

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142549.D
 Acq On : 23 May 2025 21:51
 Operator : RC/JU
 Sample : Q2113-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-05222025

Quant Time: May 23 22:56:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

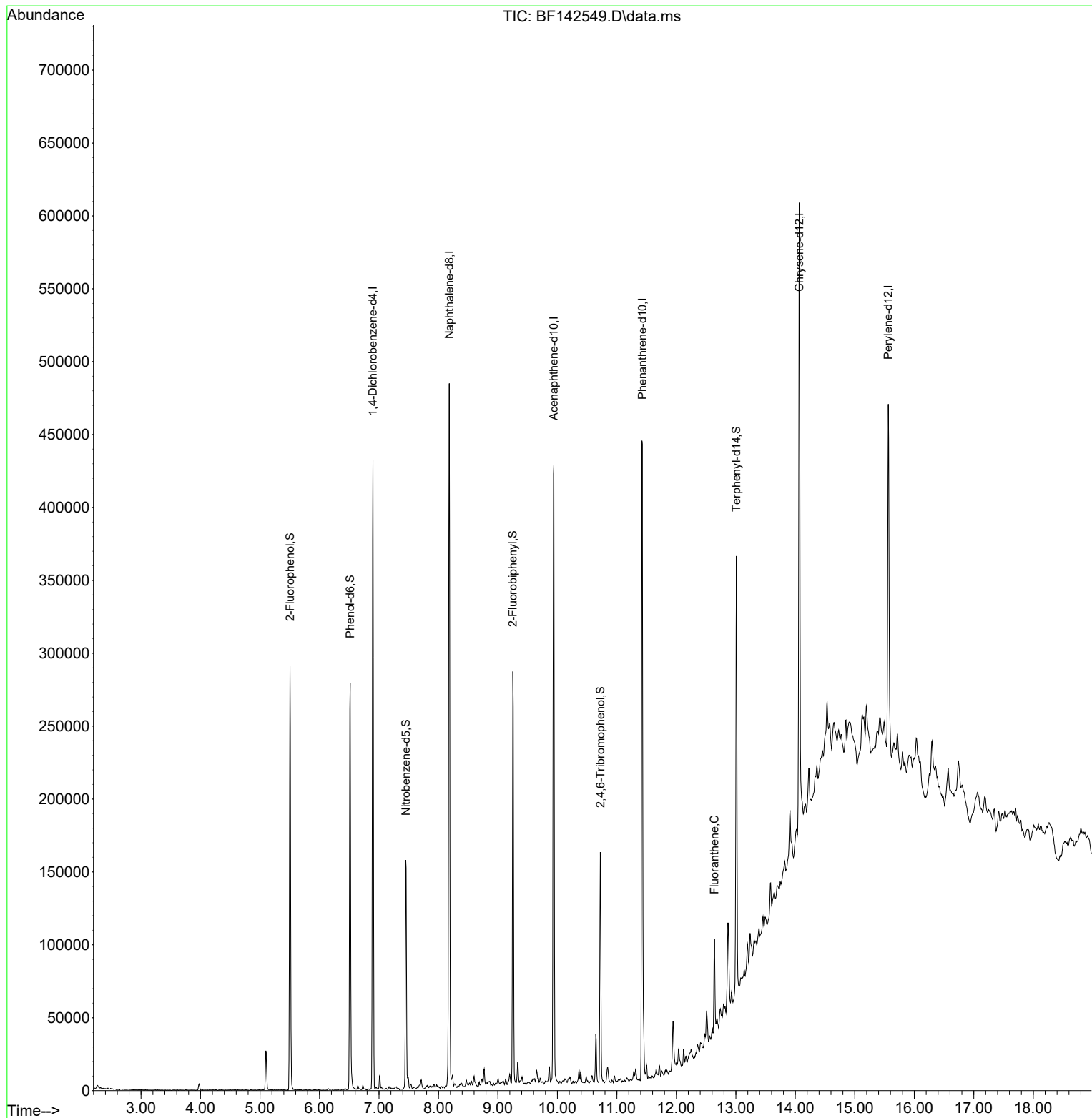
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93562	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	305694	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	130960	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	239804	20.000	ng	0.00
76) Chrysene-d12	14.068	240	205135	20.000	ng	0.00
86) Perylene-d12	15.562	264	147529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	109265	19.675	ng	-0.01
7) Phenol-d6	6.516	99	127325	19.046	ng	-0.02
23) Nitrobenzene-d5	7.451	82	67097	11.969	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	26441	18.191	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	128497	13.166	ng	-0.02
79) Terphenyl-d14	13.010	244	142448	9.489	ng	0.00
Target Compounds						
75) Fluoranthene	12.639	202	36887	3.080	ng	99

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

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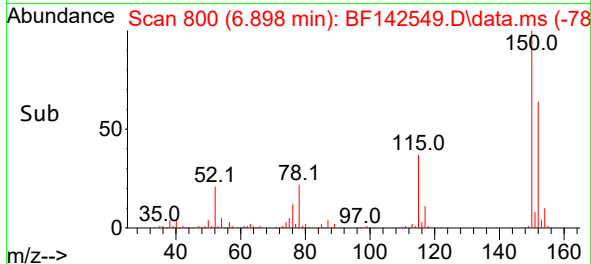
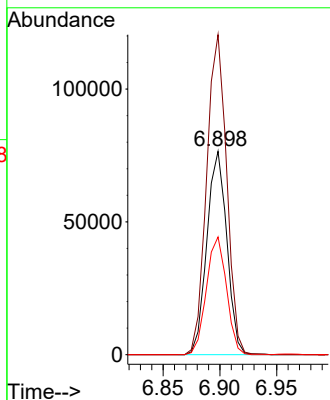
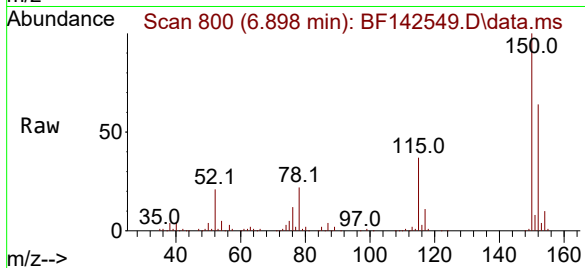




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142549.D
 Acq: 23 May 2025 21:51

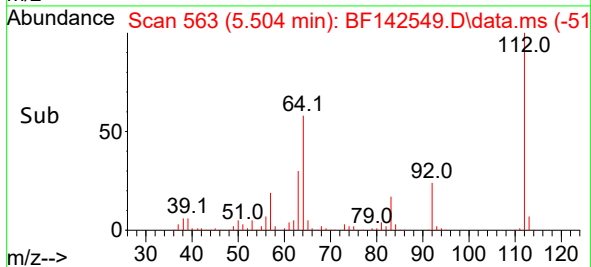
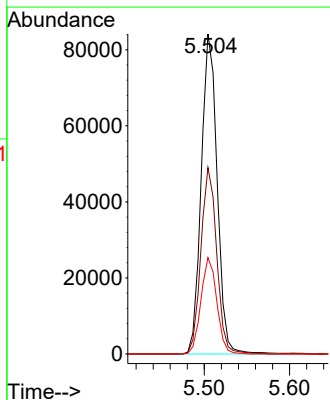
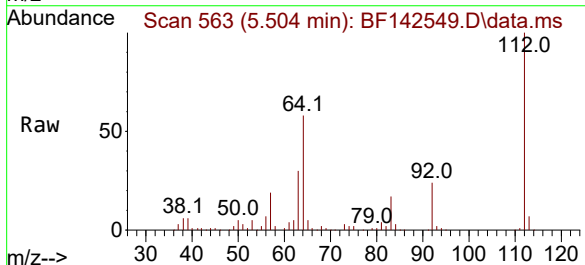
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-05222025

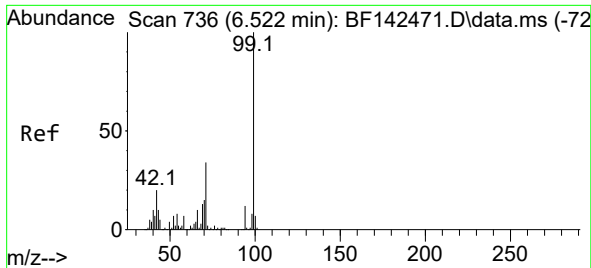
Tgt Ion:152 Resp: 93562
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.2 192.4
 115 57.9 48.3 72.5



#5
 2-Fluorophenol
 Concen: 19.675 ng
 RT: 5.504 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: BF142549.D
 Acq: 23 May 2025 21:51

Tgt Ion:112 Resp: 109265
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.5 71.3
 63 30.1 24.9 37.3

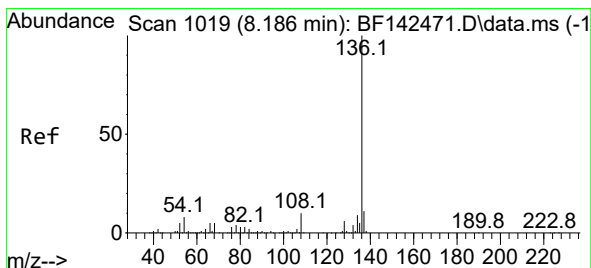
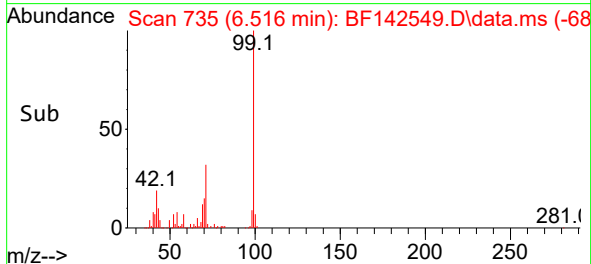
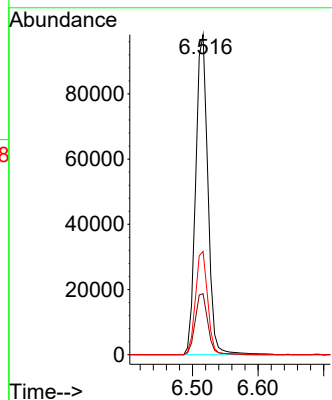
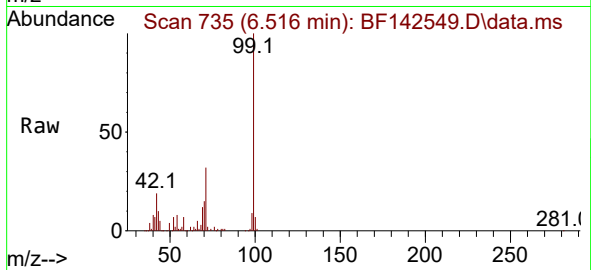




#7
Phenol-d6
Concen: 19.046 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142549.D
Acq: 23 May 2025 21:51

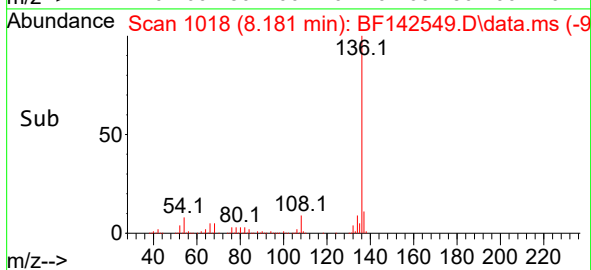
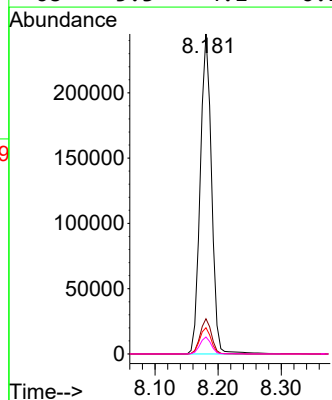
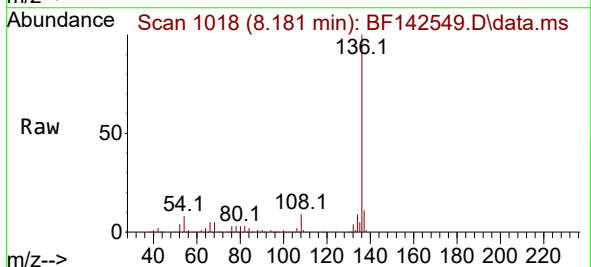
Instrument :
BNA_F
ClientSampleId :
HD-02-05222025

Tgt Ion: 99 Resp: 127325
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142549.D
Acq: 23 May 2025 21:51

Tgt Ion: 136 Resp: 305694
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.6 10.0
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 11.969 ng

RT: 7.451 min Scan# 896

Delta R.T. -0.023 min

Lab File: BF142549.D

Acq: 23 May 2025 21:51

Instrument :

BNA_F

ClientSampleId :

HD-02-05222025

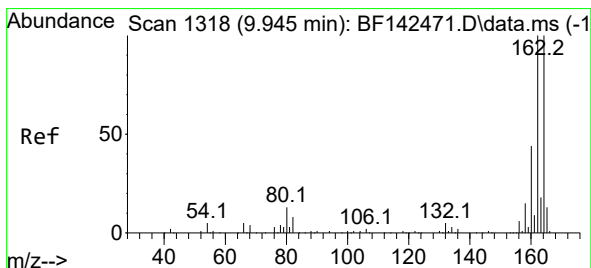
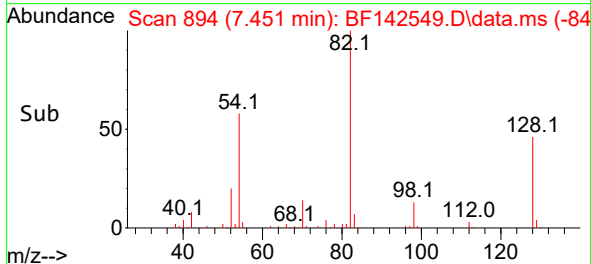
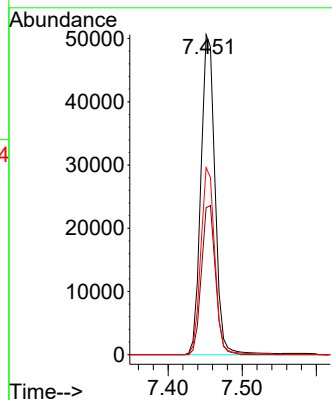
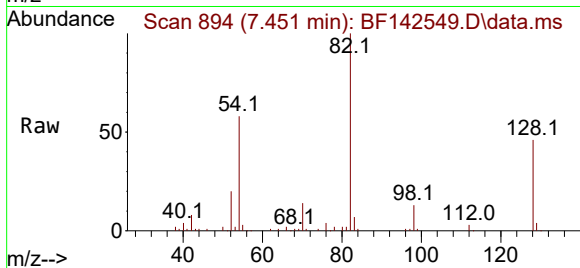
Tgt Ion: 82 Resp: 67097

Ion Ratio Lower Upper

82 100

128 45.9 37.4 56.2

54 58.5 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142549.D

Acq: 23 May 2025 21:51

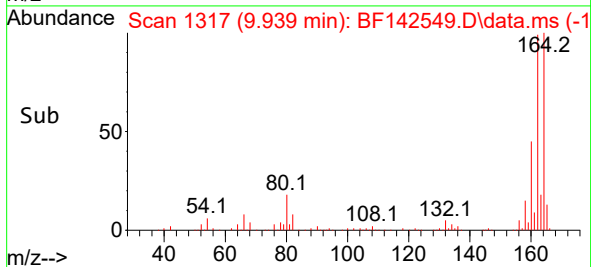
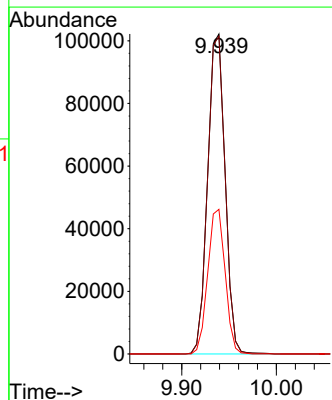
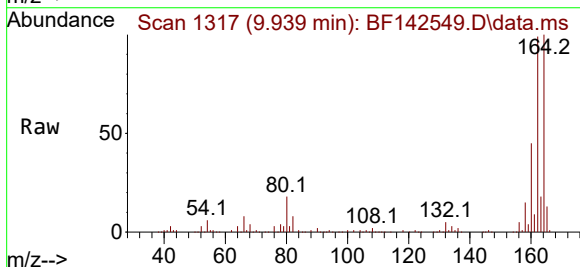
Tgt Ion:164 Resp: 130960

Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.4

160 45.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 18.191 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF142549.D

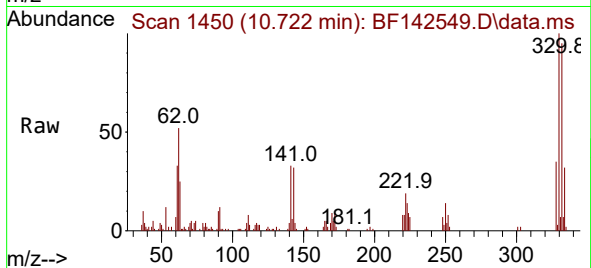
Acq: 23 May 2025 21:51

Instrument :

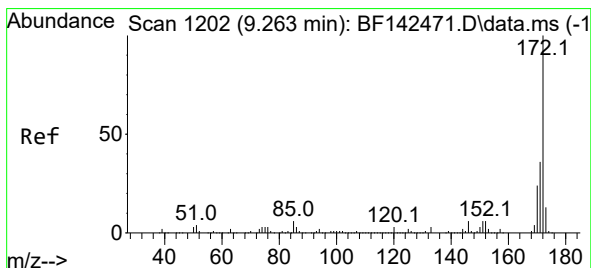
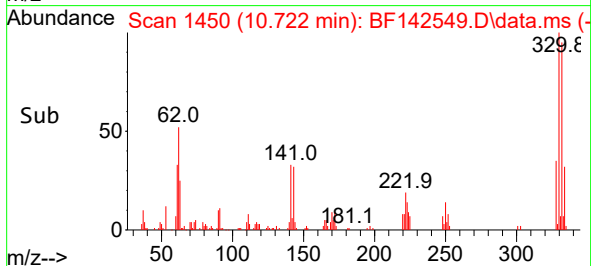
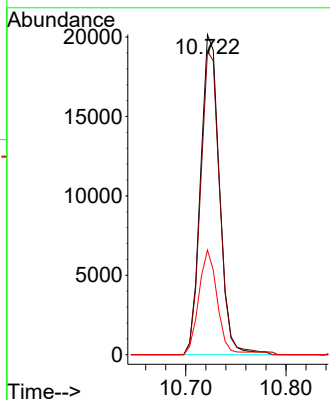
BNA_F

ClientSampleId :

HD-02-05222025



Tgt Ion:	330	Resp:	26441
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.6	116.4
141	32.0	24.6	36.8



#45

2-Fluorobiphenyl

Concen: 13.166 ng

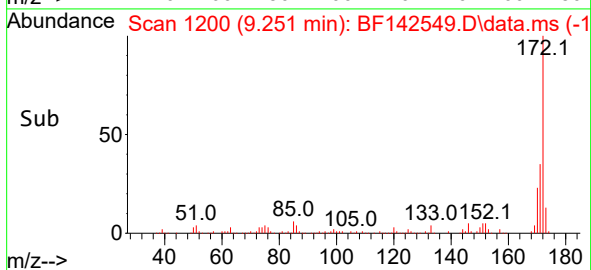
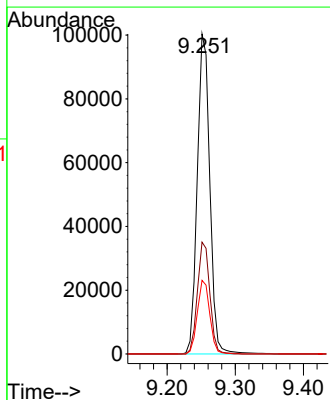
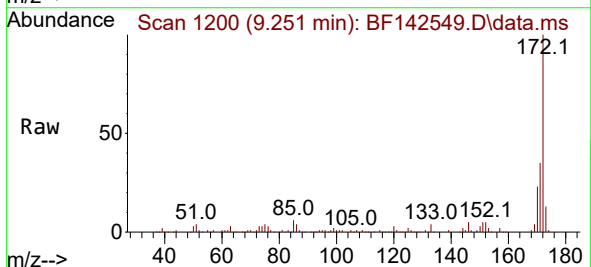
RT: 9.251 min Scan# 1200

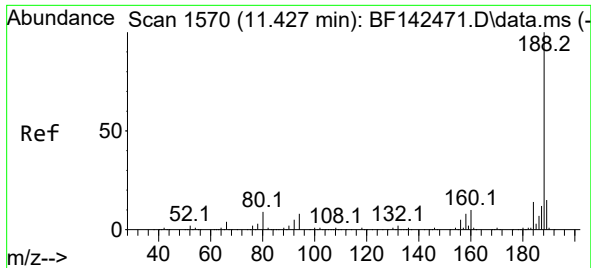
Delta R.T. -0.018 min

Lab File: BF142549.D

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Tgt Ion:	172	Resp:	128497
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	42.8
170	23.0	18.9	28.3

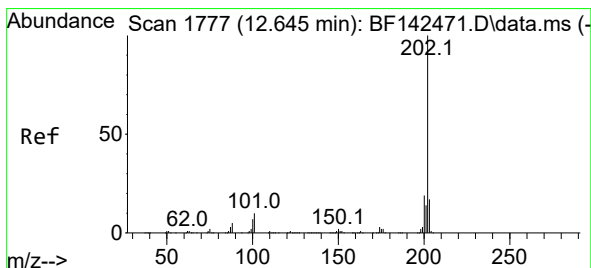
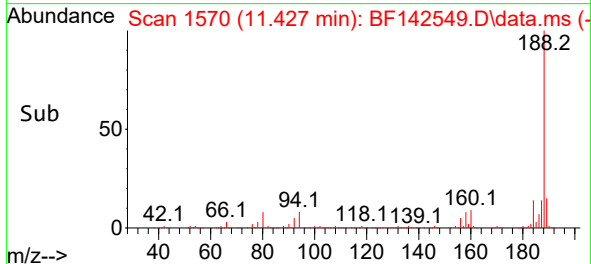
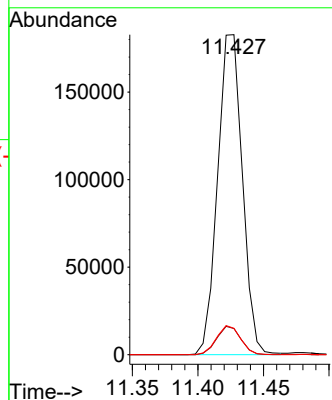
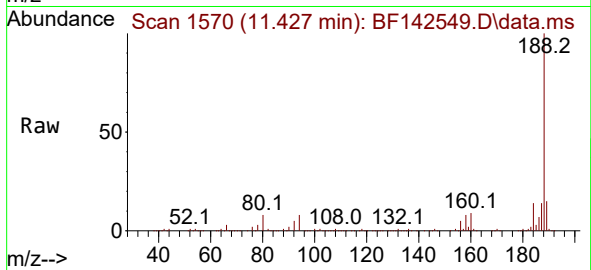




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142549.D
Acq: 23 May 2025 21:51

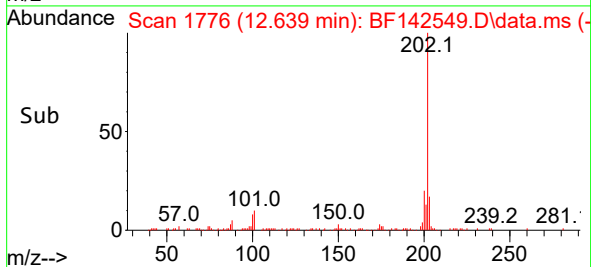
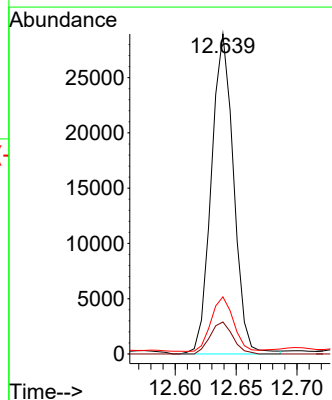
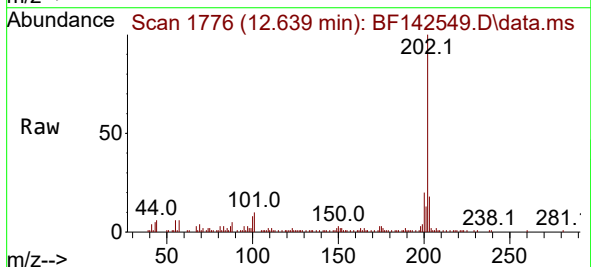
Instrument :
BNA_F
ClientSampleId :
HD-02-05222025

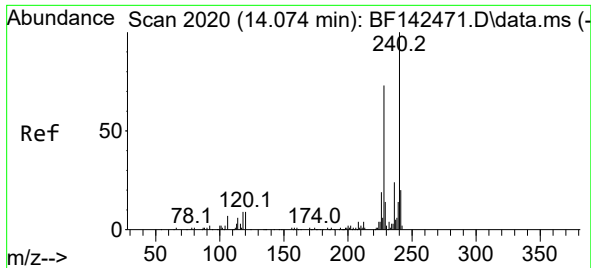
Tgt Ion:188 Resp: 239804
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 8.3 7.4 11.0



#75
Fluoranthene
Concen: 3.080 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142549.D
Acq: 23 May 2025 21:51

Tgt Ion:202 Resp: 36887
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 17.9 0.0 37.2

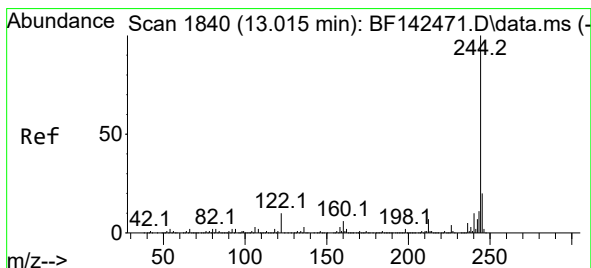
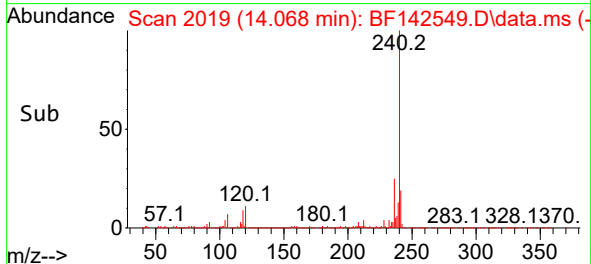
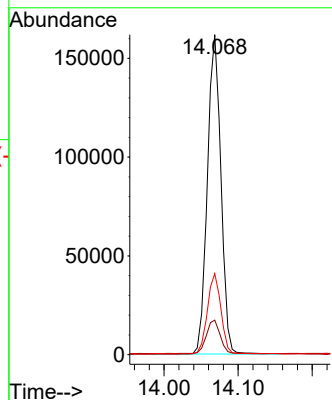
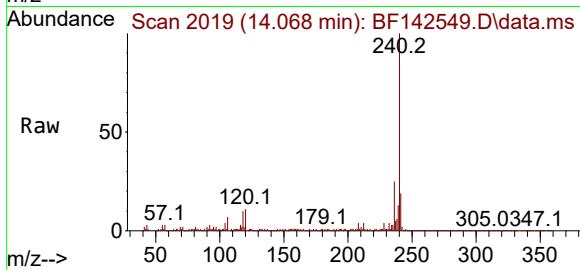




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142549.D
Acq: 23 May 2025 21:51

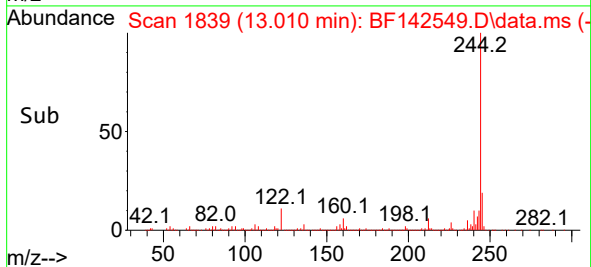
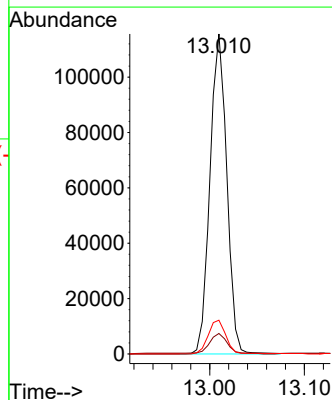
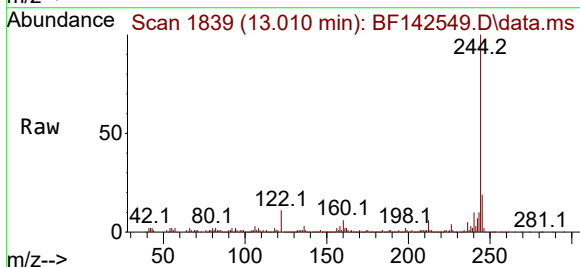
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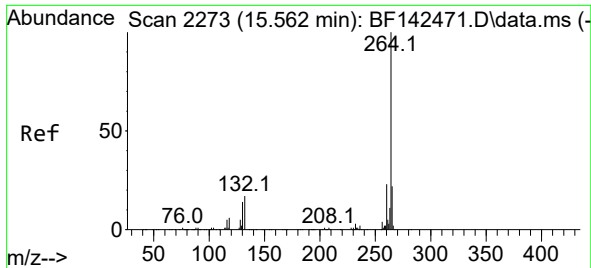
Tgt Ion:240 Resp: 205135
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.4 19.6 29.4



#79
Terphenyl-d14
Concen: 9.489 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142549.D
Acq: 23 May 2025 21:51

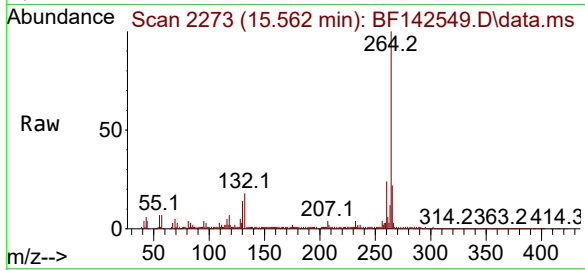
Tgt Ion:244 Resp: 142448
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.6 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142549.D
 Acq: 23 May 2025 21:51

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-05222025



Tgt Ion:264 Resp: 147529
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.3 17.7 26.5

