

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142491.D
 Acq On : 21 May 2025 17:10
 Operator : RC/JU
 Sample : Q2080-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-01

Quant Time: May 21 17:31:08 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	94874	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	353200	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	171001	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	225567	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	182813	20.000	ng	0.00
86) Perylene-d12	15.562	264	218237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	352639	62.621	ng	0.00
7) Phenol-d6	6.516	99	444779	65.614	ng	-0.02
23) Nitrobenzene-d5	7.457	82	274541	42.385	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	89829	47.331	ng	-0.02
45) 2-Fluorobiphenyl	9.257	172	481254	37.764	ng	-0.01
79) Terphenyl-d14	13.010	244	317672	23.746	ng	0.00

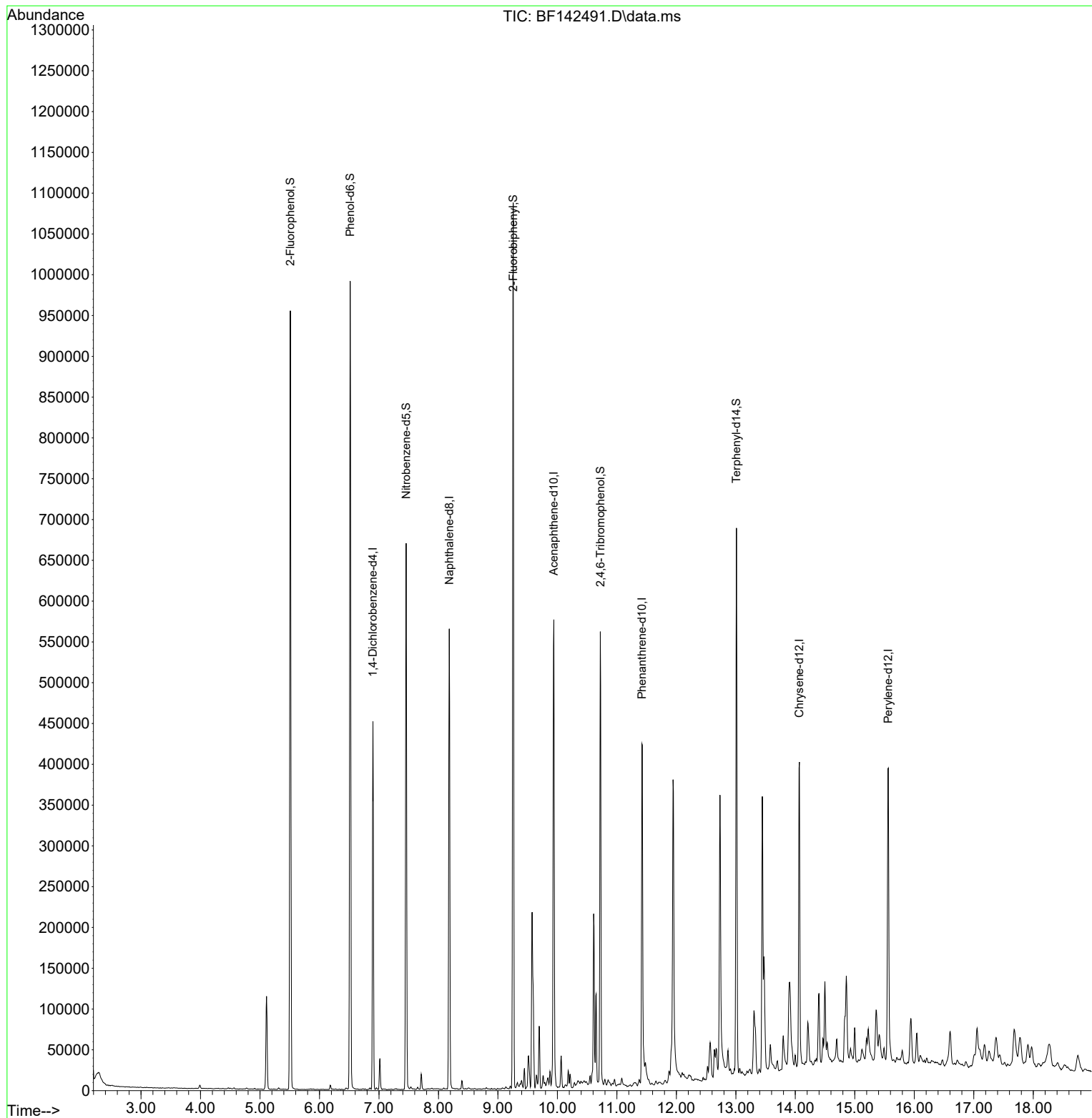
Target Compounds	Qvalue

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

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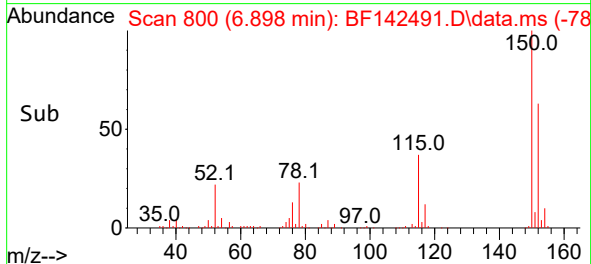
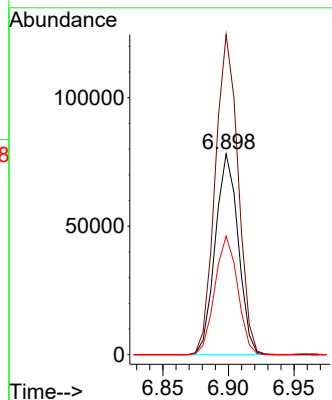
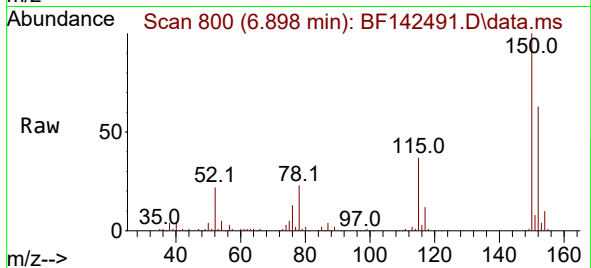




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

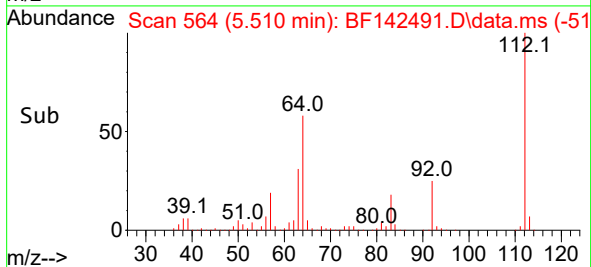
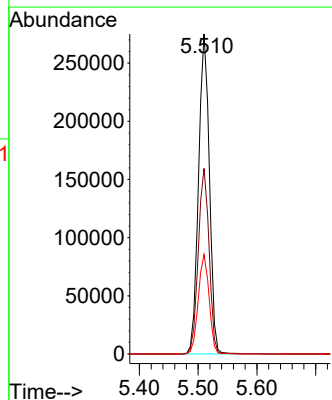
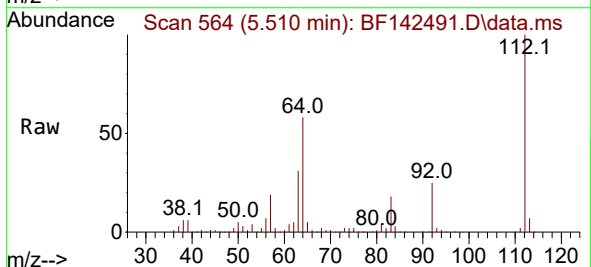
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

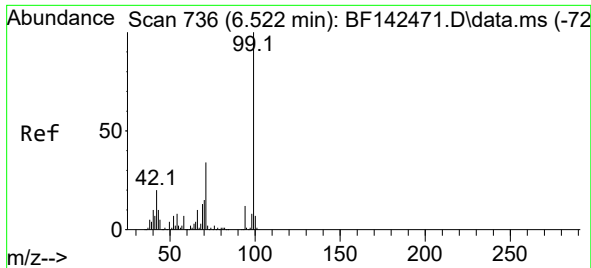
Tgt Ion:152 Resp: 94874
Ion Ratio Lower Upper
152 100
150 159.4 128.2 192.4
115 59.0 48.3 72.5



#5
2-Fluorophenol
Concen: 62.621 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion:112 Resp: 352639
Ion Ratio Lower Upper
112 100
64 58.0 47.5 71.3
63 31.1 24.9 37.3

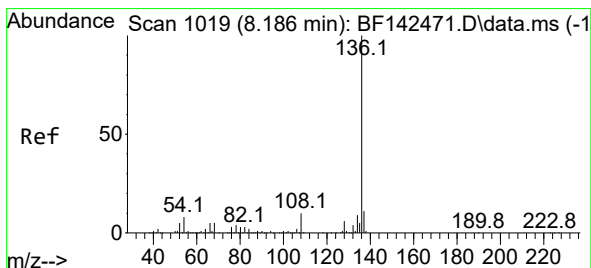
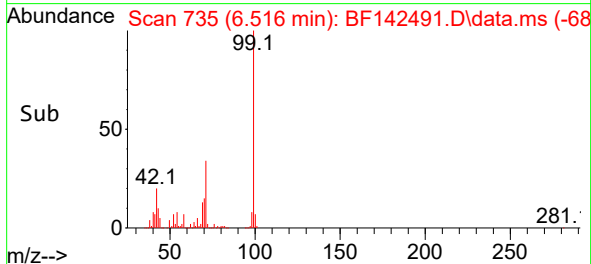
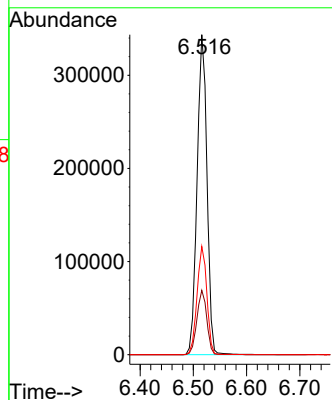
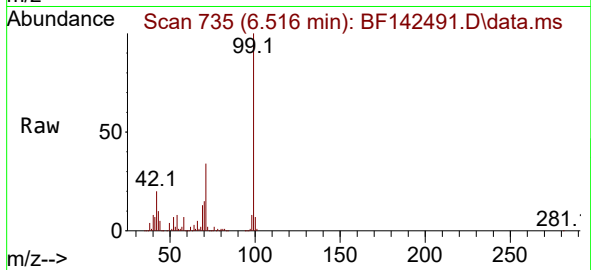




#7
Phenol-d6
Concen: 65.614 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

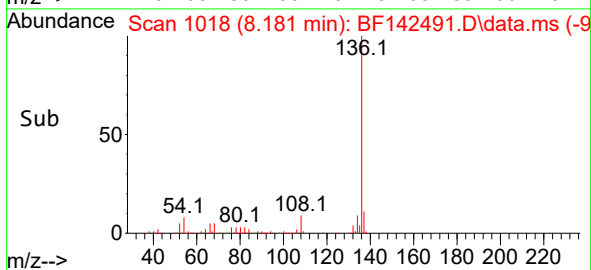
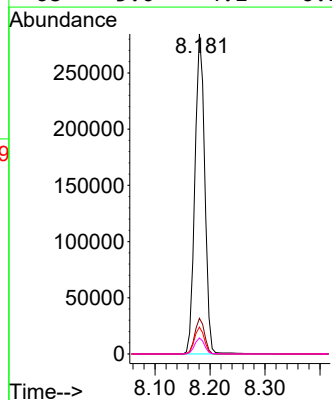
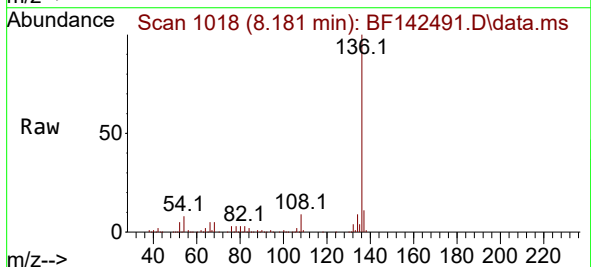
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Tgt Ion: 99 Resp: 444779
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.2
71 33.8 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: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion: 136 Resp: 353200
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 6.6 10.0
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 42.385 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142491.D

Acq: 21 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

PL-HRH-COMP-01

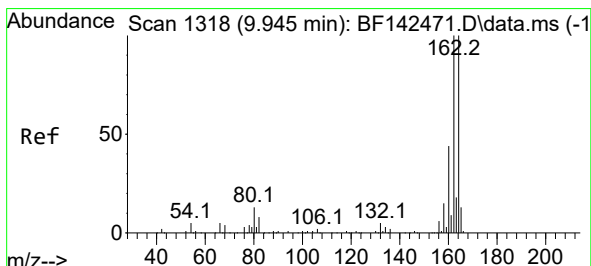
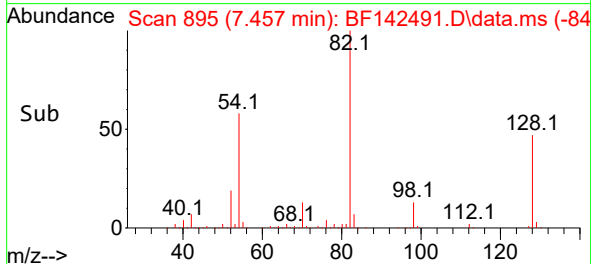
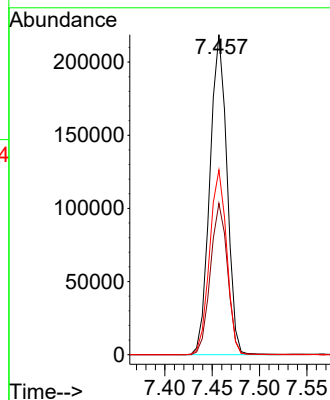
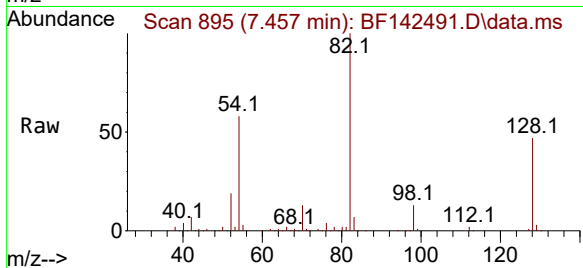
Tgt Ion: 82 Resp: 274541

Ion Ratio Lower Upper

82 100

128 47.3 37.4 56.2

54 57.8 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: BF142491.D

Acq: 21 May 2025 17:10

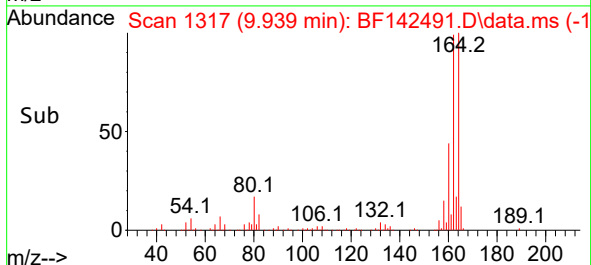
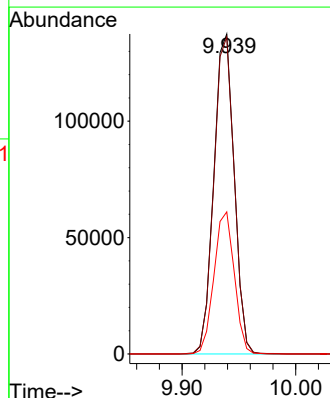
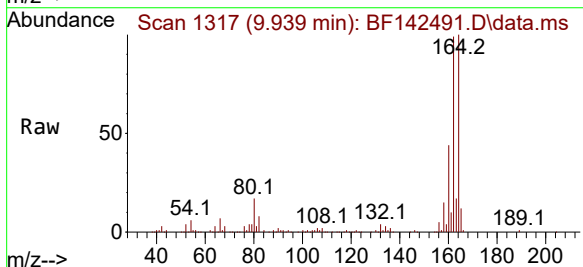
Tgt Ion:164 Resp: 171001

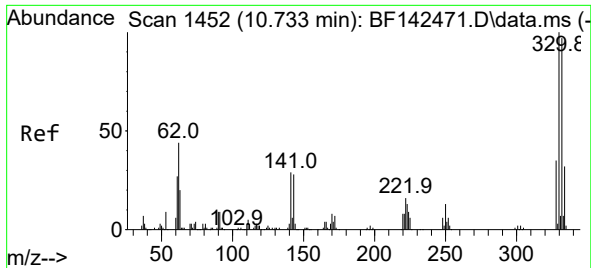
Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 44.4 35.6 53.4

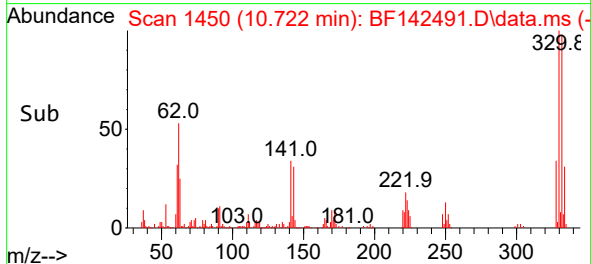
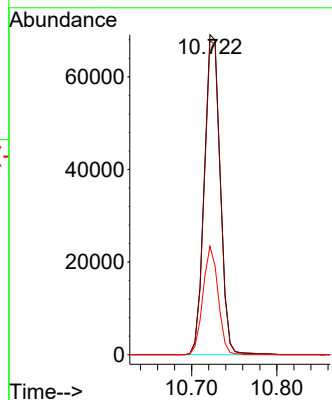
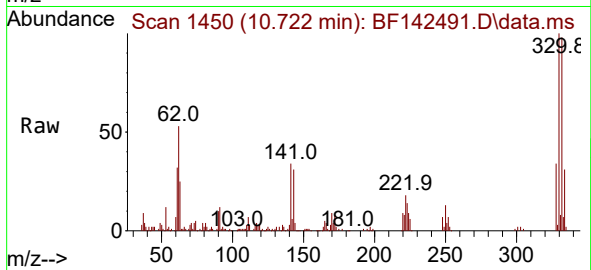




#42
2,4,6-Tribromophenol
Concen: 47.331 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.018 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

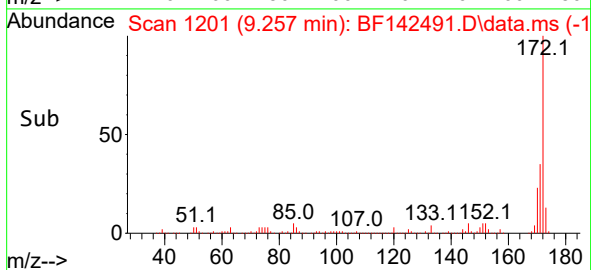
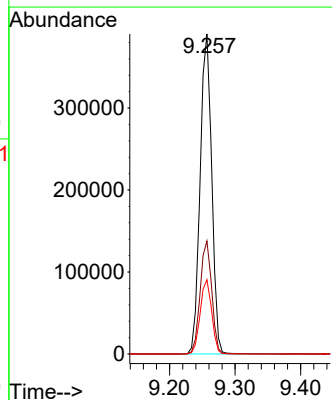
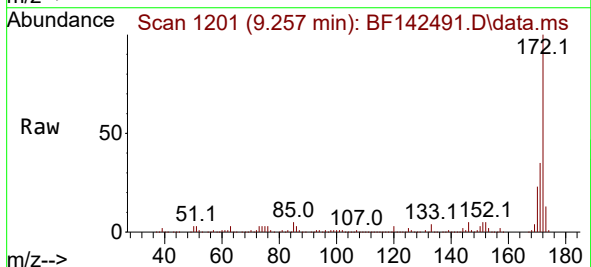
Instrument :
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ClientSampleId :
PL-HRH-COMP-01

Tgt Ion:330 Resp: 89829
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 32.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 37.764 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion:172 Resp: 481254
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 18.9 28.3

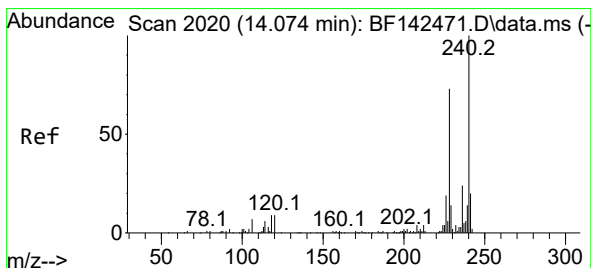
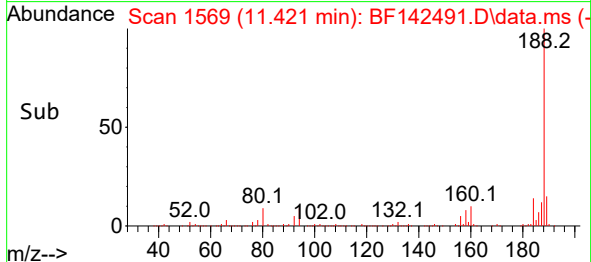
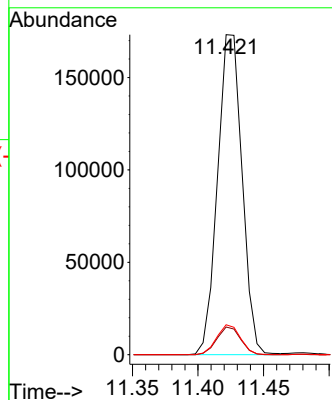
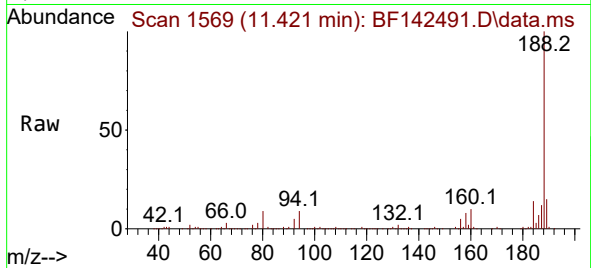




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

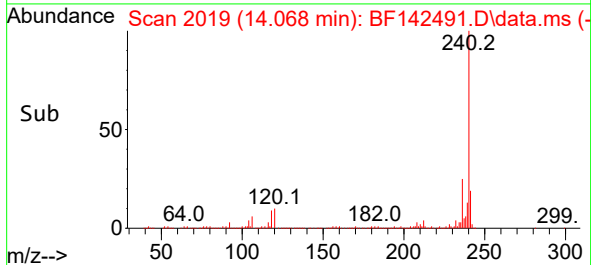
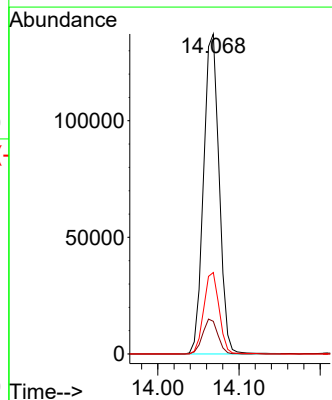
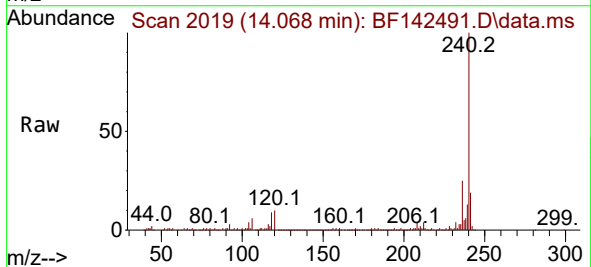
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

Tgt Ion:188 Resp: 225567
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

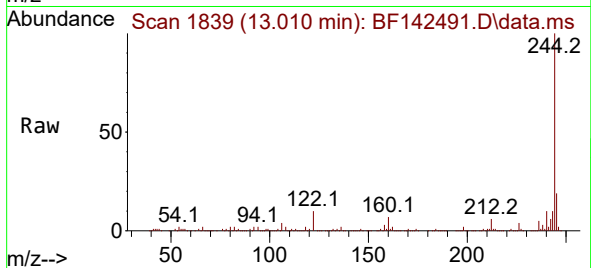
Tgt Ion:240 Resp: 182813
Ion Ratio Lower Upper
240 100
120 10.2 7.5 11.3
236 25.5 19.6 29.4



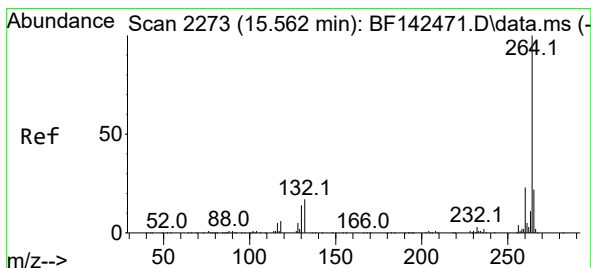
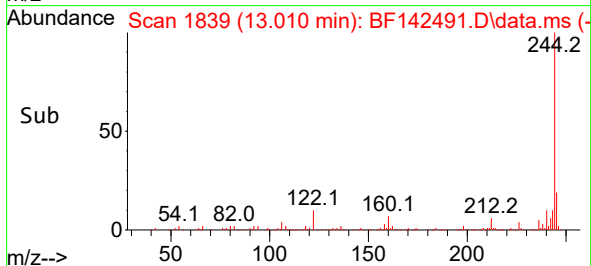
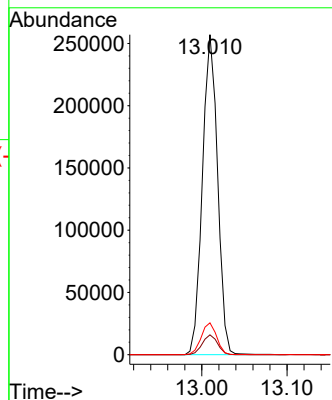


#79
Terphenyl-d14
Concen: 23.746 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01



Tgt Ion:244 Resp: 317672
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 10.0 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142491.D
Acq: 21 May 2025 17:10

Tgt Ion:264 Resp: 218237
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.0 17.7 26.5

