

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142492.D
 Acq On : 21 May 2025 17:39
 Operator : RC/JU
 Sample : Q2080-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-02

Quant Time: May 21 18:46:58 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)

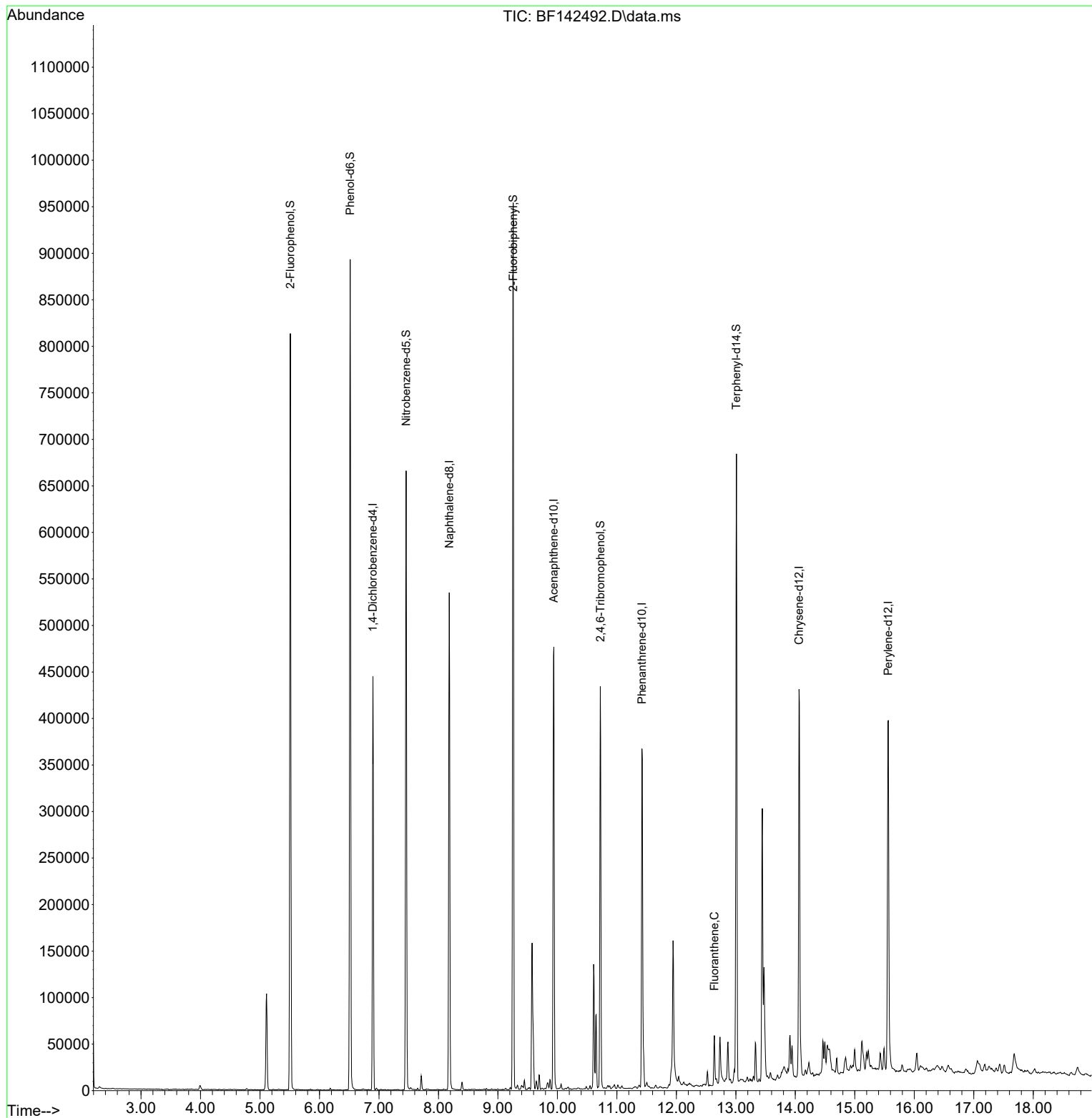
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	94046	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	339995	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	149265	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	196965	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	198206	20.000	ng	-0.01
86) Perylene-d12	15.562	264	228832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	296955	53.197	ng	0.00
7) Phenol-d6	6.516	99	394069	58.645	ng	-0.02
23) Nitrobenzene-d5	7.457	82	273456	43.857	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	72190	43.576	ng	-0.02
45) 2-Fluorobiphenyl	9.257	172	430265	38.680	ng	-0.01
79) Terphenyl-d14	13.010	244	321398	22.159	ng	0.00
Target Compounds						
75) Fluoranthene	12.639	202	30084	3.059	ng	Qvalue 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142492.D
Acq On : 21 May 2025 17:39
Operator : RC/JU
Sample : Q2080-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

Quant Time: May 21 18:46:58 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

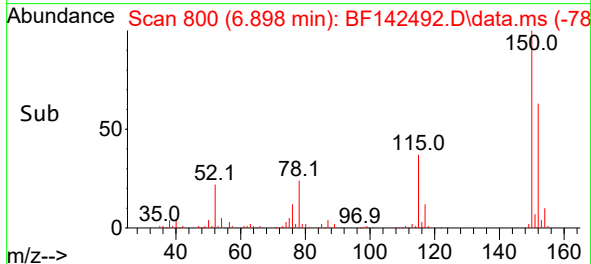
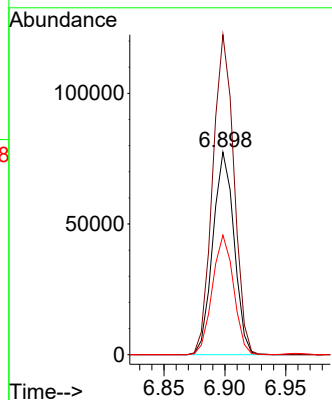
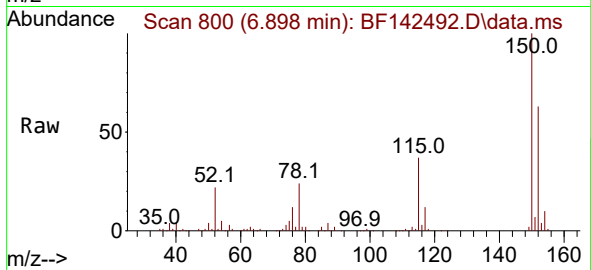




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142492.D
 Acq: 21 May 2025 17:39

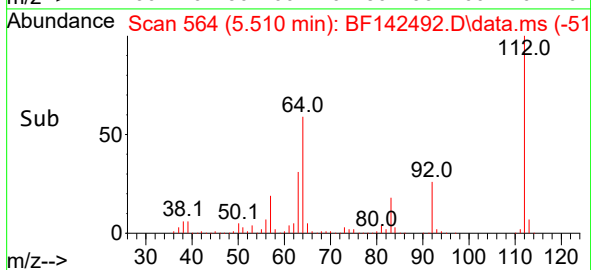
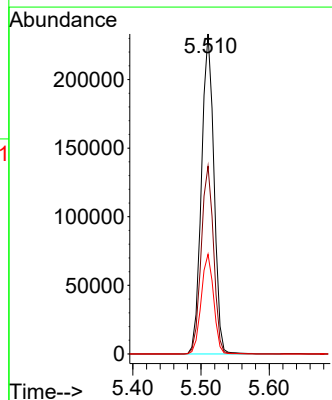
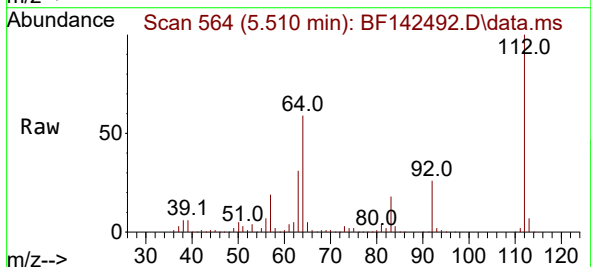
Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-02

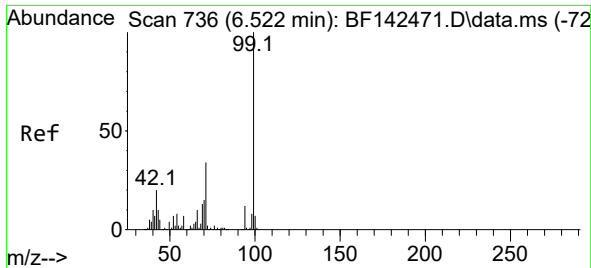
Tgt Ion:152 Resp: 94046
 Ion Ratio Lower Upper
 152 100
 150 157.9 128.2 192.4
 115 59.0 48.3 72.5



#5
 2-Fluorophenol
 Concen: 53.197 ng
 RT: 5.510 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: BF142492.D
 Acq: 21 May 2025 17:39

Tgt Ion:112 Resp: 296955
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.5 71.3
 63 31.2 24.9 37.3

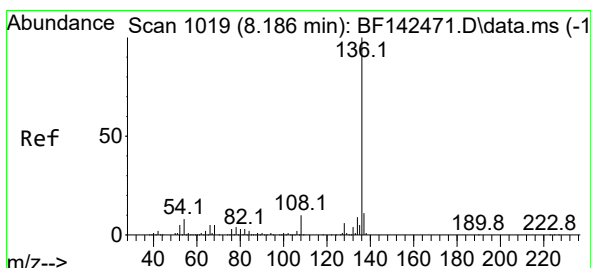
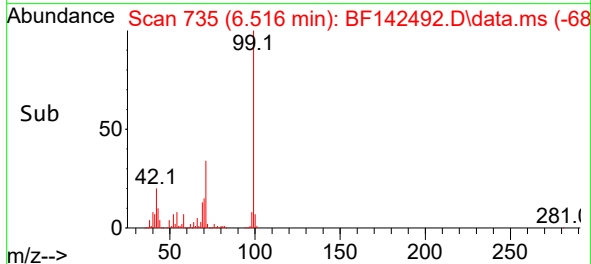
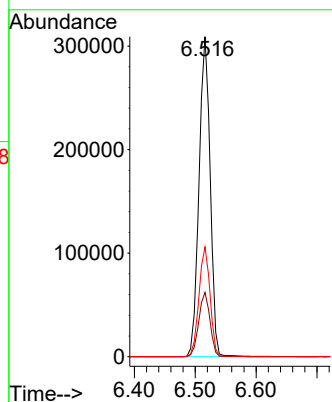
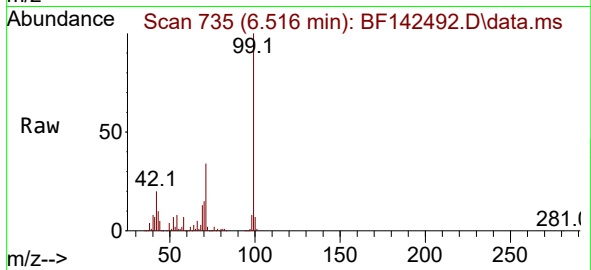




#7
Phenol-d6
Concen: 58.645 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142492.D
Acq: 21 May 2025 17:39

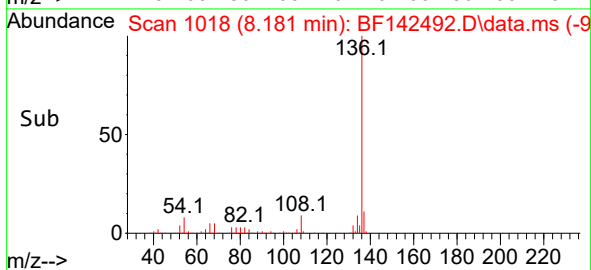
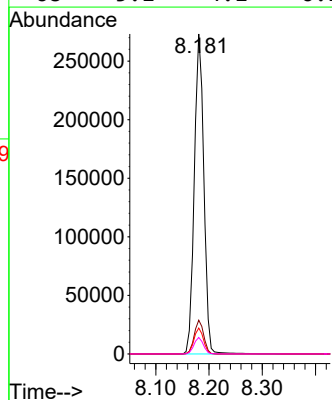
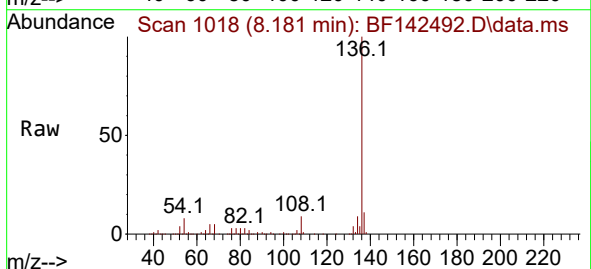
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

Tgt Ion: 99 Resp: 394069
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.2
71 34.3 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: BF142492.D
Acq: 21 May 2025 17:39

Tgt Ion: 136 Resp: 339995
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.1 6.6 10.0
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 43.857 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142492.D

Acq: 21 May 2025 17:39

Instrument :

BNA_F

ClientSampleId :

PL-HRH-COMP-02

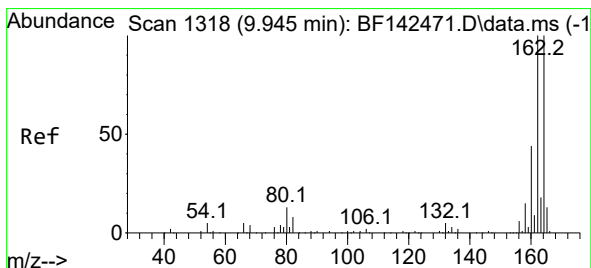
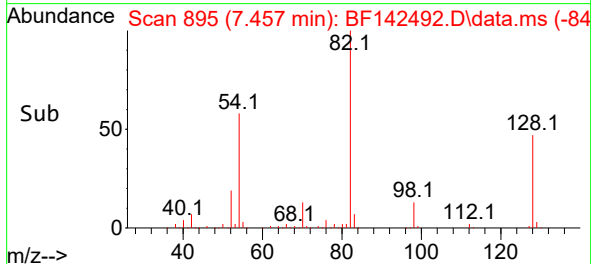
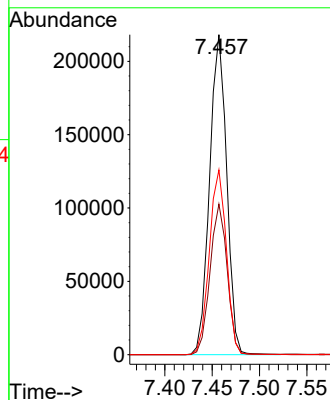
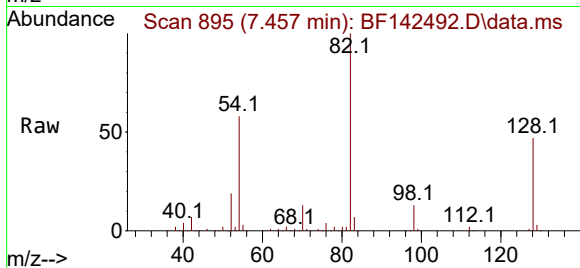
Tgt Ion: 82 Resp: 273456

Ion Ratio Lower Upper

82 100

128 47.0 37.4 56.2

54 57.7 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: BF142492.D

Acq: 21 May 2025 17:39

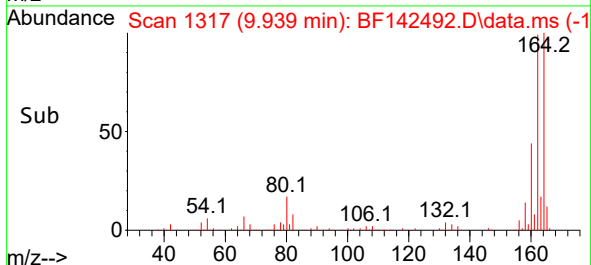
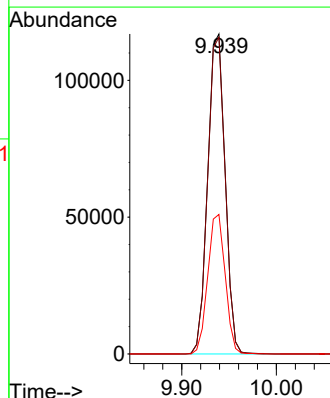
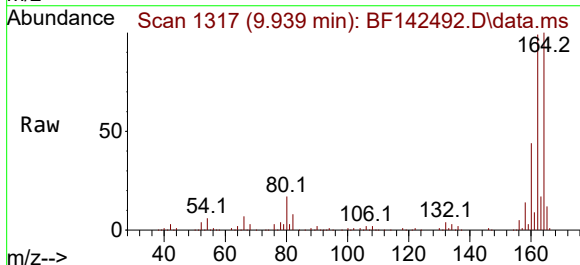
Tgt Ion:164 Resp: 149265

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.4

160 43.6 35.6 53.4

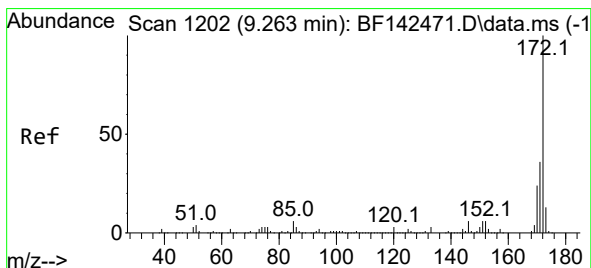
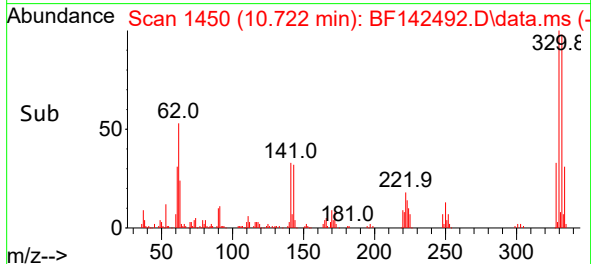
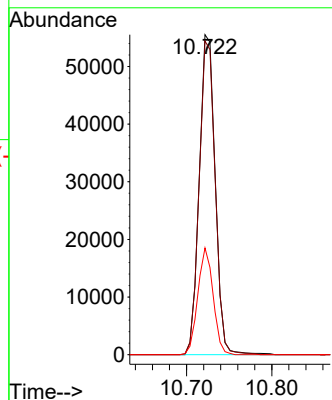
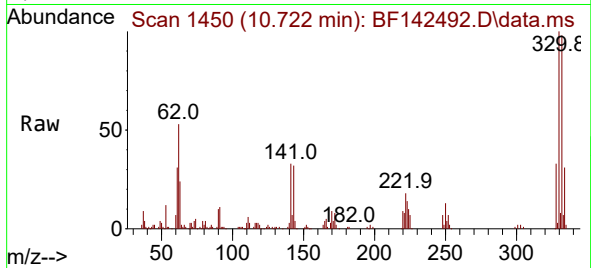




#42
2,4,6-Tribromophenol
Concen: 43.576 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.018 min
Lab File: BF142492.D
Acq: 21 May 2025 17:39

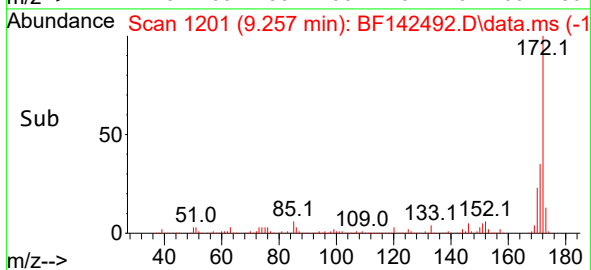
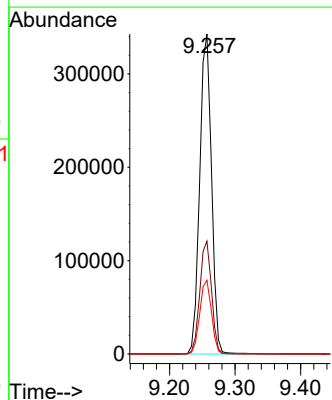
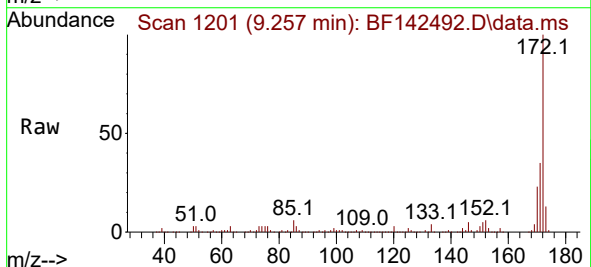
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

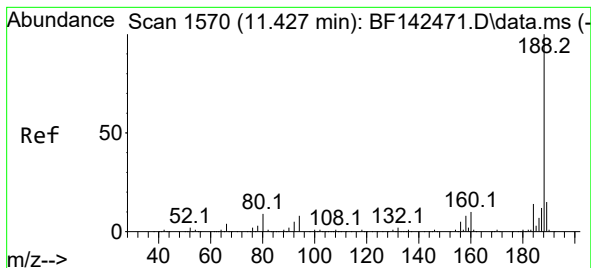
Tgt Ion: 330 Resp: 72190
Ion Ratio Lower Upper
330 100
332 98.2 77.6 116.4
141 32.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 38.680 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142492.D
Acq: 21 May 2025 17:39

Tgt Ion: 172 Resp: 430265
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142492.D

Acq: 21 May 2025 17:39

Instrument :

BNA_F

ClientSampleId :

PL-HRH-COMP-02

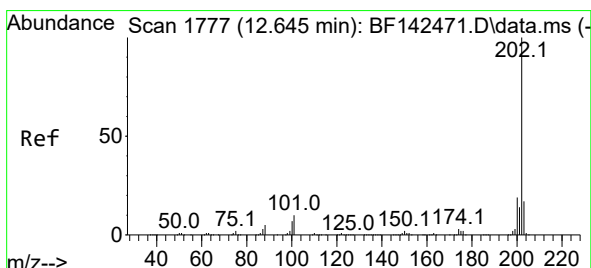
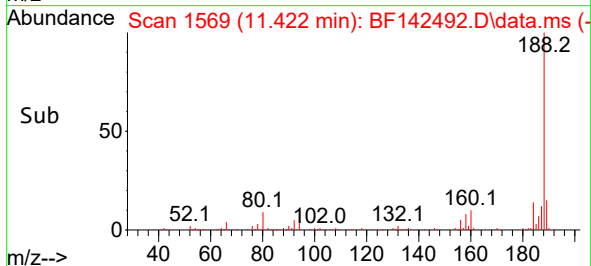
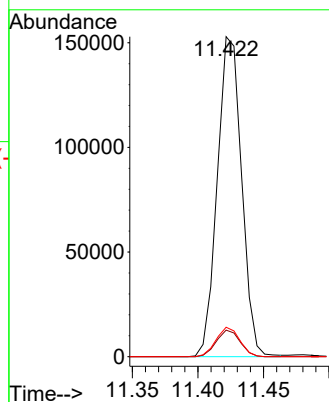
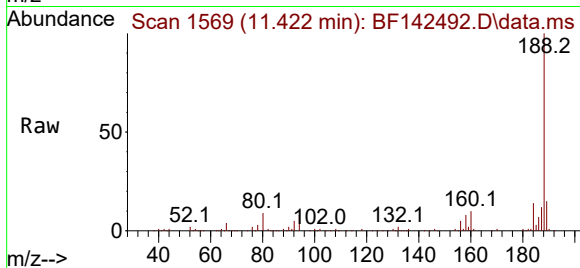
Tgt Ion:188 Resp: 196965

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.2 7.4 11.0



#75

Fluoranthene

Concen: 3.059 ng

RT: 12.639 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF142492.D

Acq: 21 May 2025 17:39

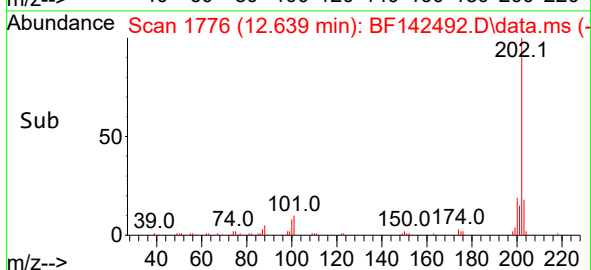
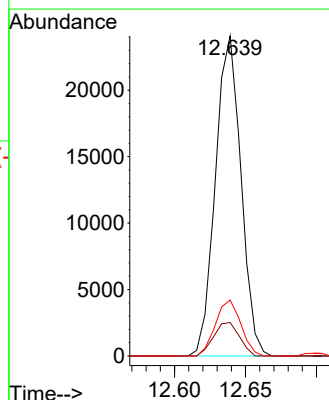
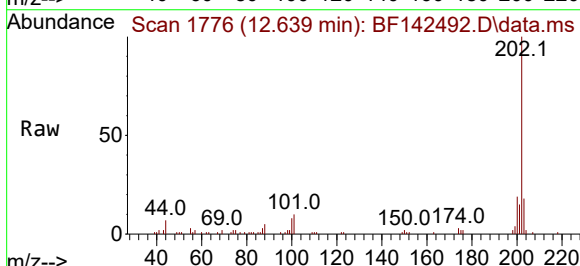
Tgt Ion:202 Resp: 30084

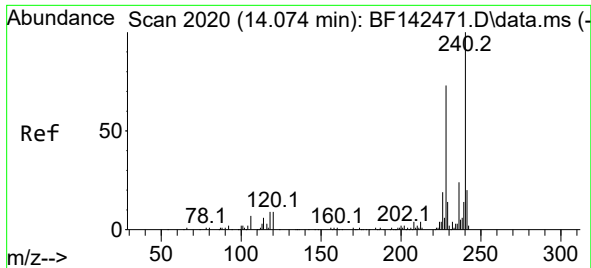
Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.6

203 17.5 0.0 37.2

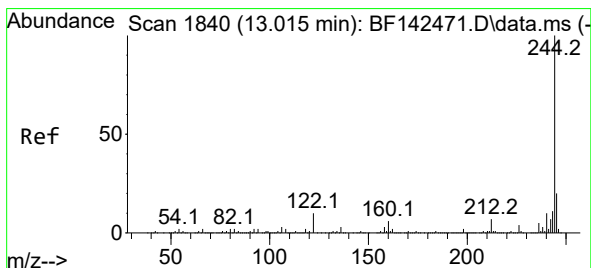
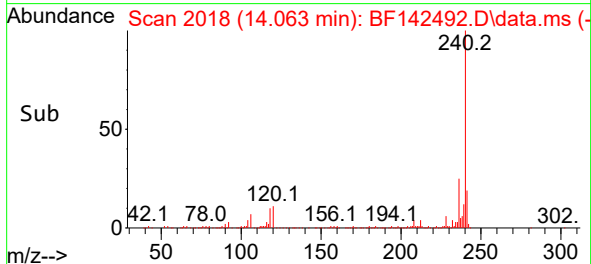
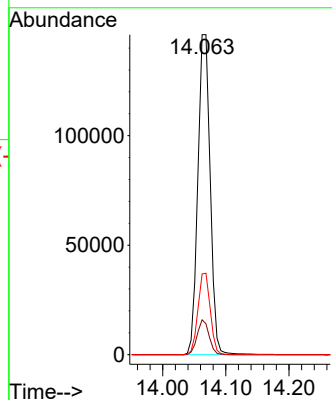
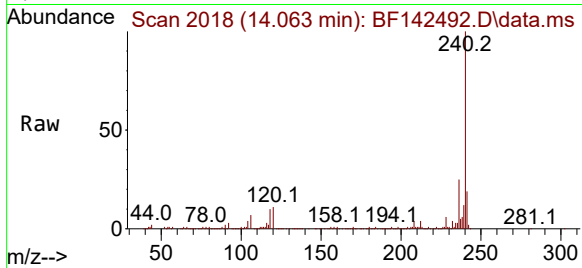




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142492.D
Acq: 21 May 2025 17:39

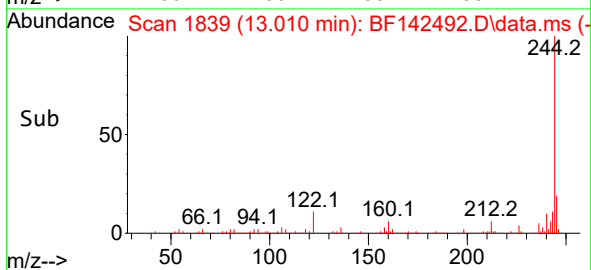
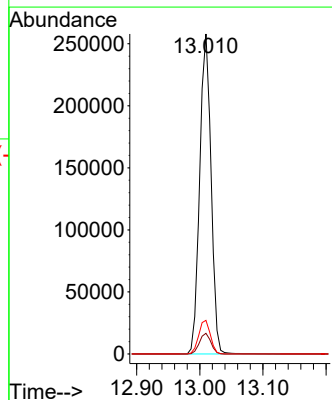
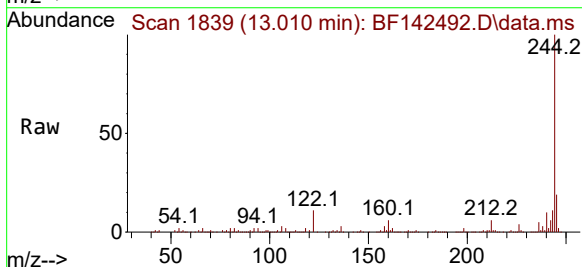
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

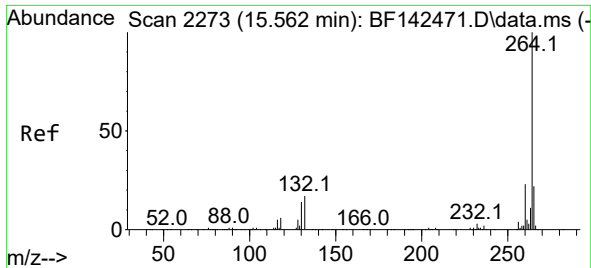
Tgt Ion:240 Resp: 198206
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 25.3 19.6 29.4



#79
Terphenyl-d14
Concen: 22.159 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142492.D
Acq: 21 May 2025 17:39

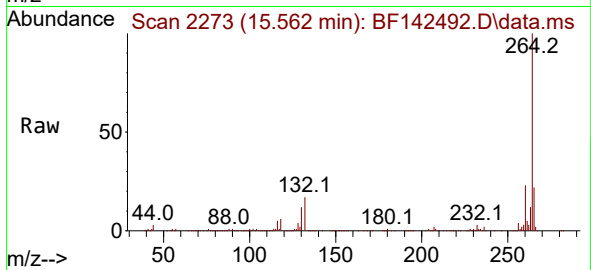
Tgt Ion:244 Resp: 321398
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 10.5 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142492.D
Acq: 21 May 2025 17:39

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02



Tgt Ion:264 Resp: 228832
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.6 17.7 26.5

