

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142763.D
 Acq On : 12 Jun 2025 17:57
 Operator : RC/JU
 Sample : Q2223-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-06042025

Quant Time: Jun 12 18:31:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

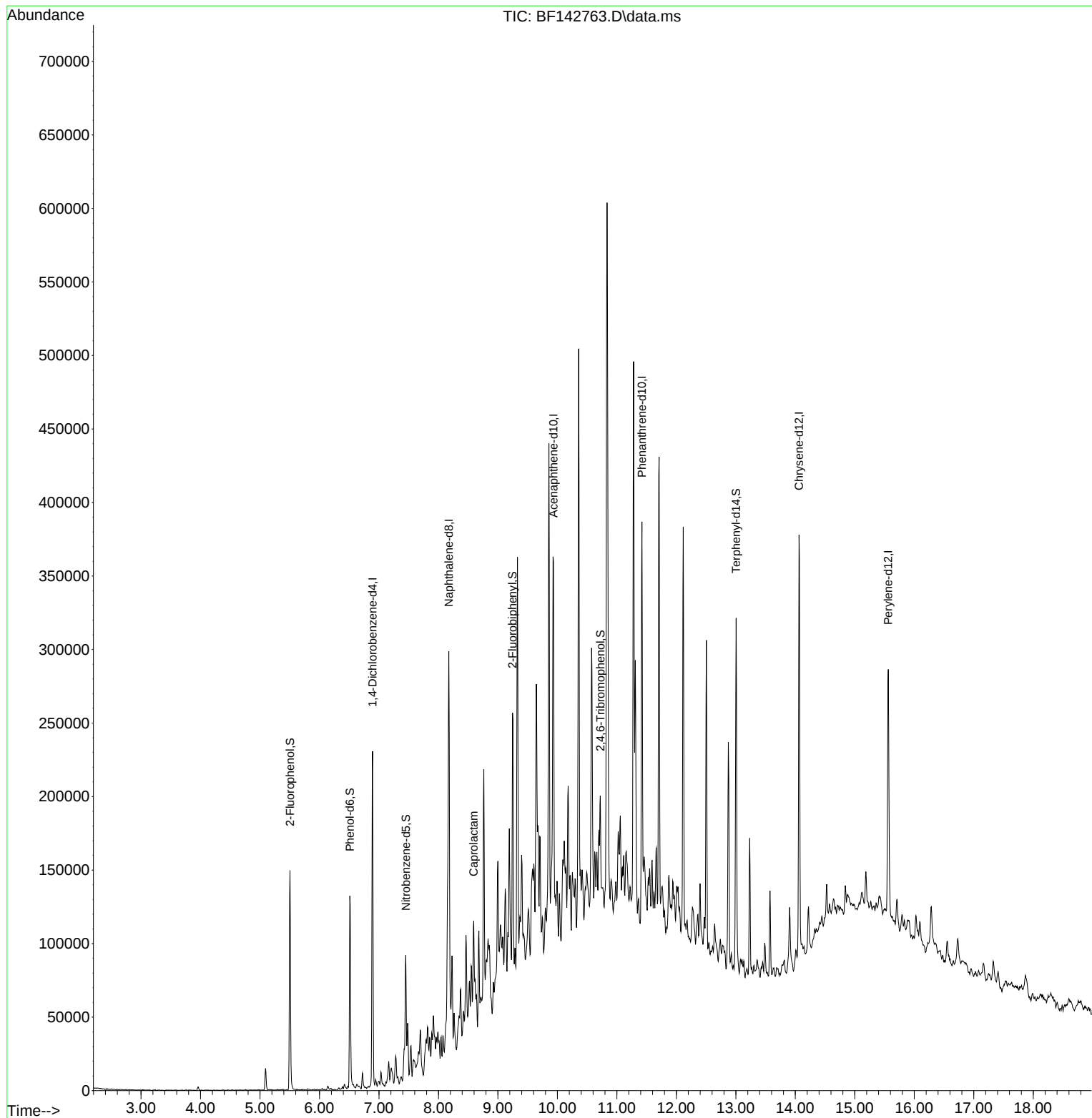
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	51035	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	159992	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	74515	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	133590	20.000	ng	0.00
76) Chrysene-d12	14.063	240	147859	20.000	ng	0.00
86) Perylene-d12	15.563	264	103168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	59988	20.019	ng	0.00
7) Phenol-d6	6.510	99	64505	18.292	ng	-0.01
23) Nitrobenzene-d5	7.451	82	36469	12.475	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	15025	18.398	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	82341	14.681	ng	-0.01
79) Terphenyl-d14	13.004	244	107330	9.970	ng	0.00
Target Compounds						
35) Caprolactam	8.592	113	2725	4.437	ng	Qvalue # 1

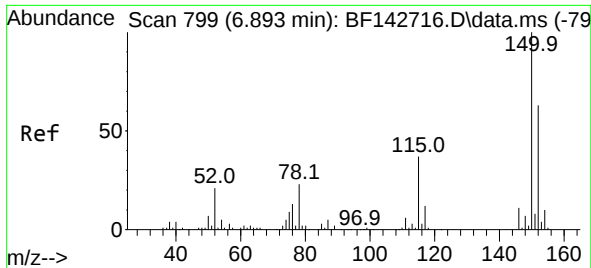
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

Quant Time: Jun 12 18:31:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

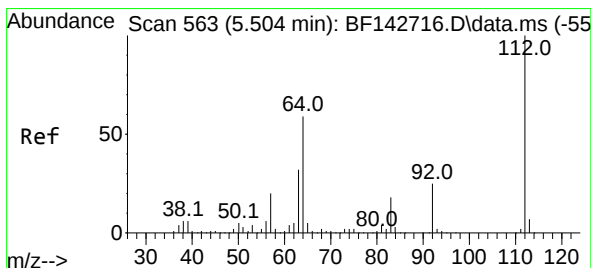
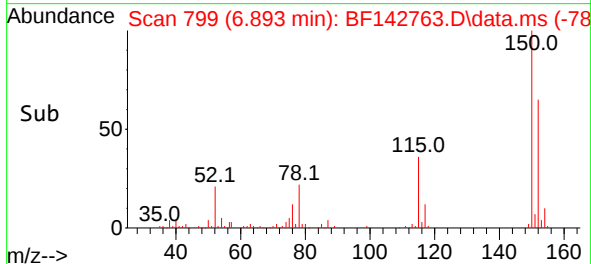
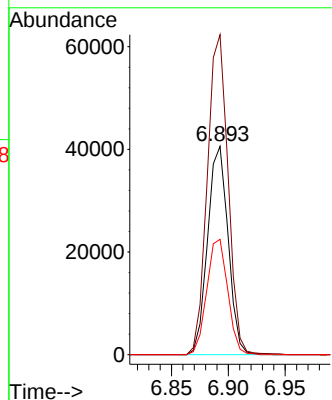
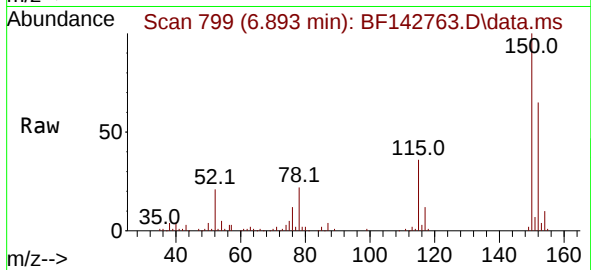




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

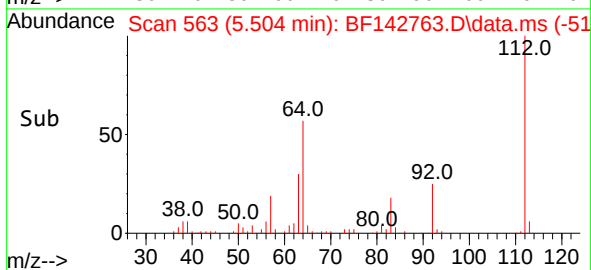
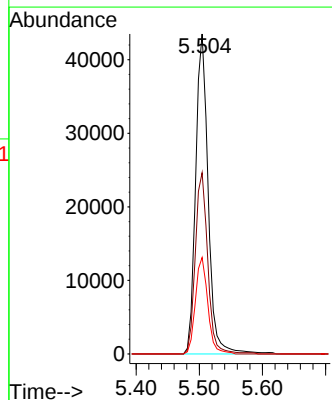
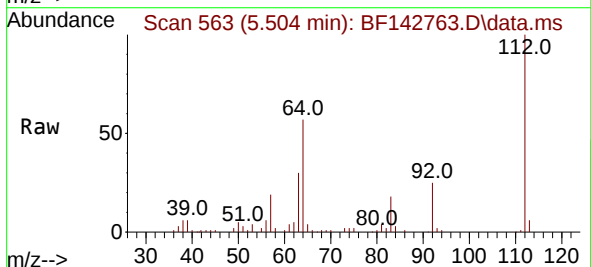
Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

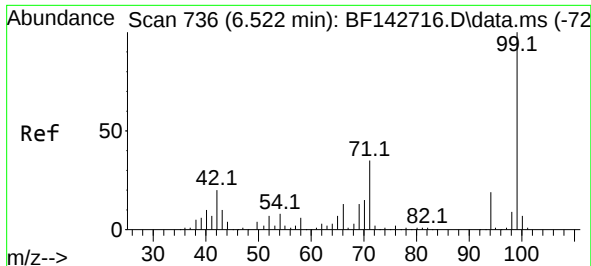
Tgt Ion:152 Resp: 51035
Ion Ratio Lower Upper
152 100
150 153.6 126.9 190.3
115 55.4 47.0 70.6



#5
2-Fluorophenol
Concen: 20.019 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

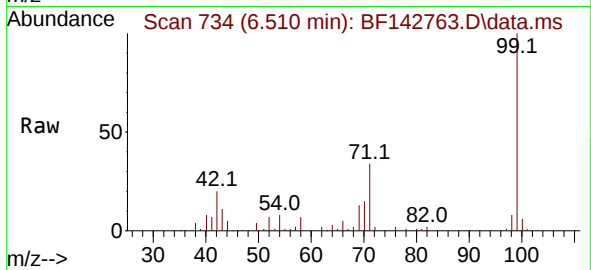
Tgt Ion:112 Resp: 59988
Ion Ratio Lower Upper
112 100
64 56.7 47.4 71.2
63 30.2 25.4 38.0



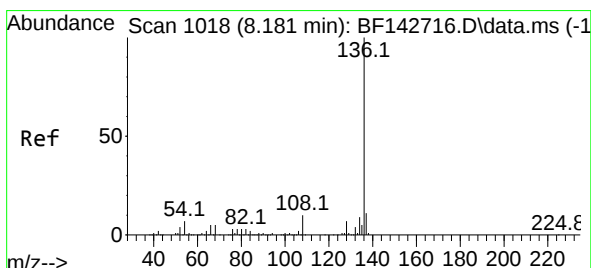
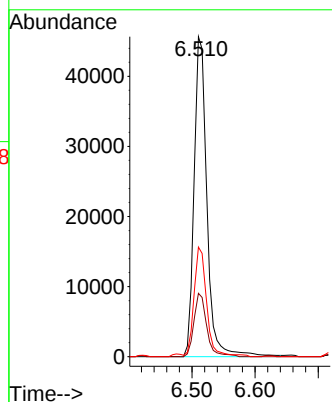
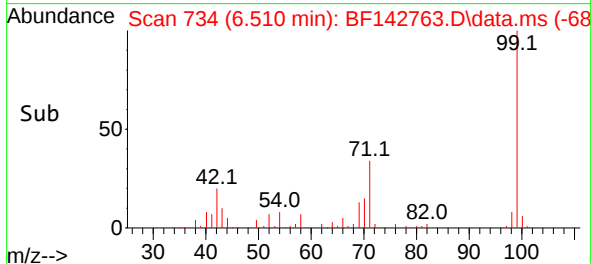


#7
Phenol-d6
Concen: 18.292 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

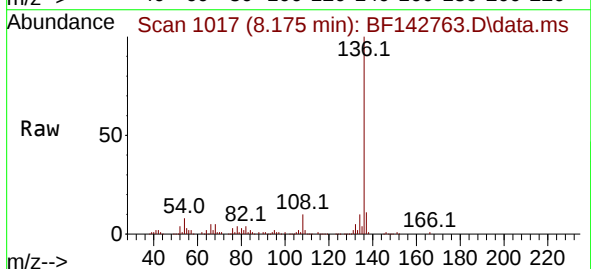
Instrument :
BNA_F
ClientSampleId :
HR-04-06042025



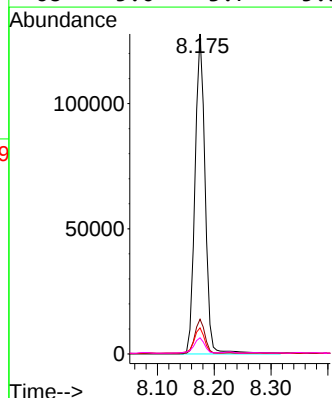
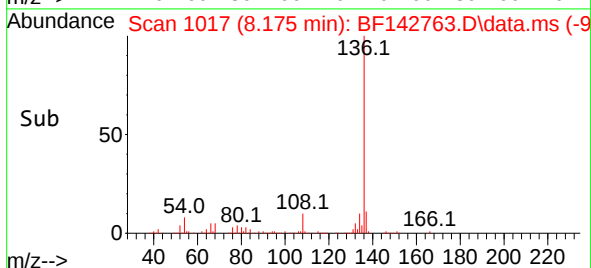
Tgt Ion: 99 Resp: 64505
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 34.2 28.0 42.0

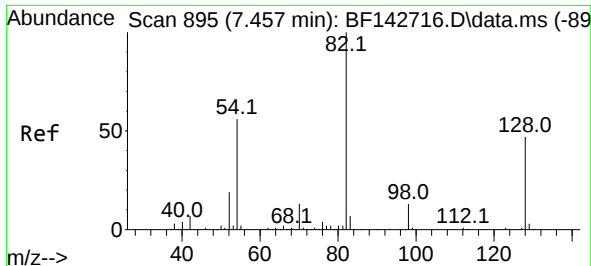


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57



Tgt Ion: 136 Resp: 159992
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.2 5.9 8.9
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 12.475 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142763.D

Acq: 12 Jun 2025 17:57

Instrument :

BNA_F

ClientSampleId :

HR-04-06042025

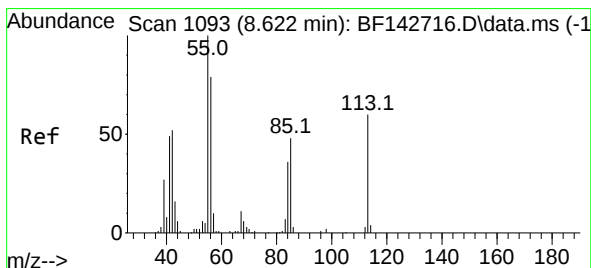
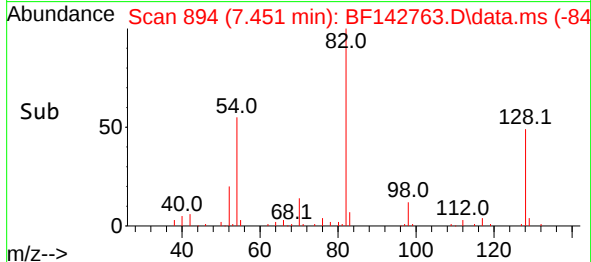
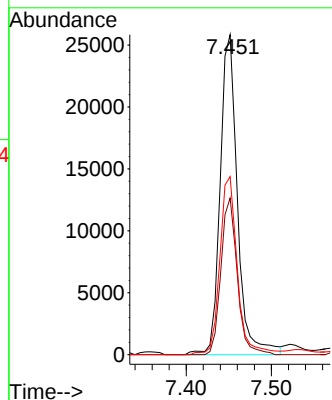
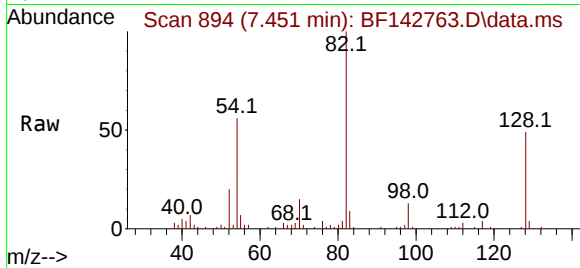
Tgt Ion: 82 Resp: 36469

Ion Ratio Lower Upper

82 100

128 49.0 37.8 56.8

54 55.7 44.9 67.3



#35

Caprolactam

Concen: 4.437 ng

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF142763.D

Acq: 12 Jun 2025 17:57

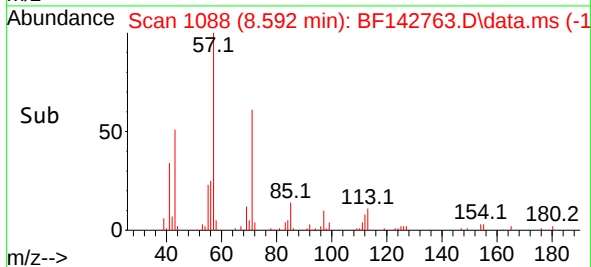
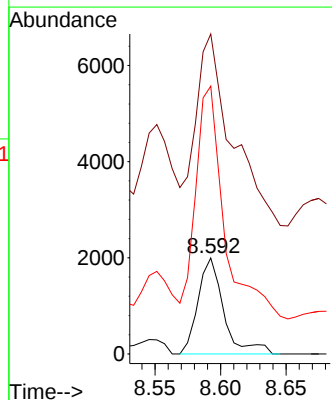
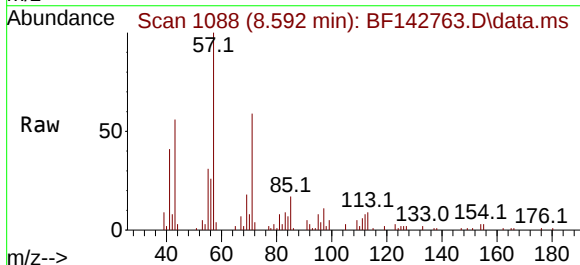
Tgt Ion: 113 Resp: 2725

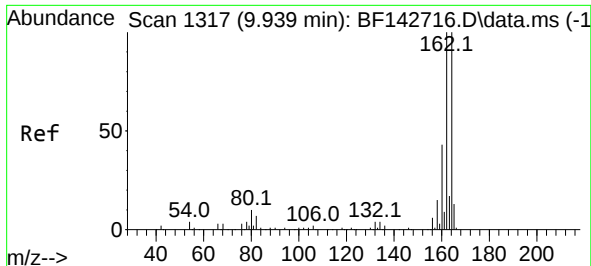
Ion Ratio Lower Upper

113 100

55 333.3 147.9 187.9#

56 279.0 111.9 151.9#

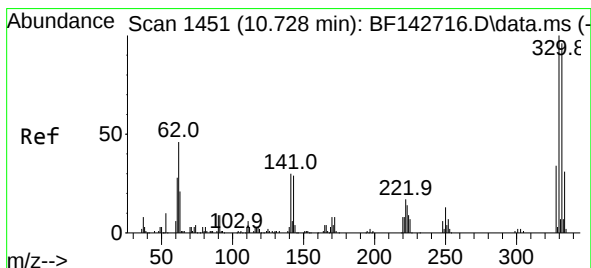
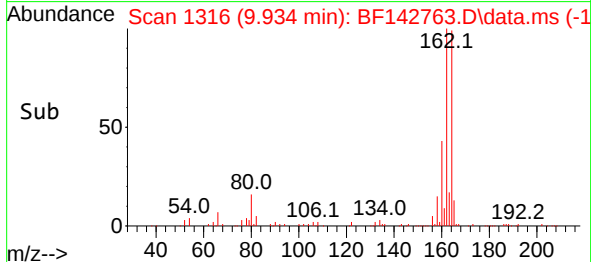
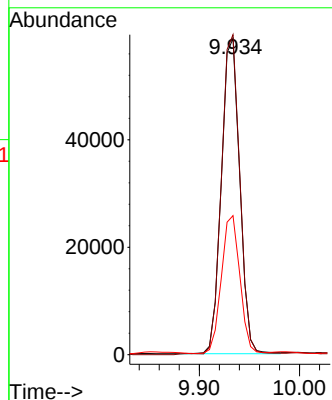
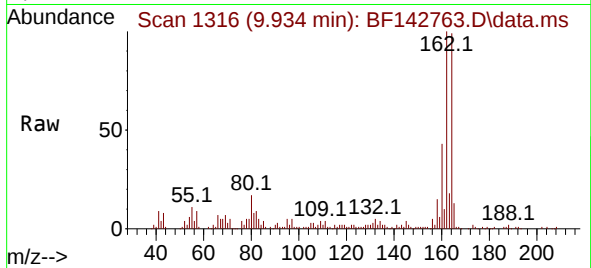




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

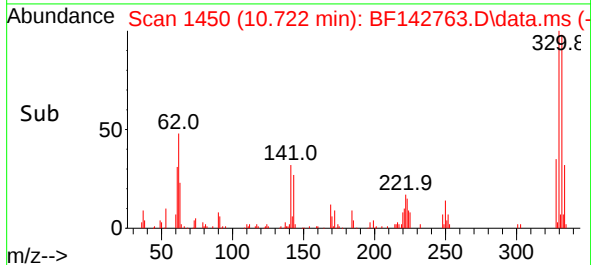
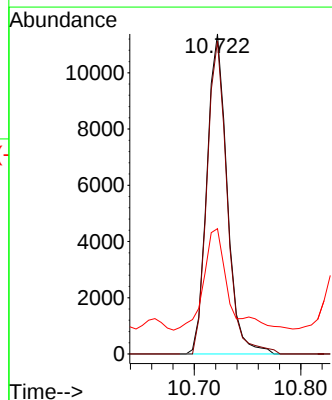
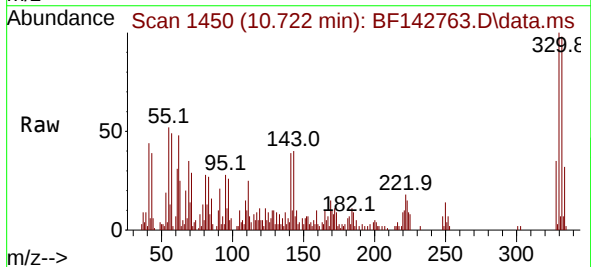
Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

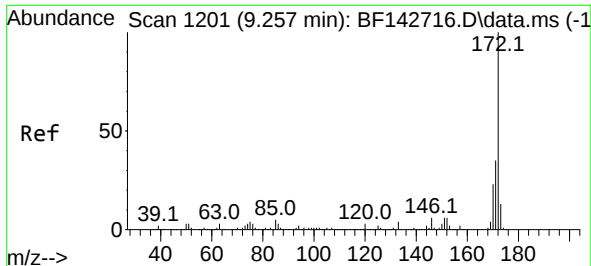
Tgt Ion:164 Resp: 74515
Ion Ratio Lower Upper
164 100
162 101.2 79.9 119.9
160 44.0 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 18.398 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

Tgt Ion:330 Resp: 15025
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 38.2 25.4 38.0#





#45

2-Fluorobiphenyl

Concen: 14.681 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF142763.D

Acq: 12 Jun 2025 17:57

Instrument :

BNA_F

ClientSampleId :

HR-04-06042025

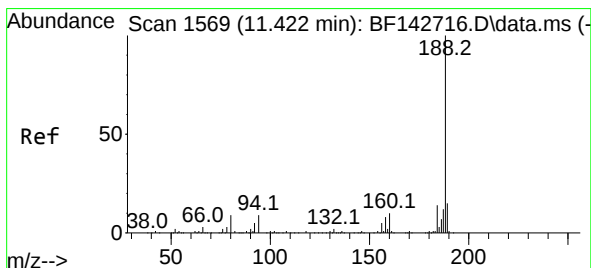
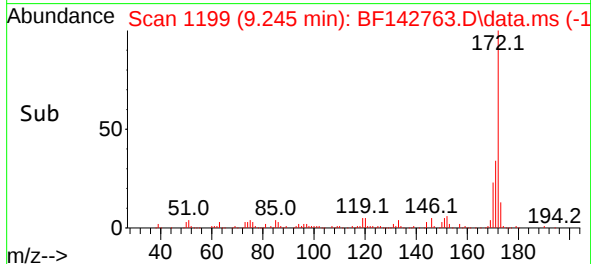
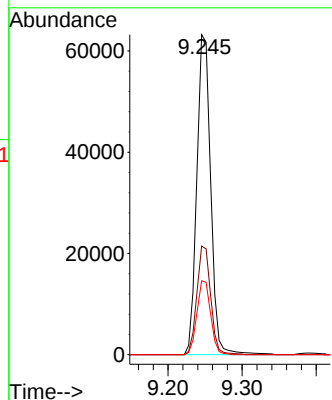
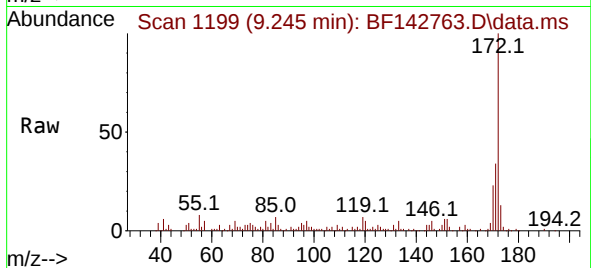
Tgt Ion:172 Resp: 82341

Ion Ratio Lower Upper

172 100

171 34.0 28.1 42.1

170 23.1 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF142763.D

Acq: 12 Jun 2025 17:57

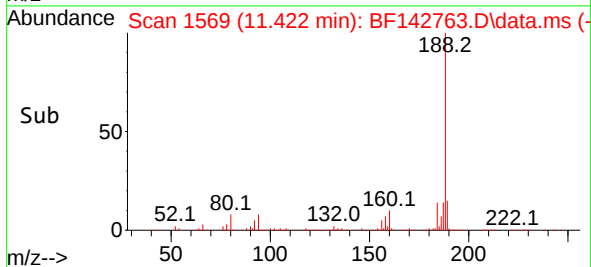
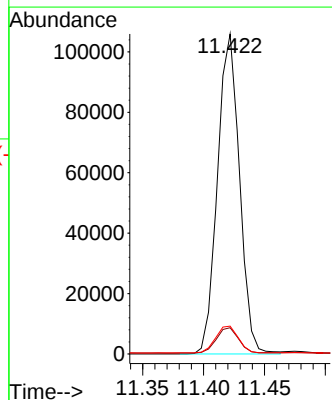
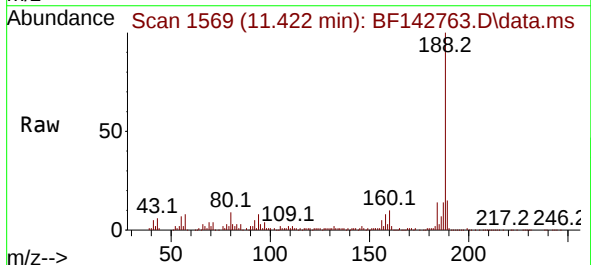
Tgt Ion:188 Resp: 133590

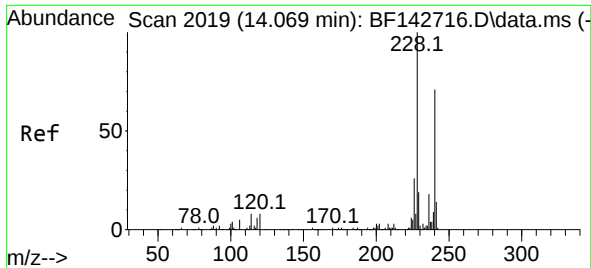
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.7 7.1 10.7

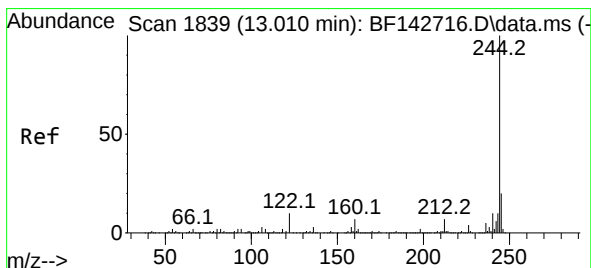
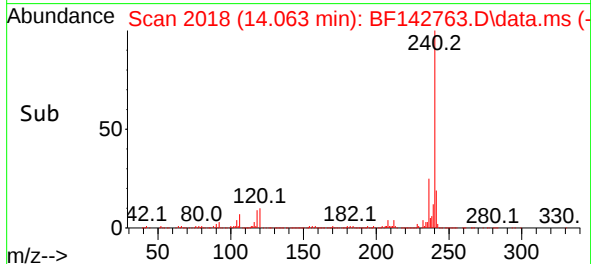
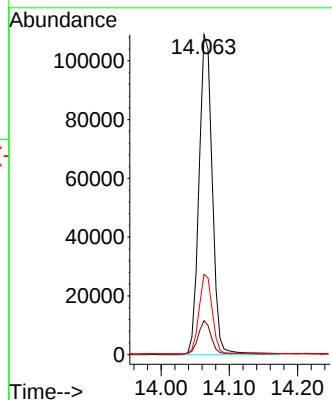
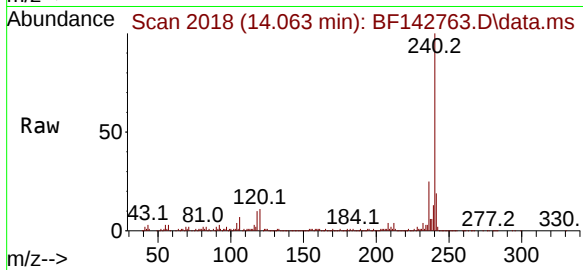




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

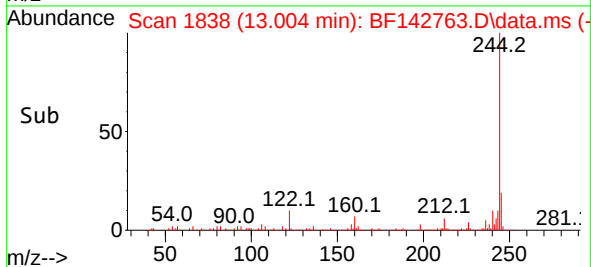
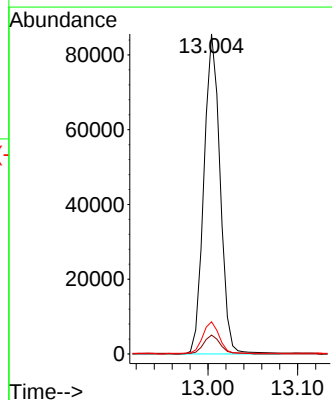
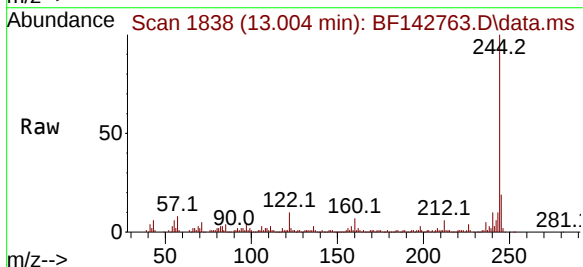
Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

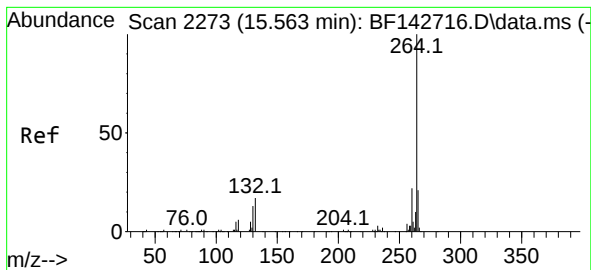
Tgt Ion:240 Resp: 147859
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 25.1 20.1 30.1



#79
Terphenyl-d14
Concen: 9.970 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

Tgt Ion:244 Resp: 107330
Ion Ratio Lower Upper
244 100
212 5.9 5.4 8.0
122 10.1 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142763.D
Acq: 12 Jun 2025 17:57

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

Tgt Ion:264 Resp: 103168

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.8	26.6
265	21.7	16.6	25.0

