

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142507.D
 Acq On : 22 May 2025 13:40
 Operator : RC/JU
 Sample : Q2080-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 22 14:06:53 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	111394	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	419447	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	220519	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	348249	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	206434	20.000	ng	-0.01
86) Perylene-d12	15.557	264	223955	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	415957	62.911	ng	0.00
7) Phenol-d6	6.516	99	527381	66.261	ng	-0.02
23) Nitrobenzene-d5	7.457	82	323861	42.102	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	132159	53.998	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	589681	35.882	ng	-0.02
79) Terphenyl-d14	13.010	244	449075	29.728	ng	0.00

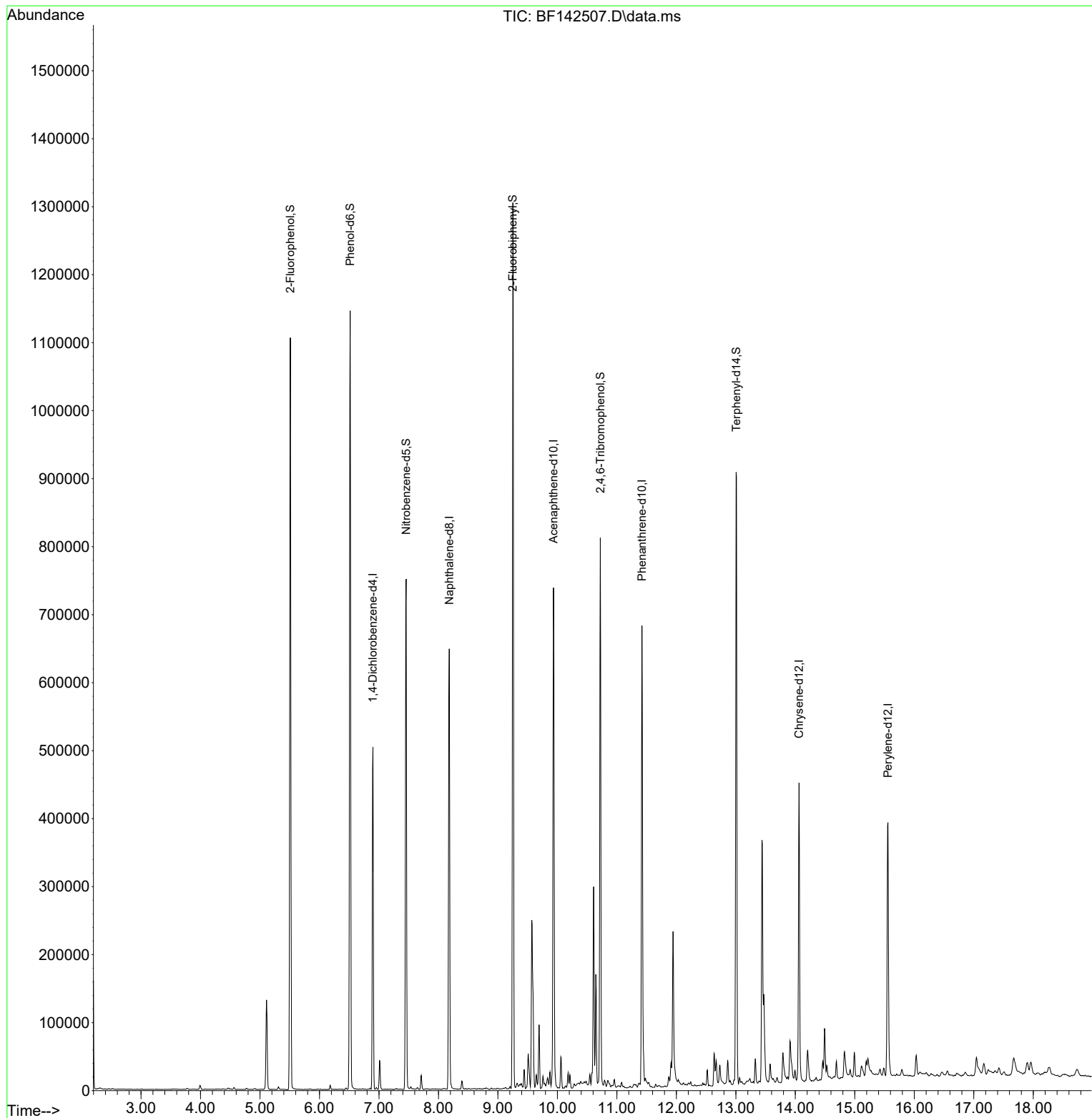
Target Compounds	Qvalue

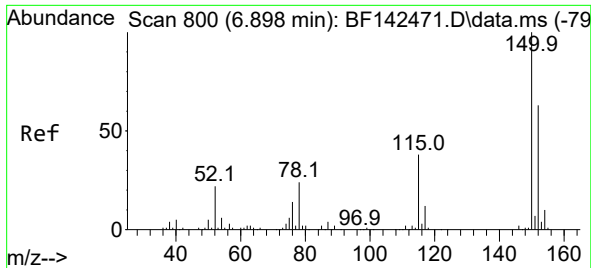
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142507.D
Acq On : 22 May 2025 13:40
Operator : RC/JU
Sample : Q2080-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 22 14:06:53 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

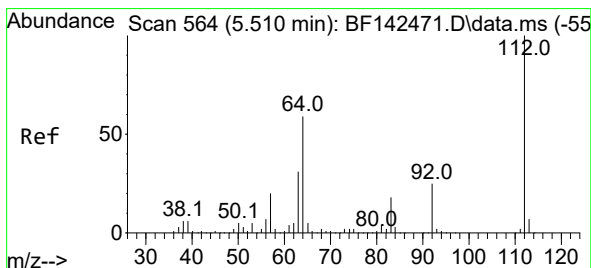
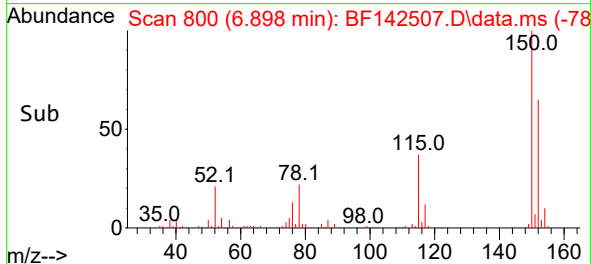
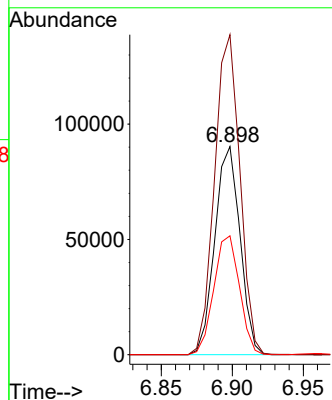
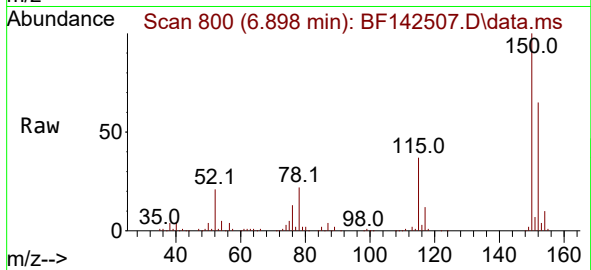




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142507.D
Acq: 22 May 2025 13:40

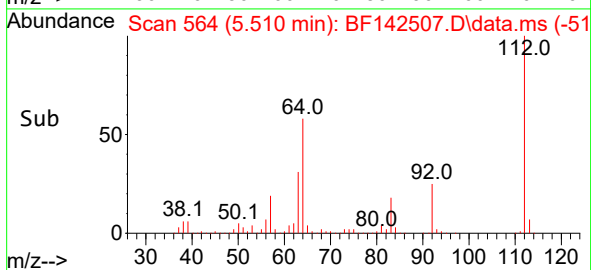
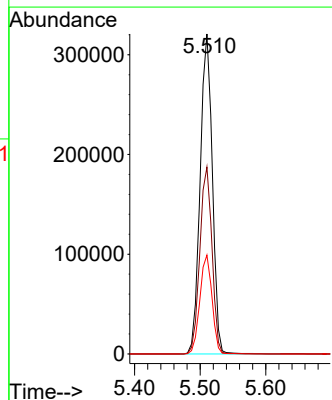
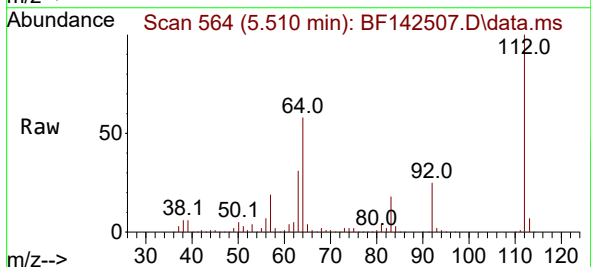
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

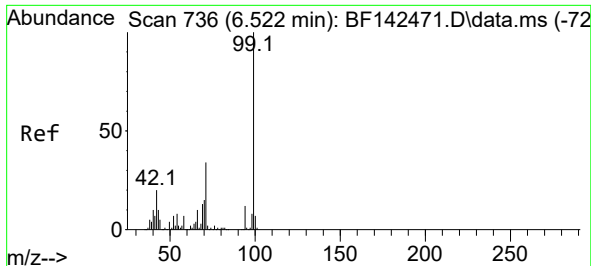
Tgt Ion:152 Resp: 111394
Ion Ratio Lower Upper
152 100
150 153.8 128.2 192.4
115 57.2 48.3 72.5



#5
2-Fluorophenol
Concen: 62.911 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142507.D
Acq: 22 May 2025 13:40

Tgt Ion:112 Resp: 415957
Ion Ratio Lower Upper
112 100
64 58.4 47.5 71.3
63 30.9 24.9 37.3





#7

Phenol-d6

Concen: 66.261 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142507.D

Acq: 22 May 2025 13:40

Instrument :

BNA_F

ClientSampleId :

PL-HRH-COMP-01

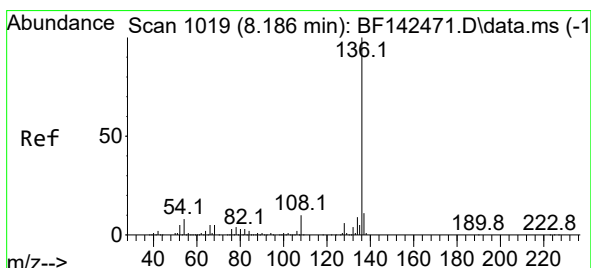
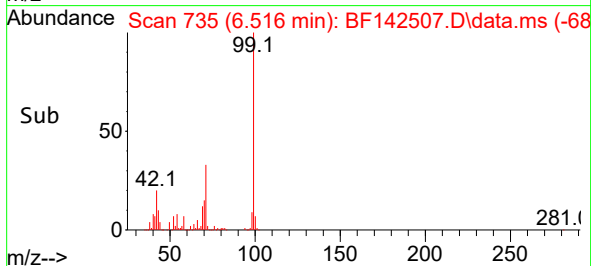
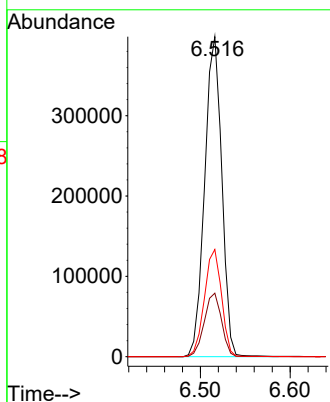
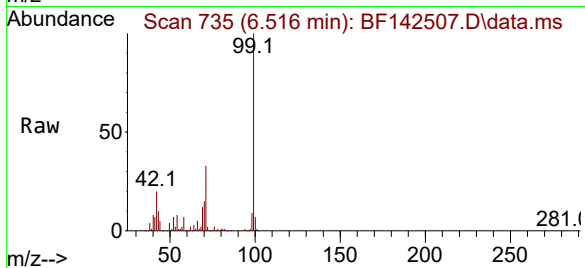
Tgt Ion: 99 Resp: 527381

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.2

71 33.5 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: BF142507.D

Acq: 22 May 2025 13:40

Tgt Ion:136 Resp: 419447

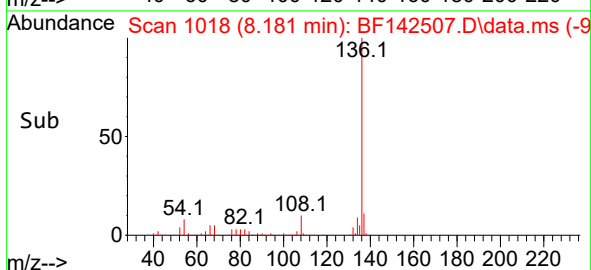
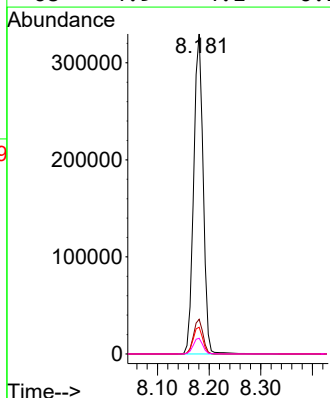
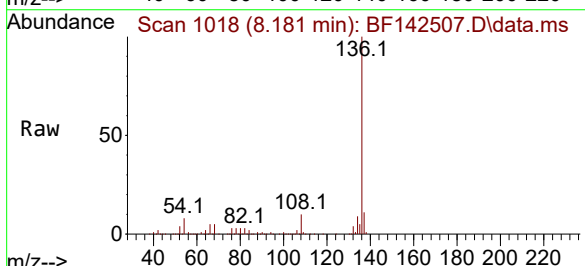
Ion Ratio Lower Upper

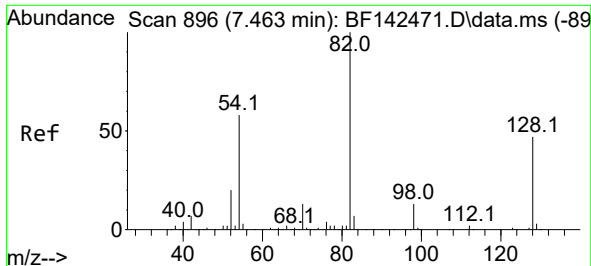
136 100

137 10.9 8.6 13.0

54 8.3 6.6 10.0

68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 42.102 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF142507.D

Acq: 22 May 2025 13:40

Instrument :

BNA_F

ClientSampleId :

PL-HRH-COMP-01

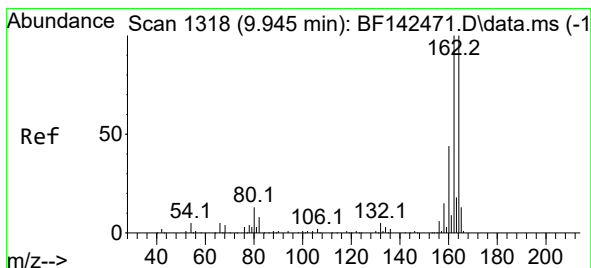
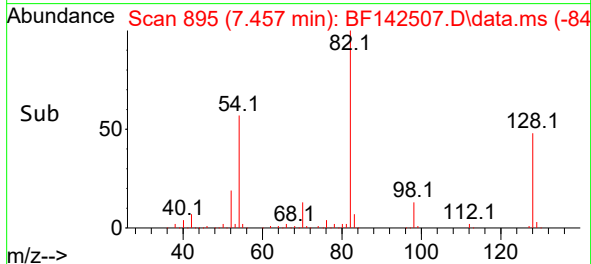
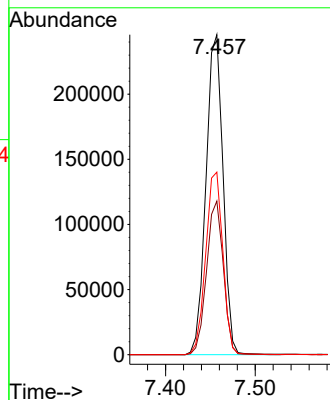
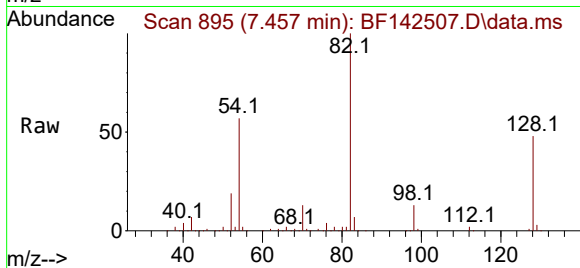
Tgt Ion: 82 Resp: 323861

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 57.0 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142507.D

Acq: 22 May 2025 13:40

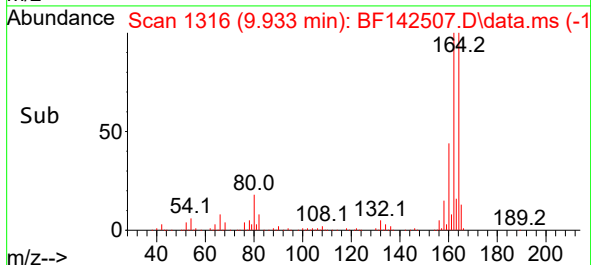
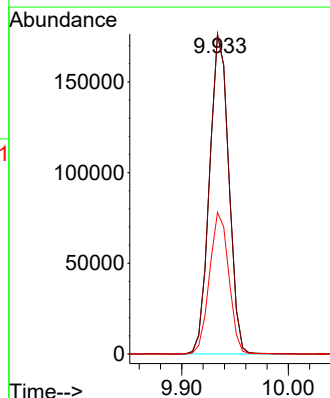
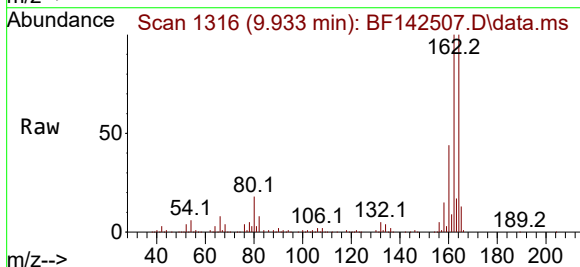
Tgt Ion:164 Resp: 220519

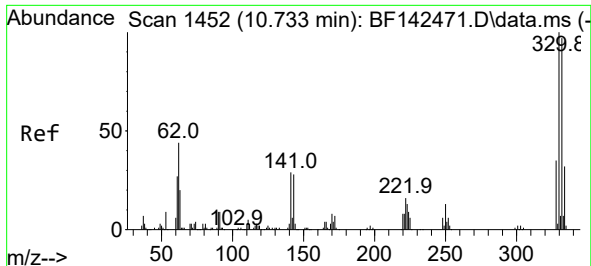
Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.4

160 44.3 35.6 53.4

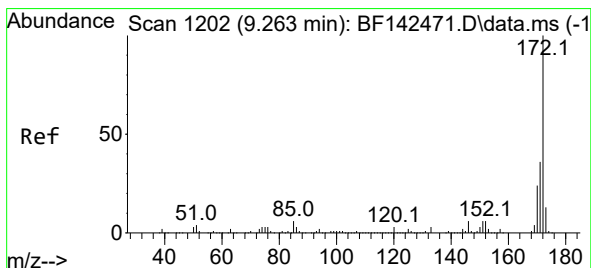
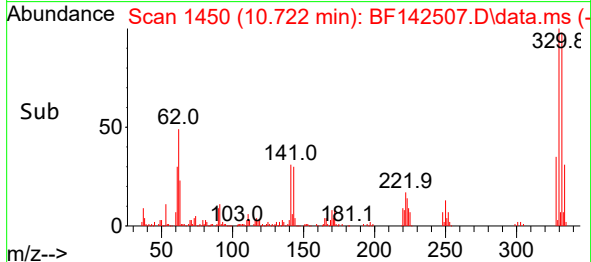
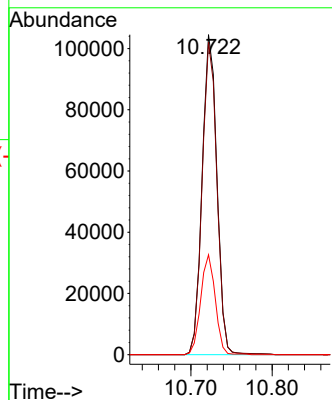
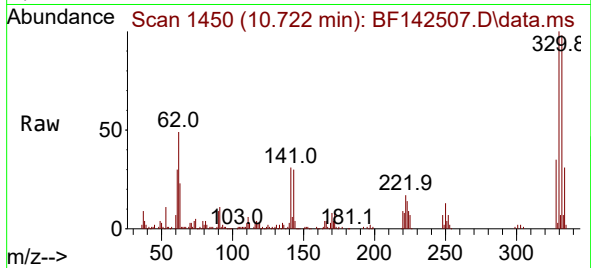




#42
 2,4,6-Tribromophenol
 Concen: 53.998 ng
 RT: 10.722 min Scan# 14
 Delta R.T. -0.017 min
 Lab File: BF142507.D
 Acq: 22 May 2025 13:40

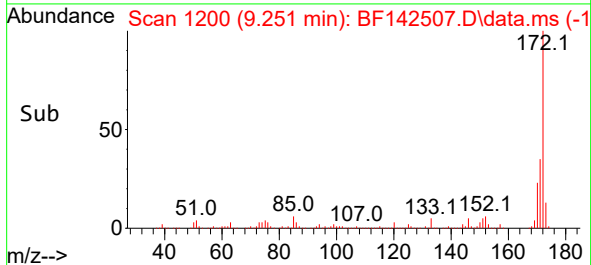
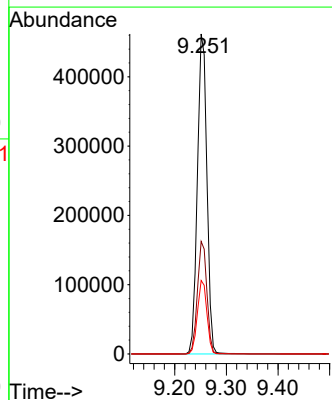
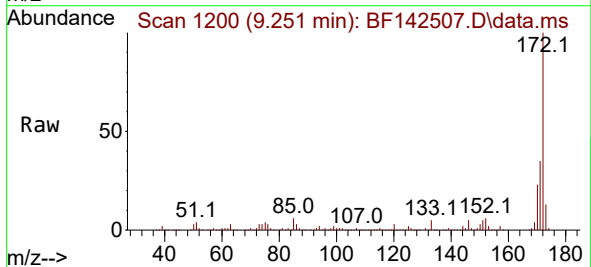
Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-01

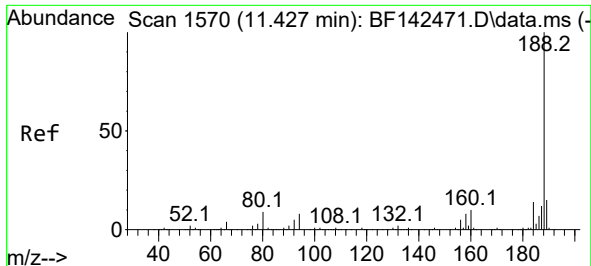
Tgt Ion:330 Resp: 132159
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.6 116.4
 141 30.8 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 35.882 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.017 min
 Lab File: BF142507.D
 Acq: 22 May 2025 13:40

Tgt Ion:172 Resp: 589681
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.0 18.9 28.3

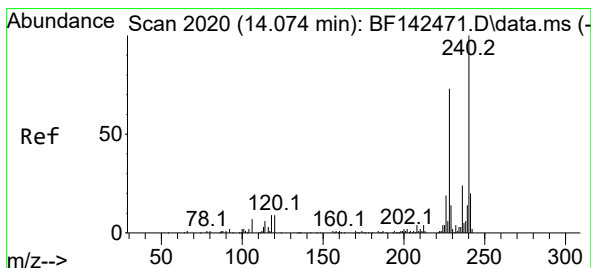
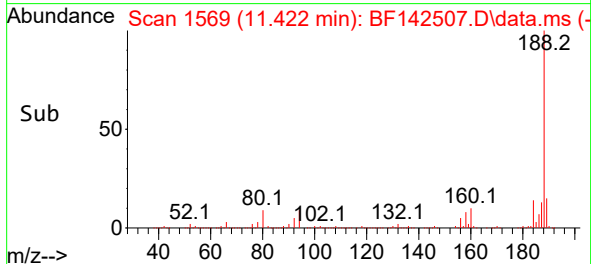
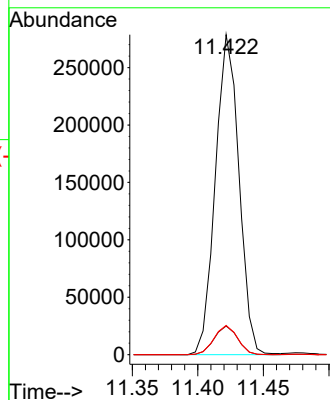
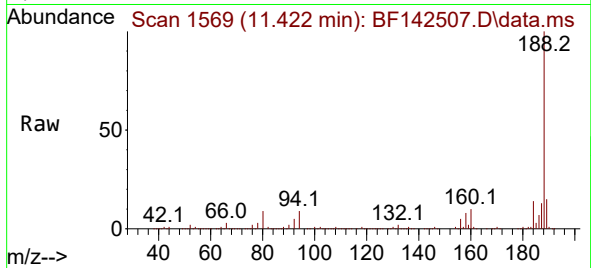




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142507.D
Acq: 22 May 2025 13:40

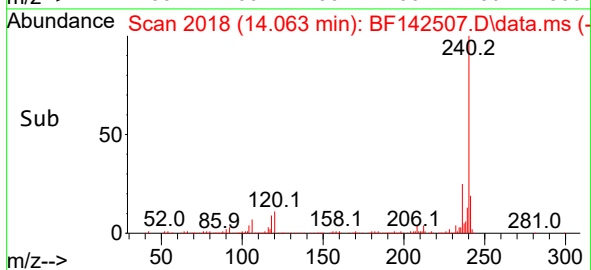
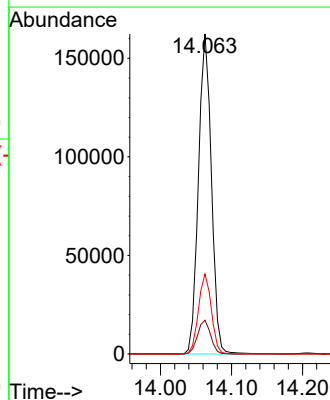
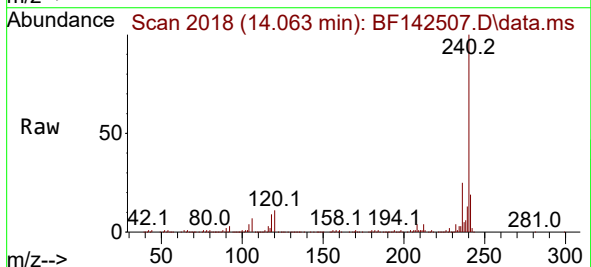
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-01

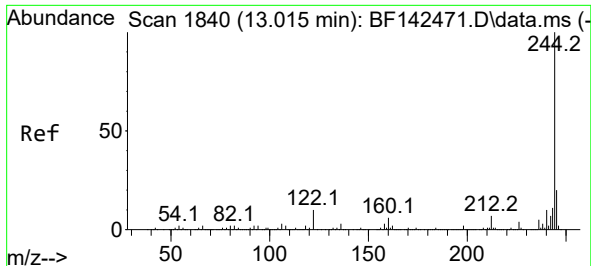
Tgt Ion:188 Resp: 348249
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142507.D
Acq: 22 May 2025 13:40

Tgt Ion:240 Resp: 206434
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 25.0 19.6 29.4

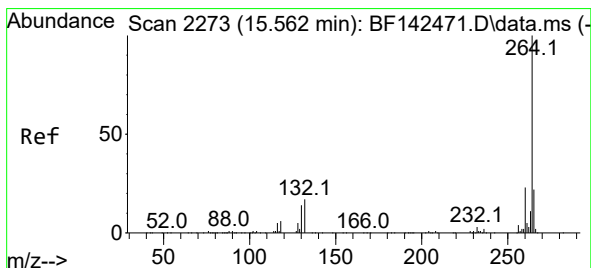
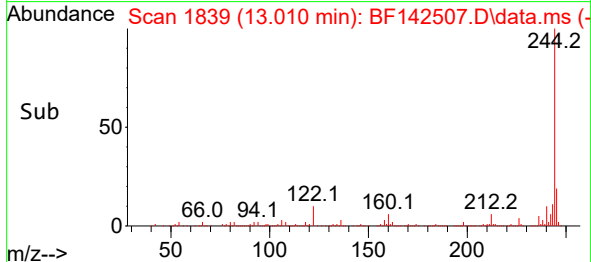
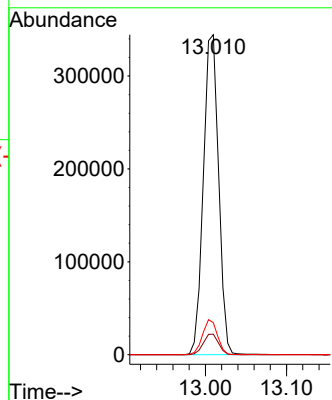
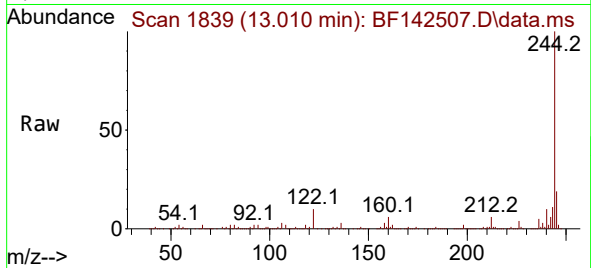




#79
 Terphenyl-d14
 Concen: 29.728 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142507.D
 Acq: 22 May 2025 13:40

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

Tgt Ion:244 Resp: 449075
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.0 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: BF142507.D
 Acq: 22 May 2025 13:40

Tgt Ion:264 Resp: 223955
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.0 17.7 26.5

