

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142957.D
 Acq On : 01 Jul 2025 19:02
 Operator : RC/JU
 Sample : Q2447-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jul 02 01:03:25 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	61496	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	224744	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	99402	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	146916	20.000	ng	# 0.04
76) Chrysene-d12	14.080	240	152704	20.000	ng	# 0.02
86) Perylene-d12	15.557	264	132220	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	26470	7.166	ng	0.00
7) Phenol-d6	6.504	99	31686	7.271	ng	0.00
23) Nitrobenzene-d5	7.434	82	17888	4.366	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	9172	8.967	ng	0.02
45) 2-Fluorobiphenyl	9.234	172	48161	6.365	ng	-0.01
79) Terphenyl-d14	13.033	244	48048	4.347	ng	0.04

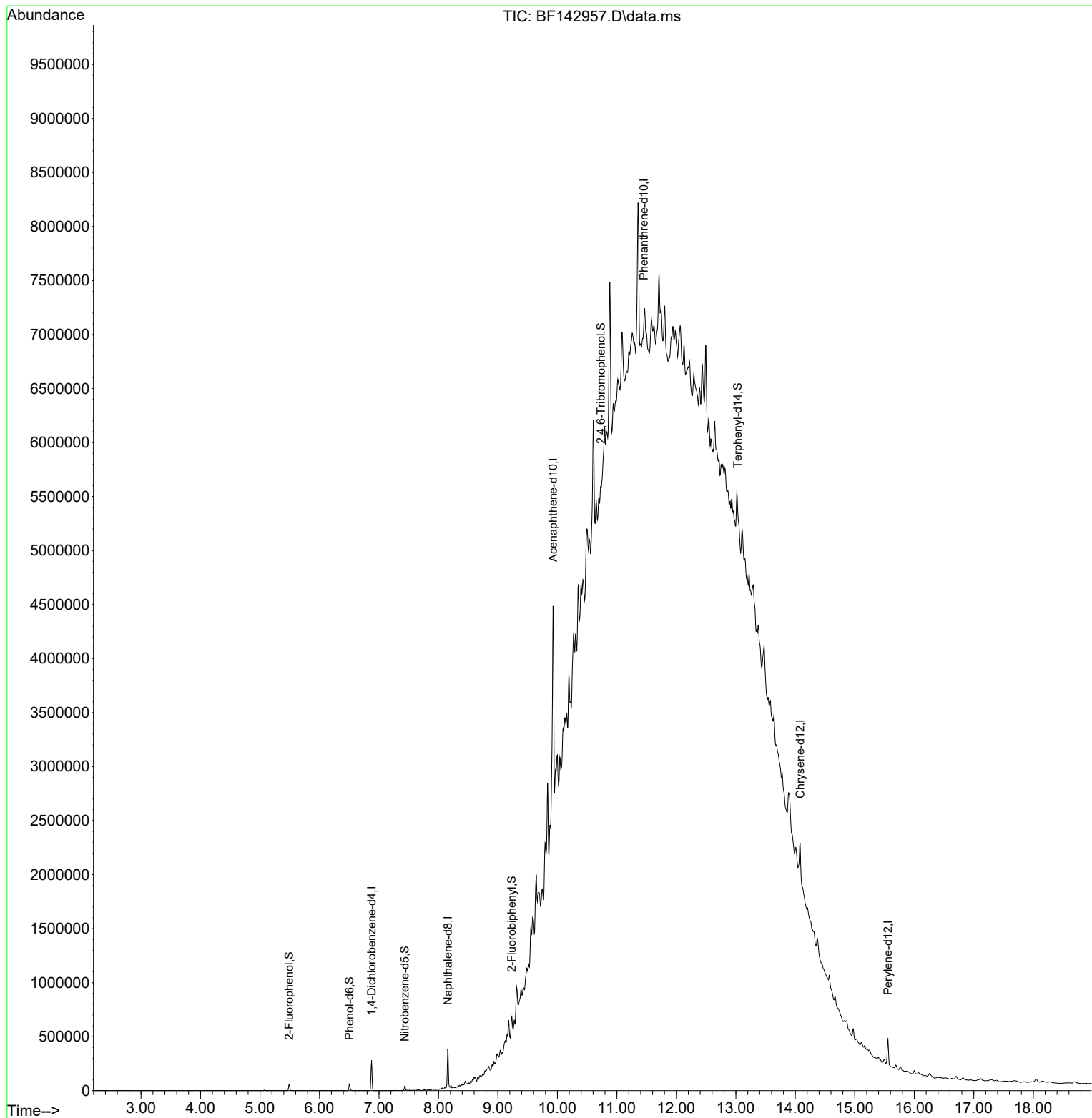
Target Compounds	Qvalue

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

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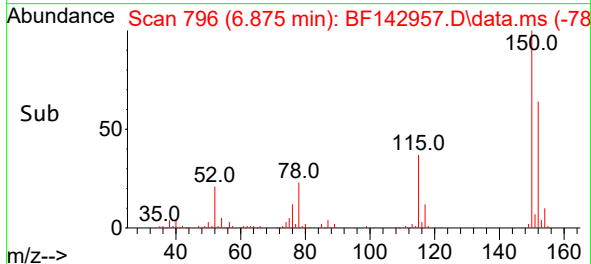
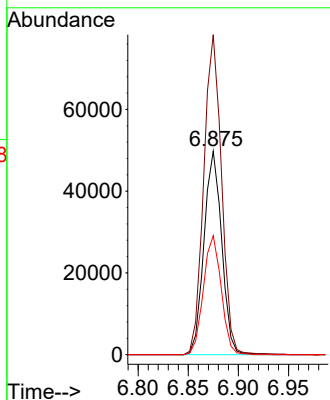
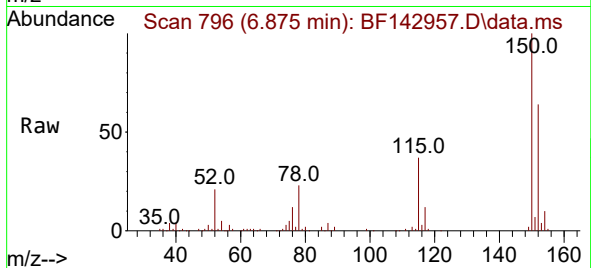




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142957.D
Acq: 01 Jul 2025 19:02

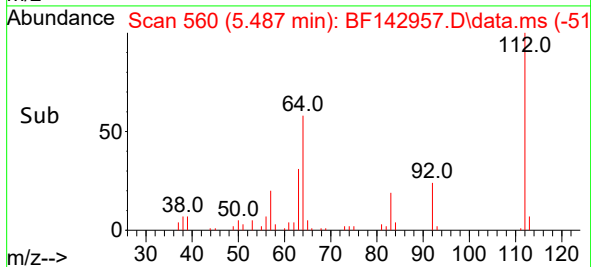
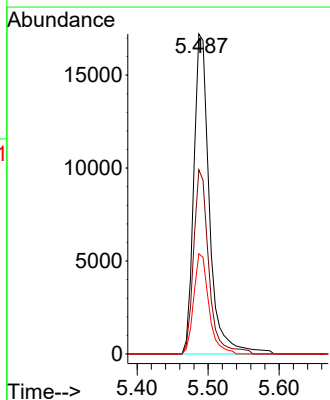
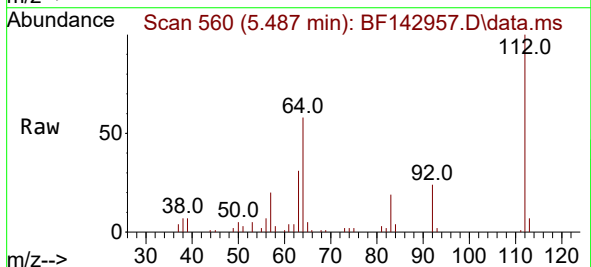
Instrument :
BNA_F
ClientSampleId :
COMP-2

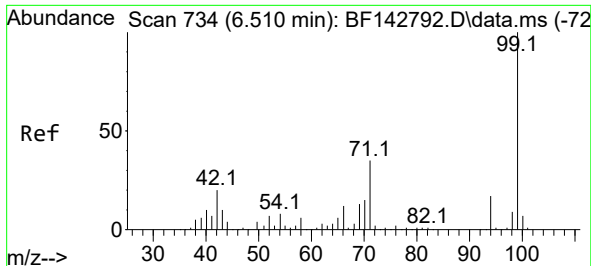
Tgt Ion:152 Resp: 61496
Ion Ratio Lower Upper
152 100
150 157.2 127.2 190.8
115 58.5 46.6 69.8



#5
2-Fluorophenol
Concen: 7.166 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF142957.D
Acq: 01 Jul 2025 19:02

Tgt Ion:112 Resp: 26470
Ion Ratio Lower Upper
112 100
64 57.6 48.2 72.2
63 31.3 25.7 38.5

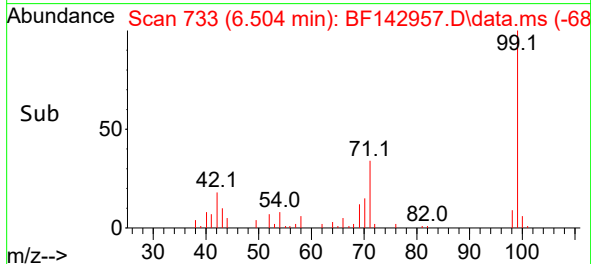
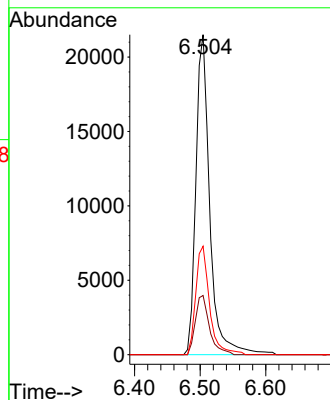
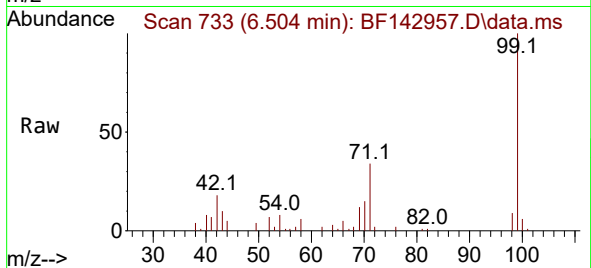




#7
Phenol-d6
Concen: 7.271 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142957.D
Acq: 01 Jul 2025 19:02

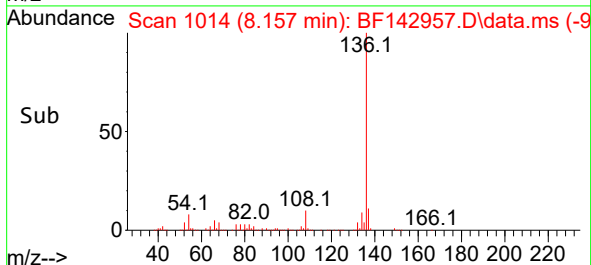
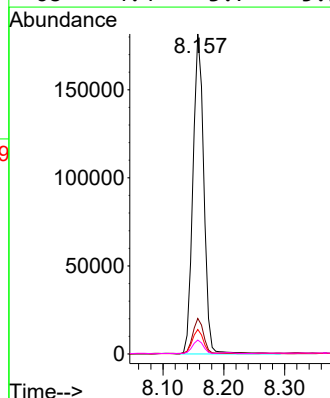
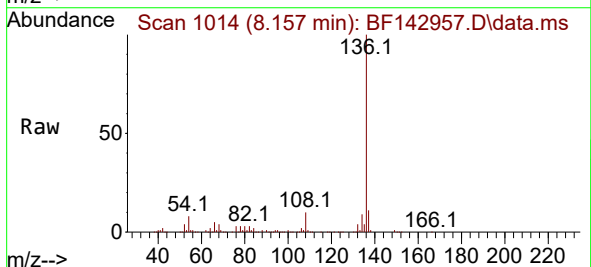
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 31686
Ion Ratio Lower Upper
99 100
42 18.5 15.9 23.9
71 33.9 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: BF142957.D
Acq: 01 Jul 2025 19:02

Tgt Ion: 136 Resp: 224744
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.6 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 4.366 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142957.D

Acq: 01 Jul 2025 19:02

Instrument :

BNA_F

ClientSampleId :

COMP-2

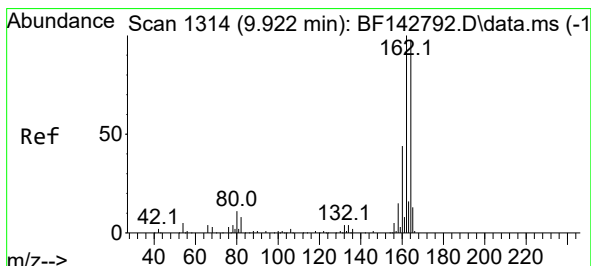
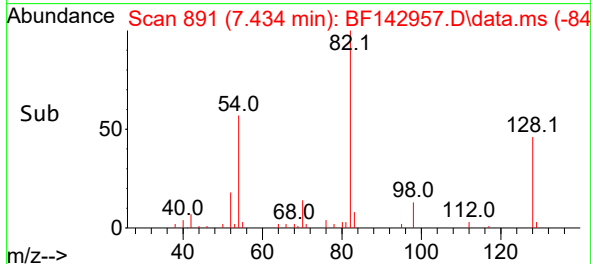
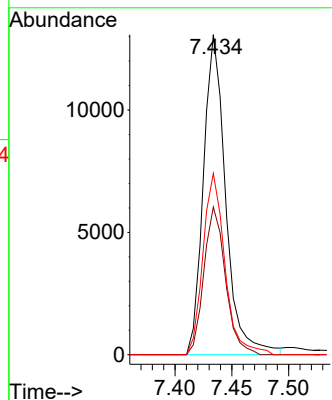
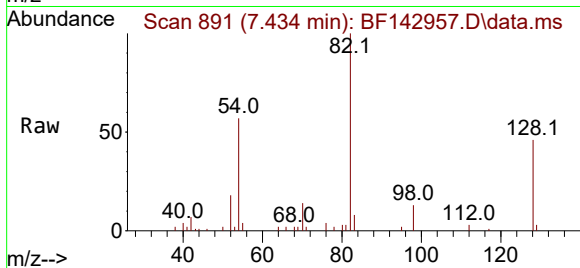
Tgt Ion: 82 Resp: 17888

Ion Ratio Lower Upper

82 100

128 46.1 37.7 56.5

54 56.7 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF142957.D

Acq: 01 Jul 2025 19:02

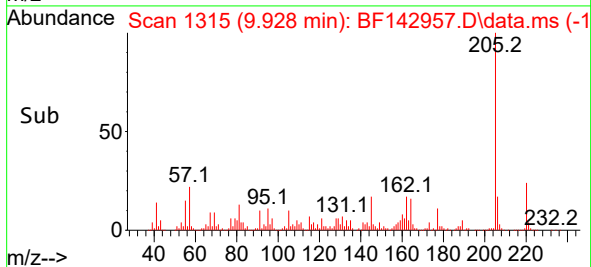
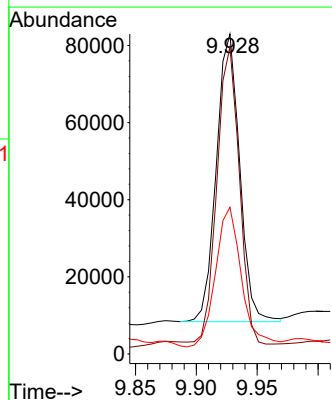
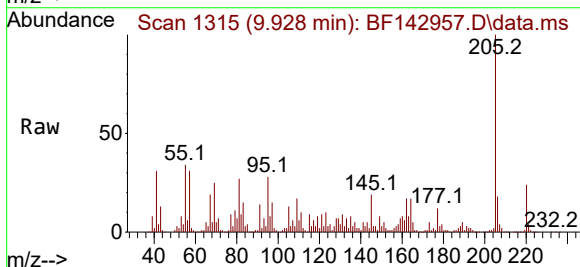
Tgt Ion:164 Resp: 99402

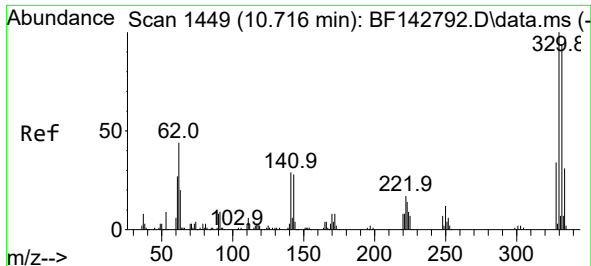
Ion Ratio Lower Upper

164 100

162 96.0 81.8 122.8

160 45.9 36.0 54.0

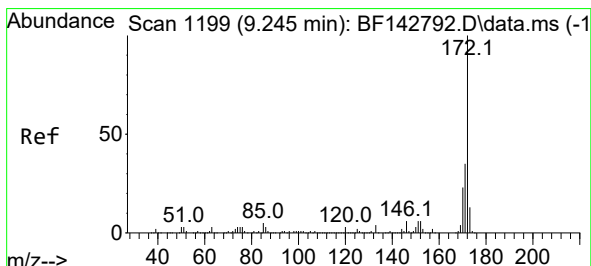
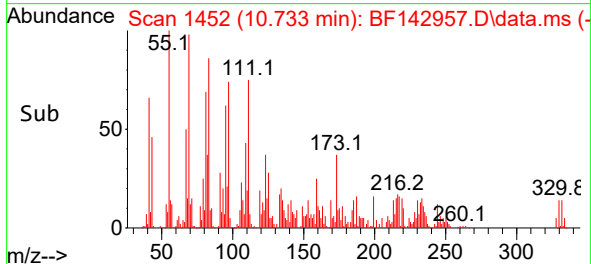
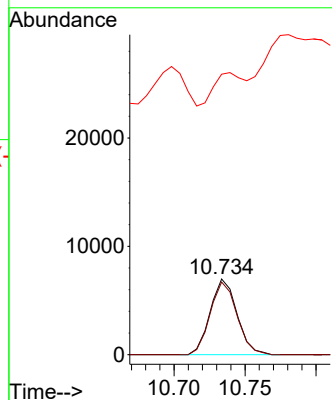
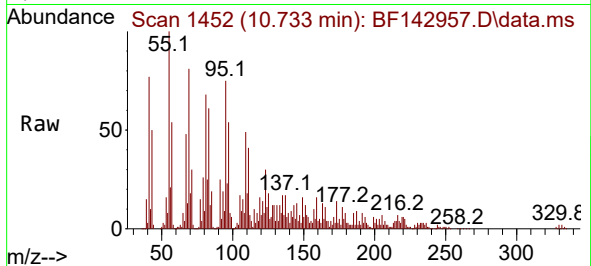




#42
2,4,6-Tribromophenol
Concen: 8.967 ng
RT: 10.733 min Scan# 1449
Delta R.T. 0.018 min
Lab File: BF142957.D
Acq: 01 Jul 2025 19:02

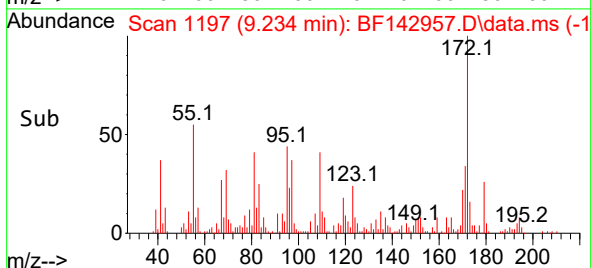
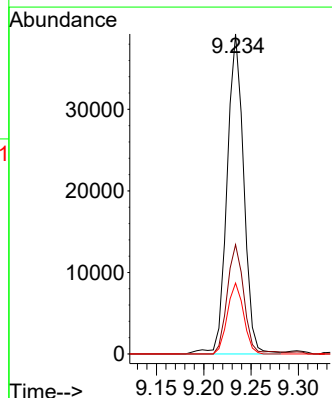
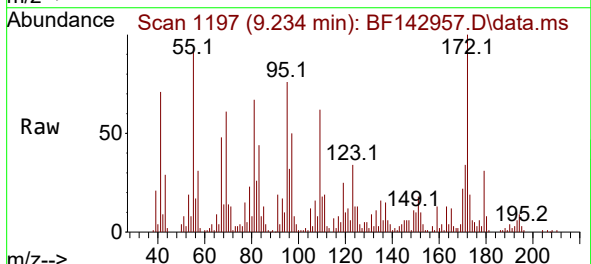
Instrument :
BNA_F
ClientSampleId :
COMP-2

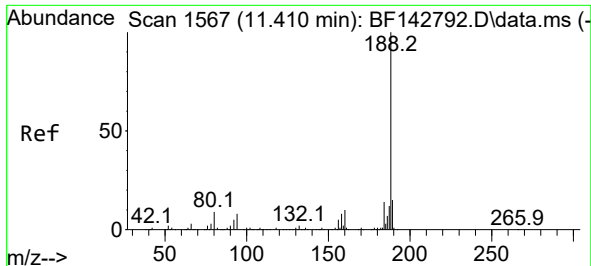
Tgt Ion: 330 Resp: 9172
Ion Ratio Lower Upper
330 100
332 95.6 75.0 112.6
141 50.4 25.3 37.9#



#45
2-Fluorobiphenyl
Concen: 6.365 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142957.D
Acq: 01 Jul 2025 19:02

Tgt Ion: 172 Resp: 48161
Ion Ratio Lower Upper
172 100
171 34.1 28.2 42.4
170 22.1 18.5 27.7

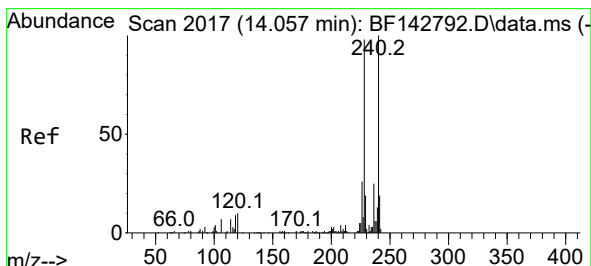
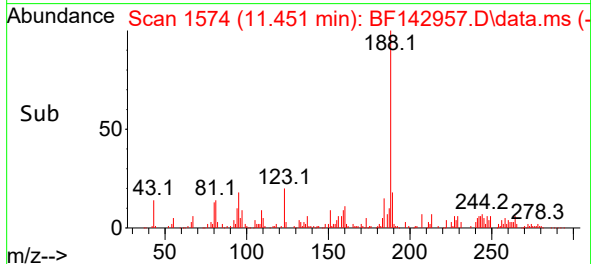
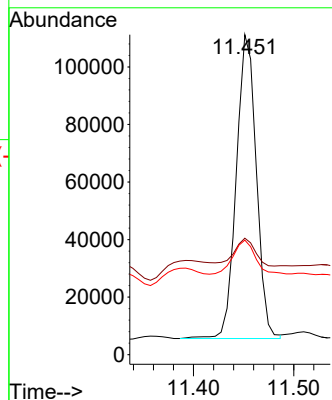
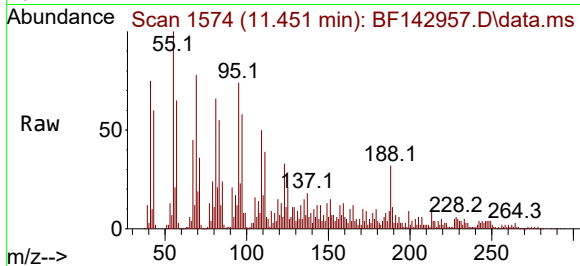




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF142957.D
Acq: 01 Jul 2025 19:02

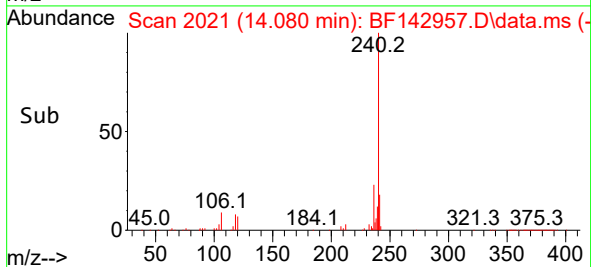
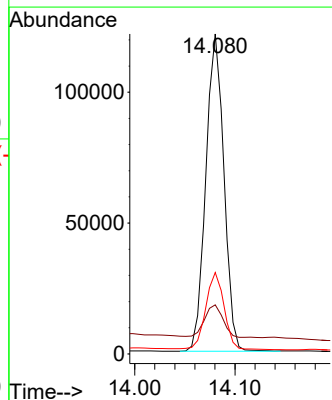
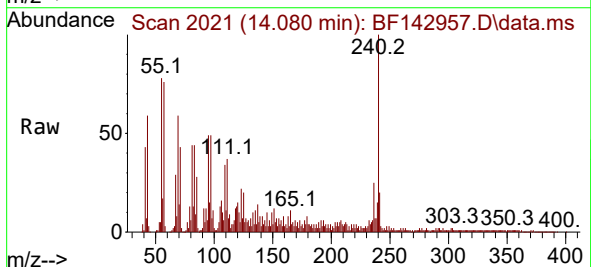
Instrument :
BNA_F
ClientSampleId :
COMP-2

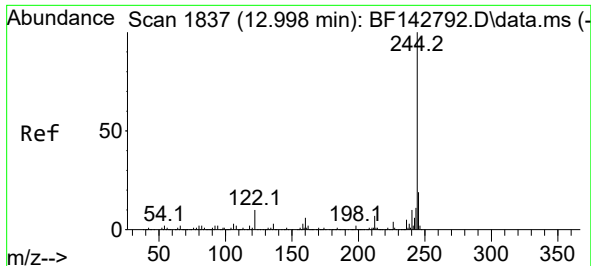
Tgt Ion:188 Resp: 146916
Ion Ratio Lower Upper
188 100
94 36.4 6.7 10.1#
80 35.8 6.9 10.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.024 min
Lab File: BF142957.D
Acq: 01 Jul 2025 19:02

Tgt Ion:240 Resp: 152704
Ion Ratio Lower Upper
240 100
120 15.4 8.2 12.2#
236 25.5 19.8 29.8

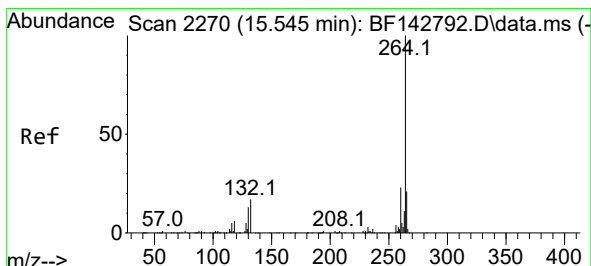
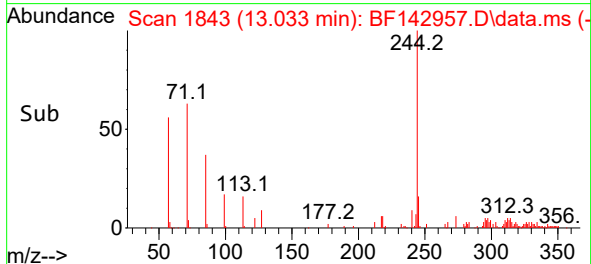
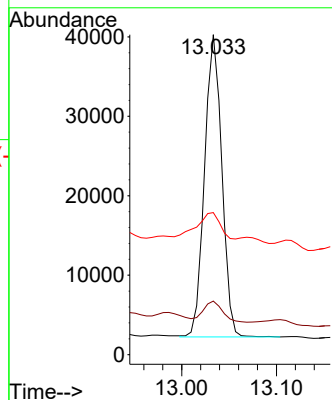
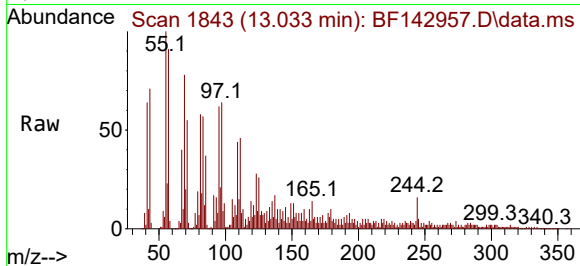




#79
 Terphenyl-d14
 Concen: 4.347 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.035 min
 Lab File: BF142957.D
 Acq: 01 Jul 2025 19:02

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 48048
 Ion Ratio Lower Upper
 244 100
 212 16.7 5.4 8.0#
 122 44.4 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF142957.D
 Acq: 01 Jul 2025 19:02

Tgt Ion:264 Resp: 132220
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.1 27.1
 265 21.5 16.6 25.0

