652TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168652TB

Quant Time: Jul 02 14:02:20 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	63434	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	247498	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	132428	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	228278	20.000	ng	0.00
76) Chrysene-d12	14.051	240	133105	20.000	ng	0.00
86) Perylene-d12	15.539	264	131541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	468129	122.868	ng	0.00
7) Phenol-d6	6.504	99	550691	122.510	ng	0.00
23) Nitrobenzene-d5	7.434	82	345393	76.546	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	170142	124.850	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	770464	76.429	ng	-0.01
79) Terphenyl-d14	12.992	244	751452	78.005	ng	0.00

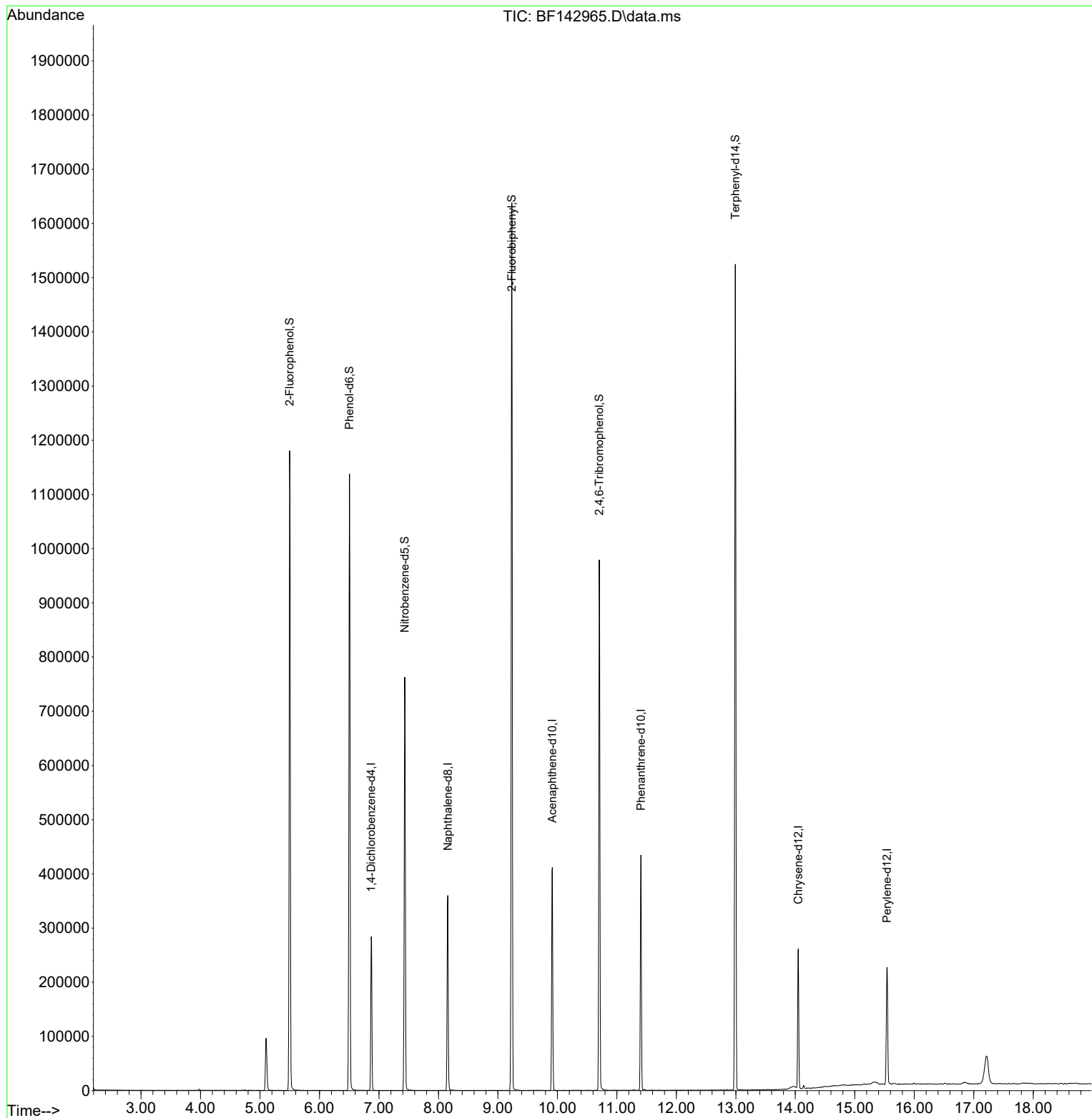
Target Compounds	Qvalue

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

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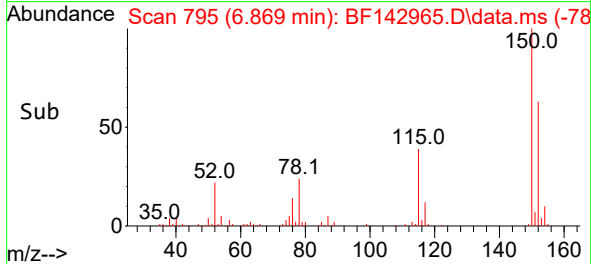
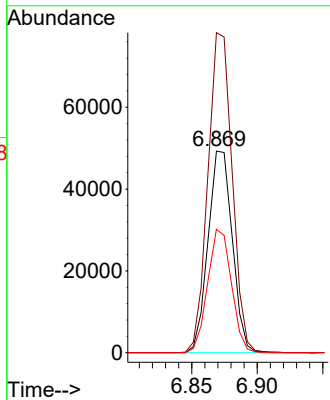
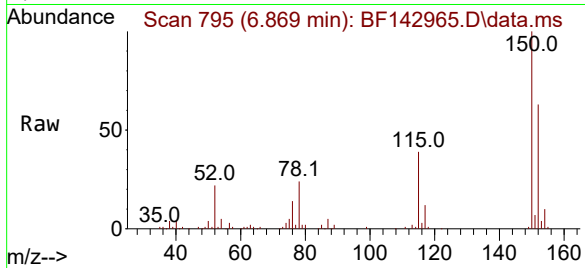




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 797
 Delta R.T. -0.012 min
 Lab File: BF142965.D
 Acq: 02 Jul 2025 12:11

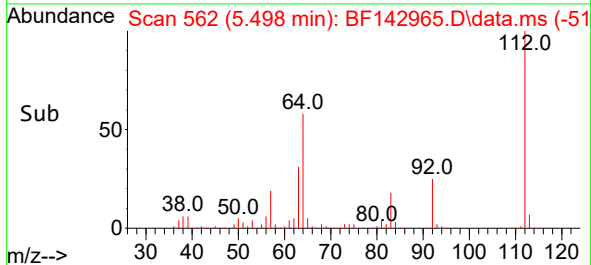
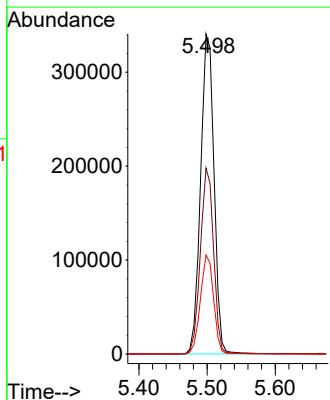
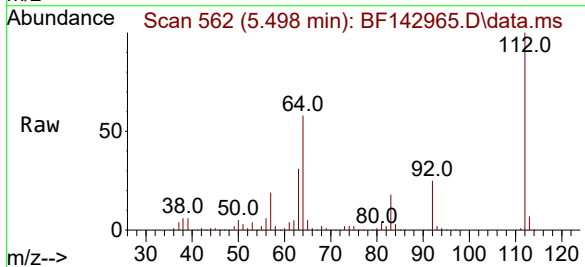
Instrument :
 BNA_F
 ClientSampleId :
 PB168652TB

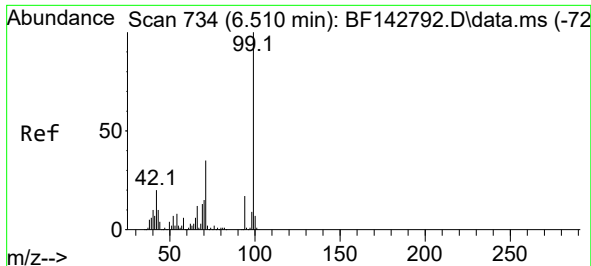
Tgt Ion:152 Resp: 63434
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.2 190.8
 115 61.2 46.6 69.8



#5
 2-Fluorophenol
 Concen: 122.868 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF142965.D
 Acq: 02 Jul 2025 12:11

Tgt Ion:112 Resp: 468129
 Ion Ratio Lower Upper
 112 100
 64 58.0 48.2 72.2
 63 30.9 25.7 38.5

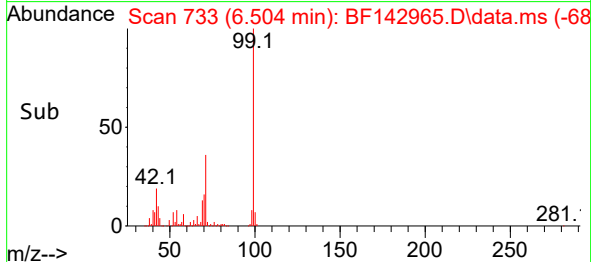
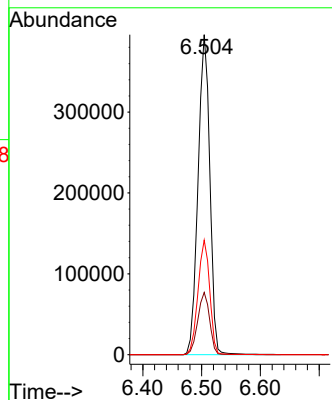
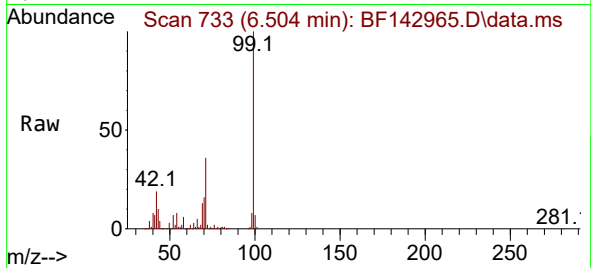




#7
Phenol-d6
Concen: 122.510 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142965.D
Acq: 02 Jul 2025 12:11

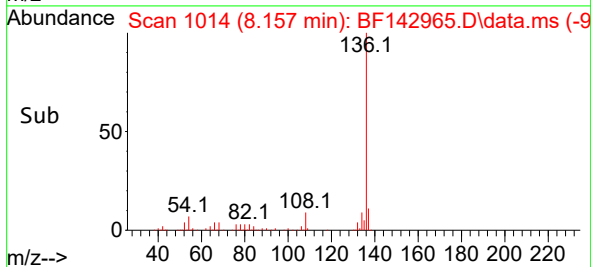
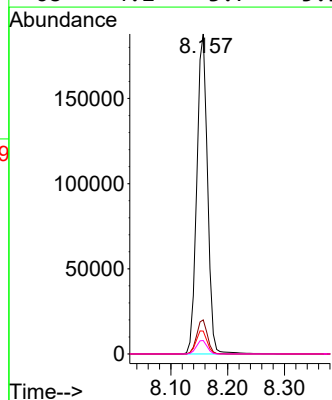
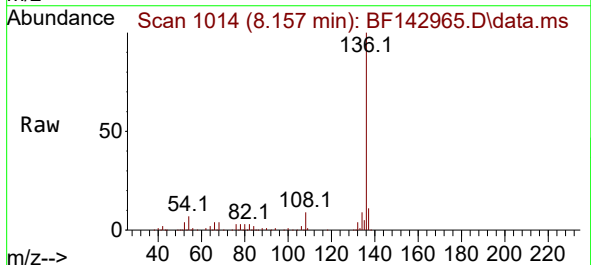
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BNA_F
ClientSampleId :
PB168652TB

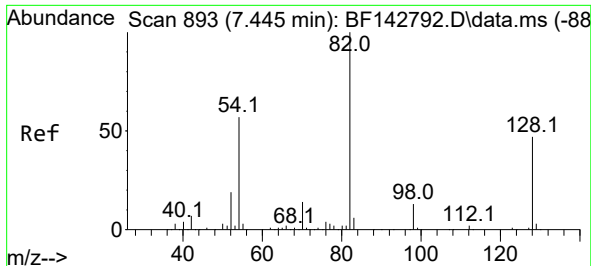
Tgt Ion: 99 Resp: 550691
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142965.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 136 Resp: 247498
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 6.3 9.5
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 76.546 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142965.D

Acq: 02 Jul 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168652TB

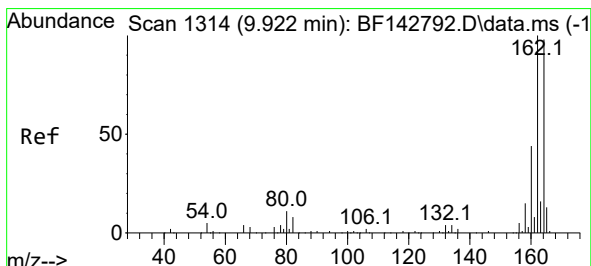
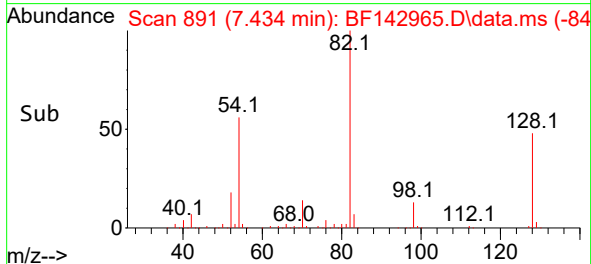
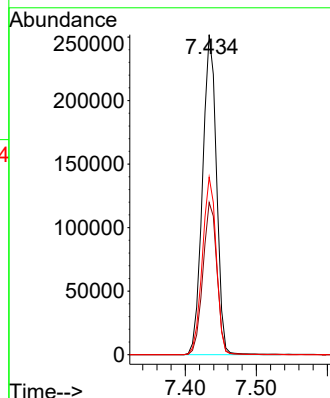
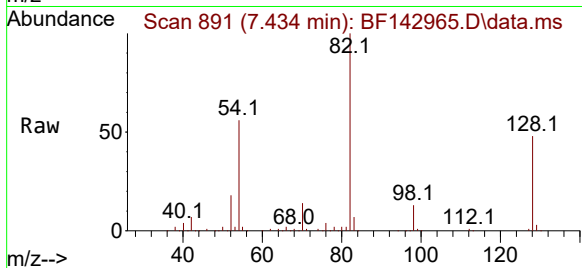
Tgt Ion: 82 Resp: 345393

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 55.5 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: BF142965.D

Acq: 02 Jul 2025 12:11

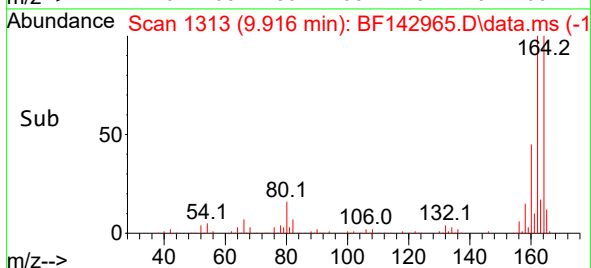
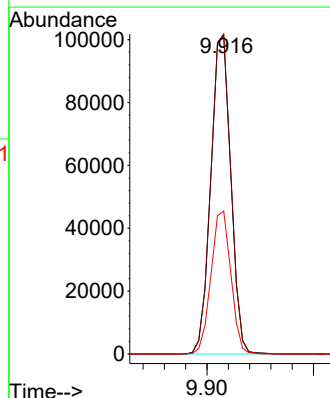
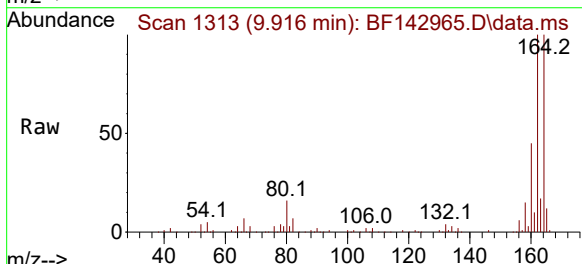
Tgt Ion:164 Resp: 132428

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.8

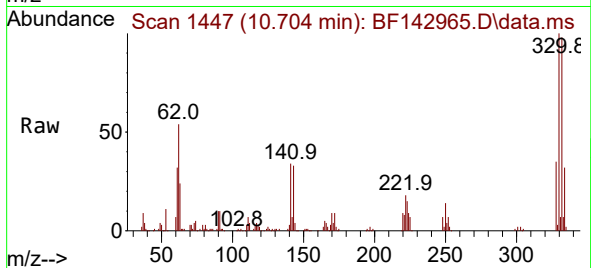
160 44.8 36.0 54.0



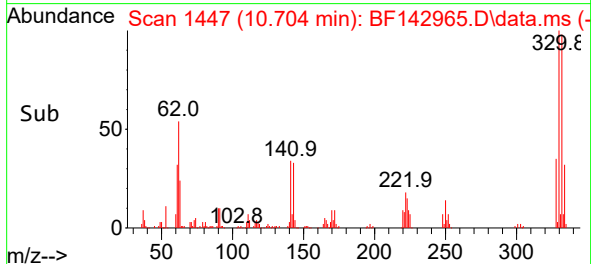
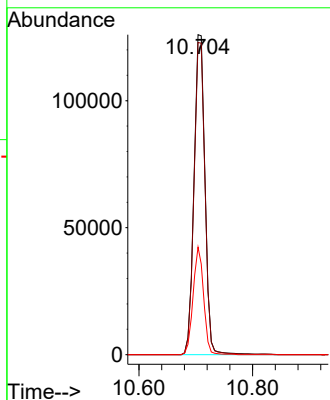


#42
2,4,6-Tribromophenol
Concen: 124.850 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142965.D
Acq: 02 Jul 2025 12:11

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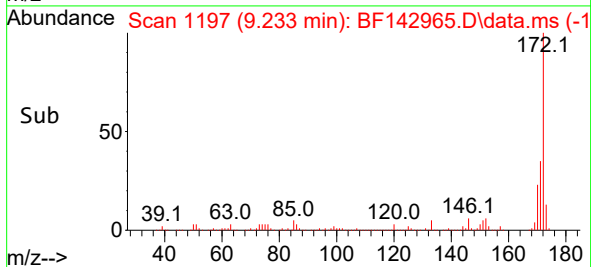
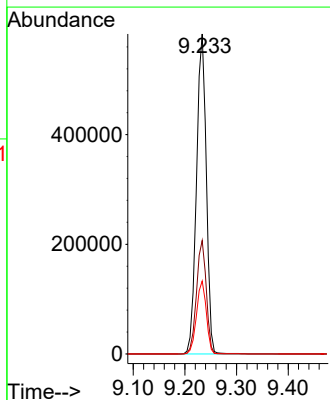
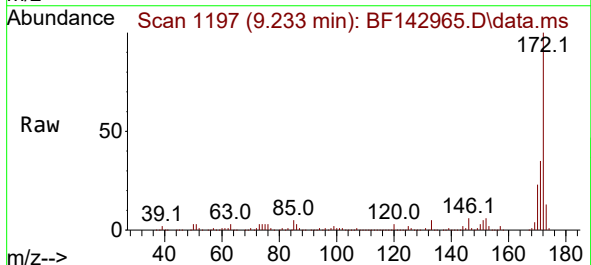


Tgt Ion:330 Resp: 170142
Ion Ratio Lower Upper
330 100
332 97.3 75.0 112.6
141 32.2 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 76.429 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142965.D
Acq: 02 Jul 2025 12:11

Tgt Ion:172 Resp: 770464
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 22.8 18.5 27.7

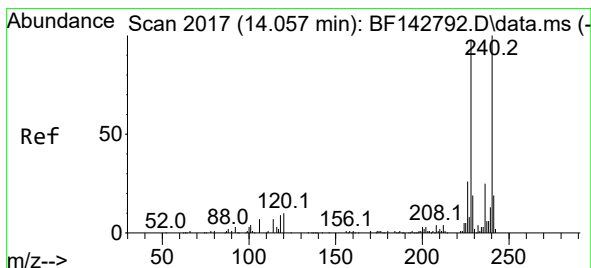
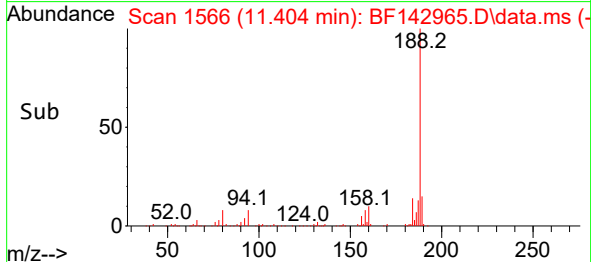
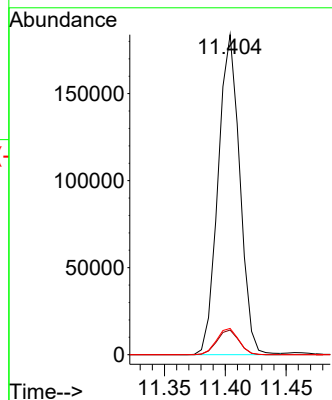
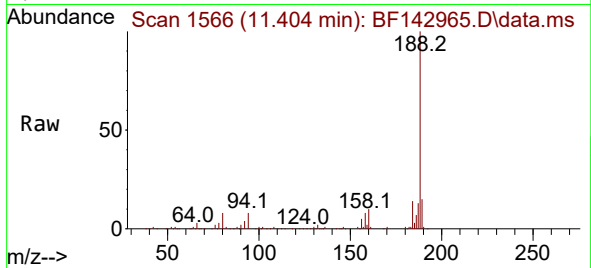




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142965.D
Acq: 02 Jul 2025 12:11

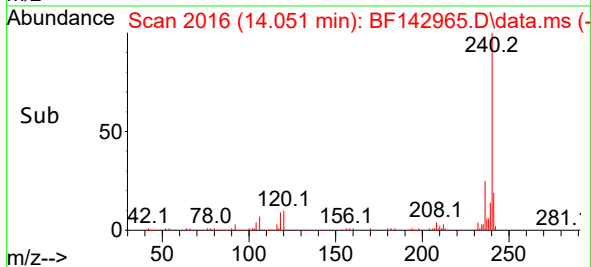
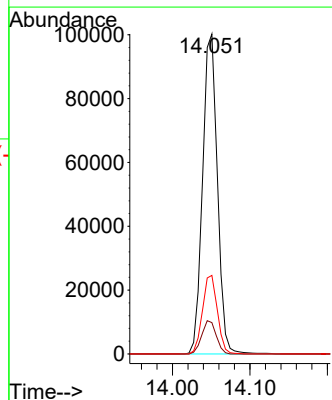
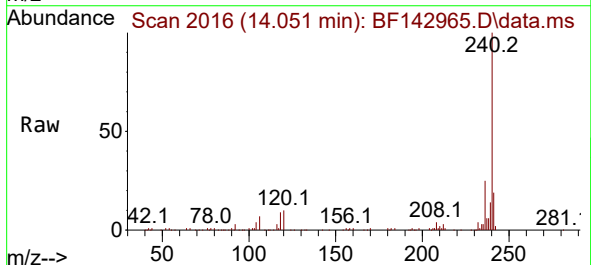
Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 228278
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142965.D
Acq: 02 Jul 2025 12:11

Tgt Ion:240 Resp: 133105
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.6 19.8 29.8

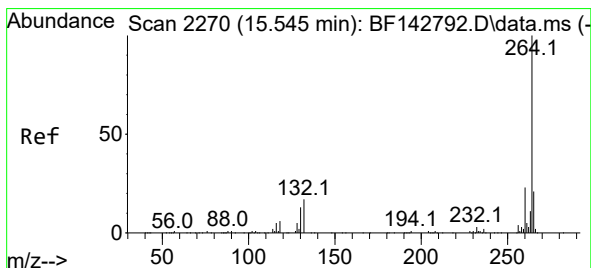
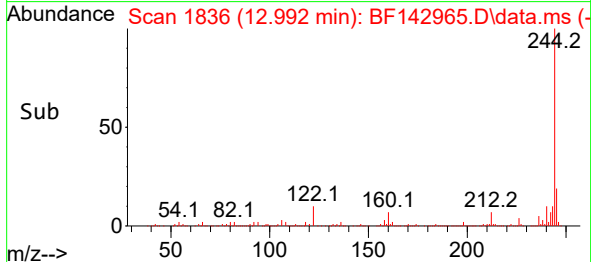
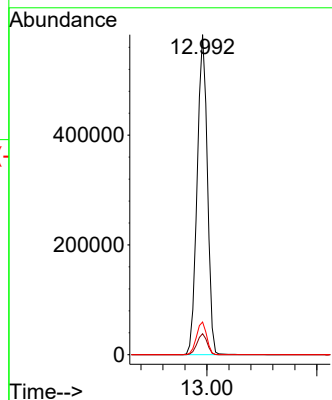
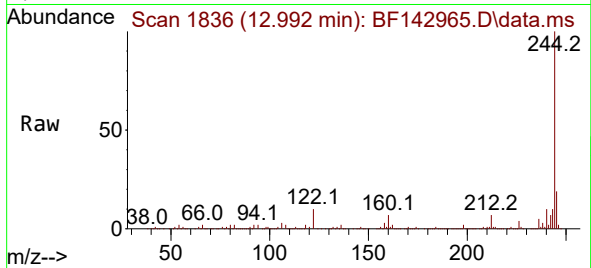




#79
 Terphenyl-d14
 Concen: 78.005 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142965.D
 Acq: 02 Jul 2025 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB168652TB

Tgt Ion:244 Resp: 751452
 Ion Ratio Lower Upper
 244 100
 212 6.5 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: BF142965.D
 Acq: 02 Jul 2025 12:11

Tgt Ion:264 Resp: 131541
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.1 27.1
 265 21.6 16.6 25.0

