

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142667.D
 Acq On : 07 Jun 2025 03:08
 Operator : RC/JU
 Sample : Q2226-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP06-MHI-WC

Quant Time: Jun 07 04:28:27 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	6.892	152	132075	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	496077	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	253177	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	367453	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	245585	20.000	ng	-0.01
86) Perylene-d12	15.557	264	284666	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	590007	75.262	ng	0.00
7) Phenol-d6	6.516	99	737588	78.161	ng	-0.02
23) Nitrobenzene-d5	7.451	82	426115	46.839	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	195924	69.725	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	858368	45.494	ng	-0.02
79) Terphenyl-d14	13.004	244	620728	34.540	ng	-0.01

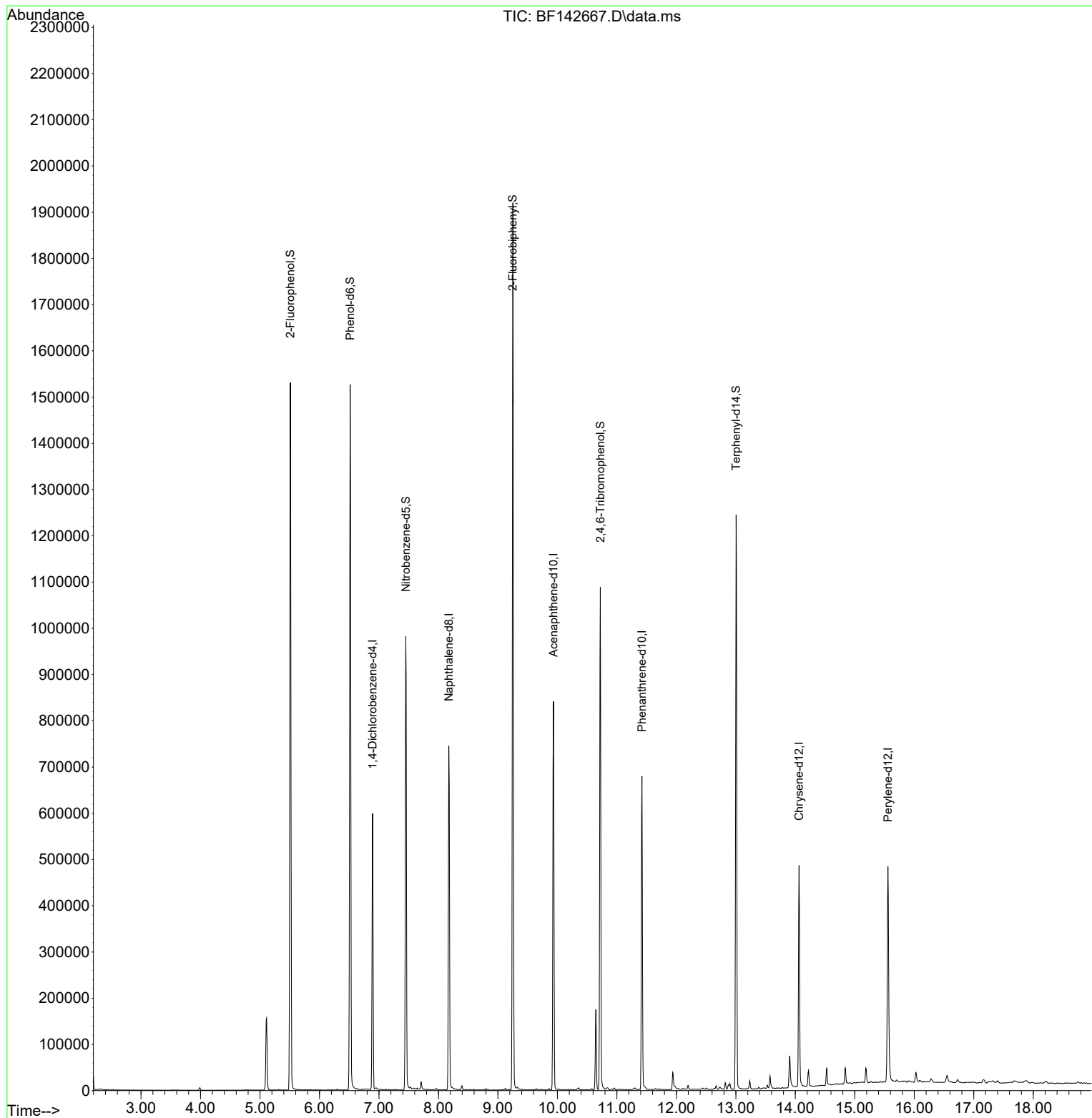
Target Compounds	Qvalue

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

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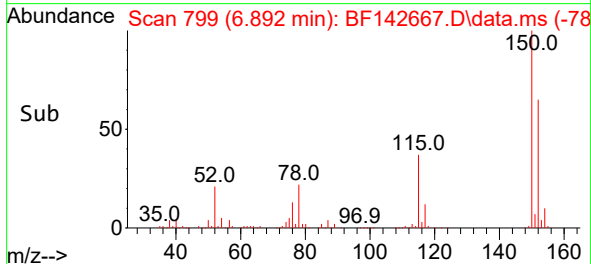
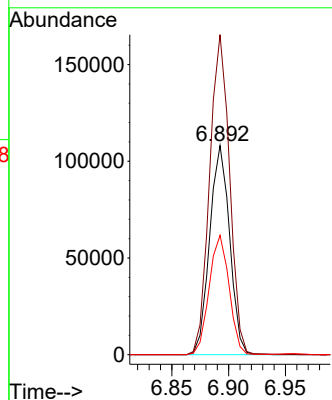
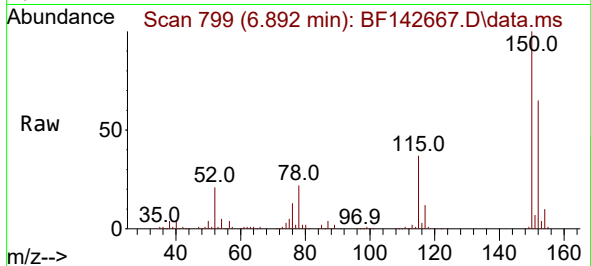




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

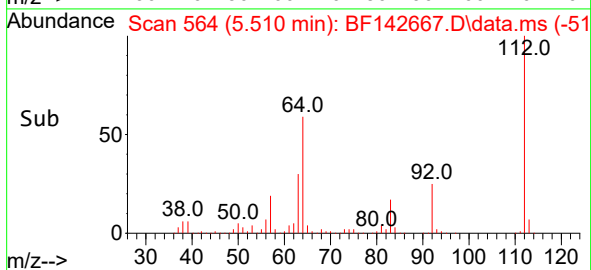
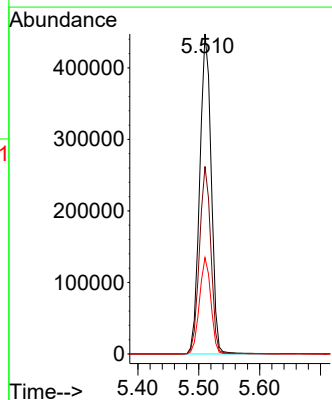
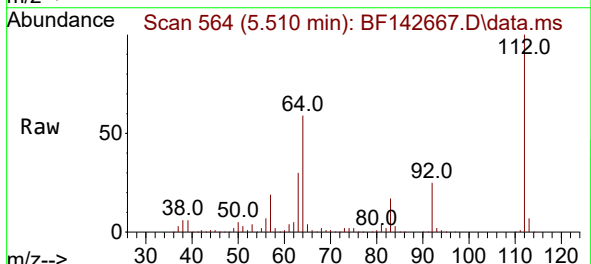
Instrument :
BNA_F
ClientSampleId :
TP06-MHI-WC

Tgt Ion:152 Resp: 132075
Ion Ratio Lower Upper
152 100
150 153.0 128.2 192.4
115 57.1 48.3 72.5



#5
2-Fluorophenol
Concen: 75.262 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

Tgt Ion:112 Resp: 590007
Ion Ratio Lower Upper
112 100
64 58.6 47.5 71.3
63 30.1 24.9 37.3

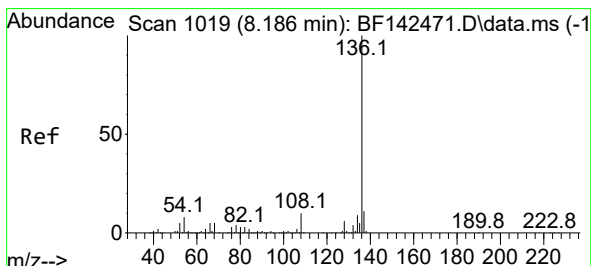
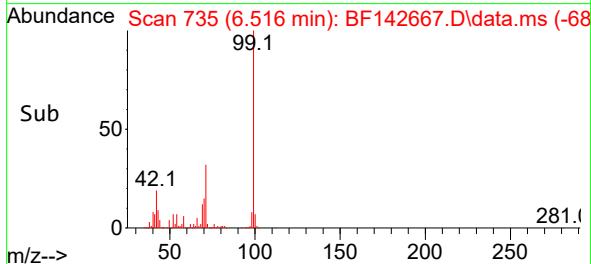
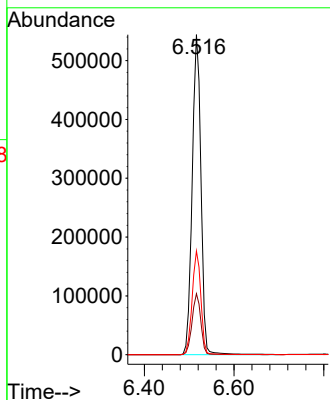
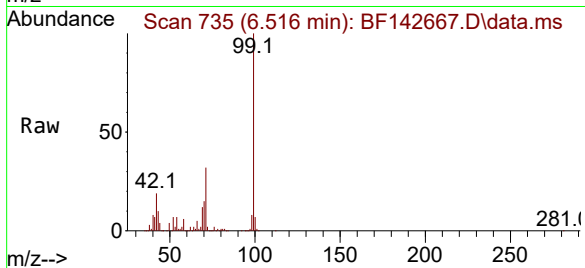




#7
Phenol-d6
Concen: 78.161 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

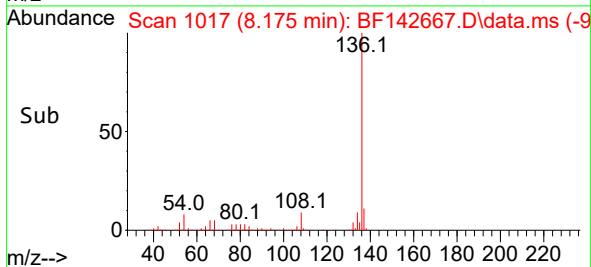
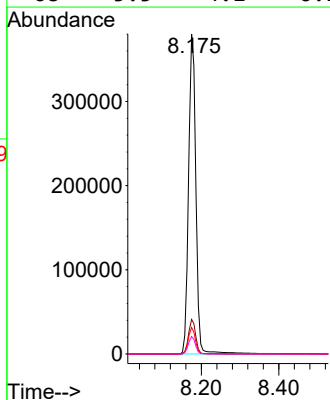
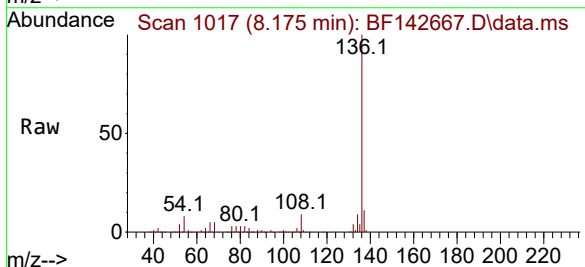
Instrument :
BNA_F
ClientSampleId :
TP06-MHI-WC

Tgt Ion: 99 Resp: 737588
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.4 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

Tgt Ion: 136 Resp: 496077
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 46.839 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF142667.D

Acq: 07 Jun 2025 03:08

Instrument :

BNA_F

ClientSampleId :

TP06-MHI-WC

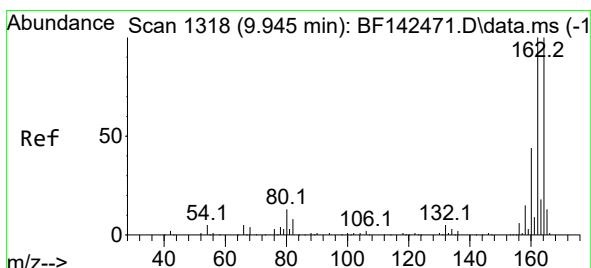
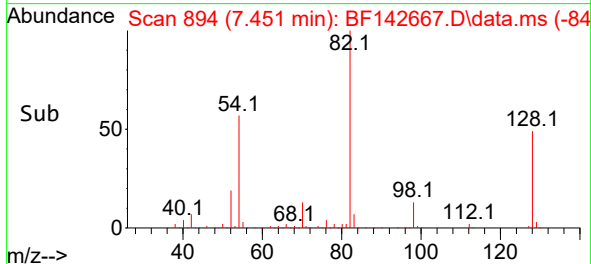
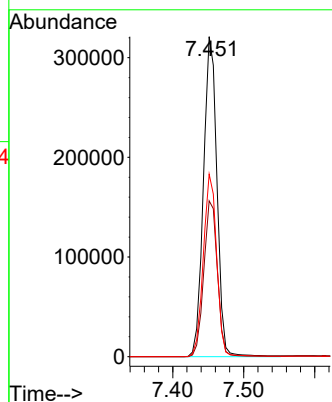
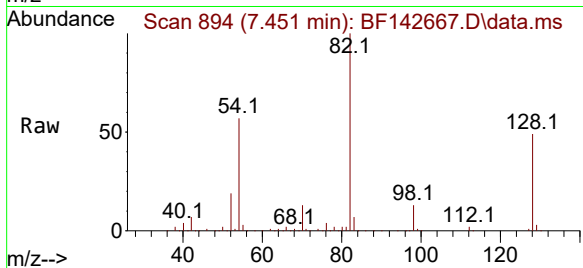
Tgt Ion: 82 Resp: 426115

Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 57.1 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: BF142667.D

Acq: 07 Jun 2025 03:08

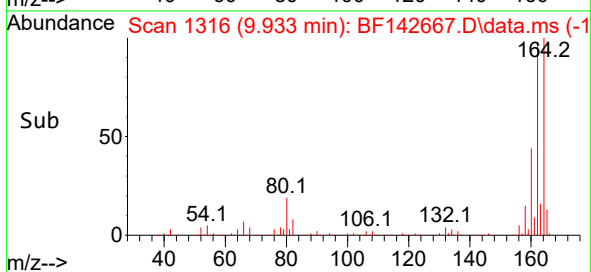
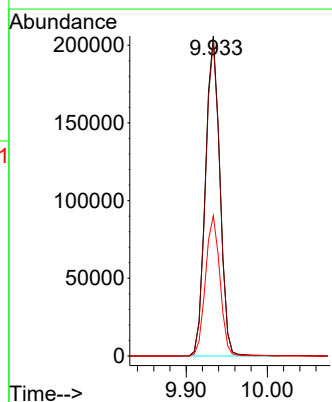
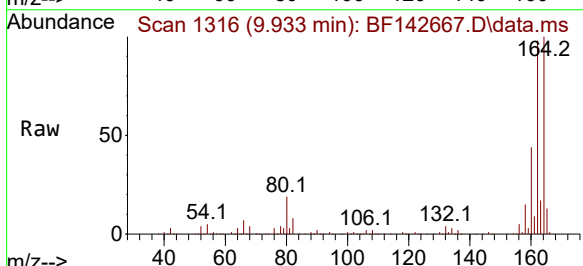
Tgt Ion:164 Resp: 253177

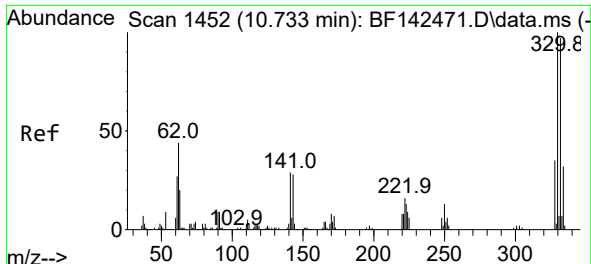
Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.4

160 43.8 35.6 53.4

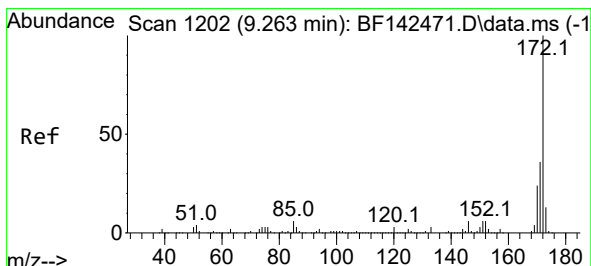
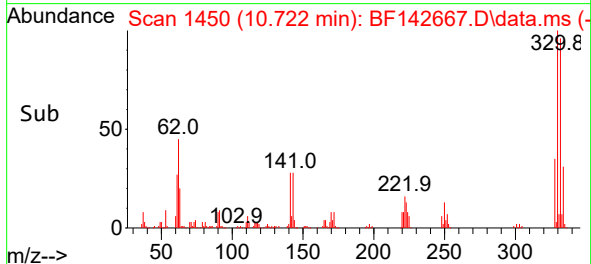
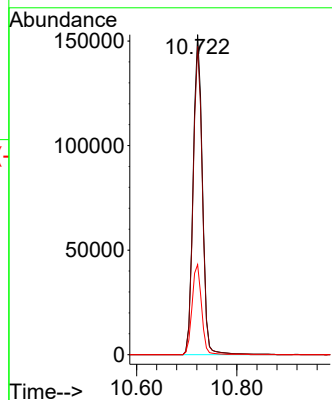
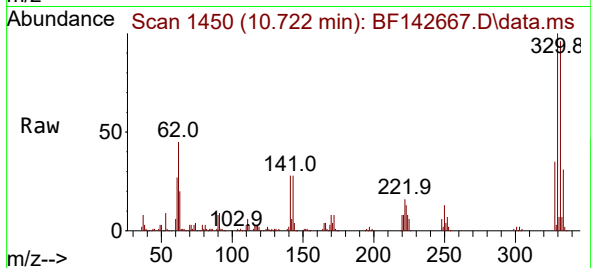




#42
2,4,6-Tribromophenol
Concen: 69.725 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.018 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

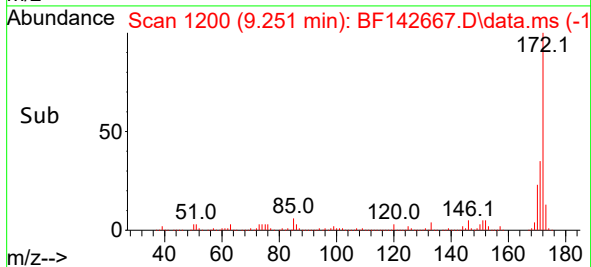
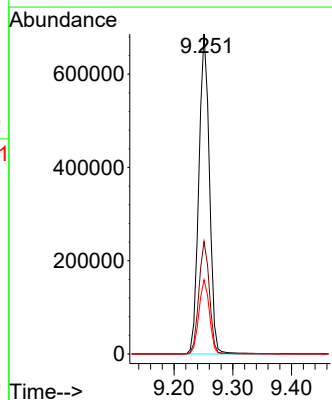
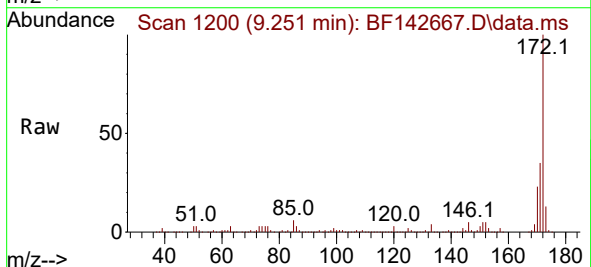
Instrument :
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TP06-MHI-WC

Tgt Ion: 330 Resp: 195924
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 29.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 45.494 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

Tgt Ion: 172 Resp: 858368
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.2 18.9 28.3

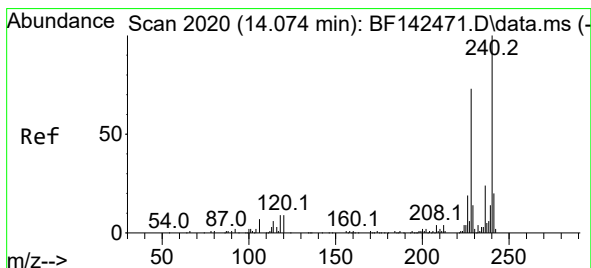
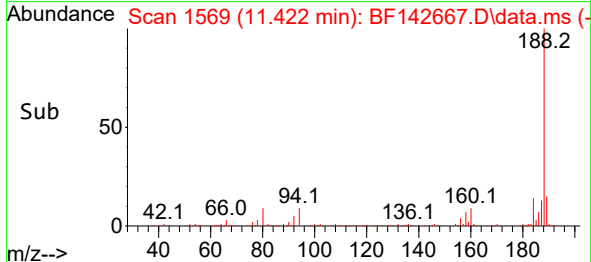
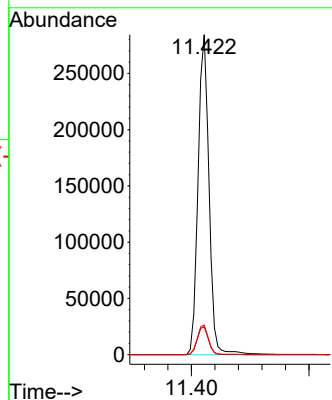
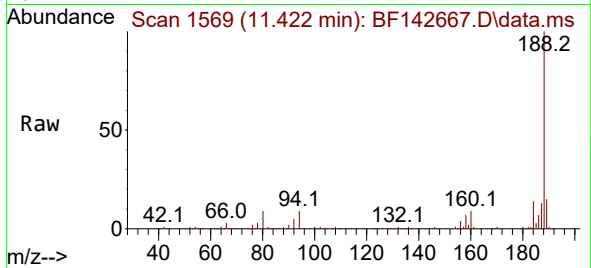




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

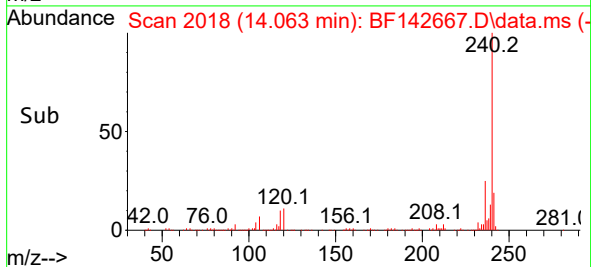
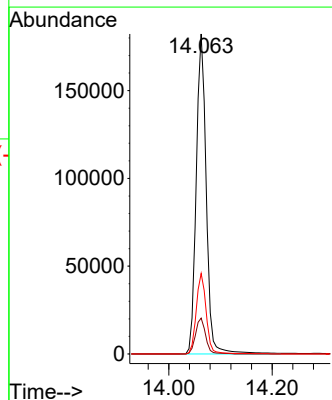
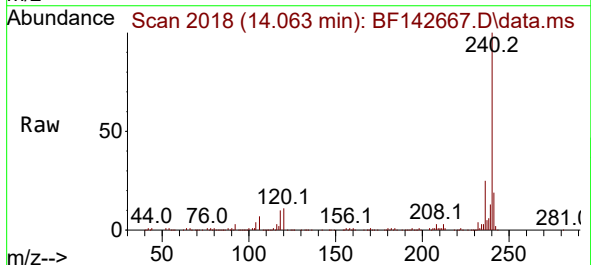
Instrument :
BNA_F
ClientSampleId :
TP06-MHI-WC

Tgt Ion:188 Resp: 367453
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.2 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: BF142667.D
Acq: 07 Jun 2025 03:08

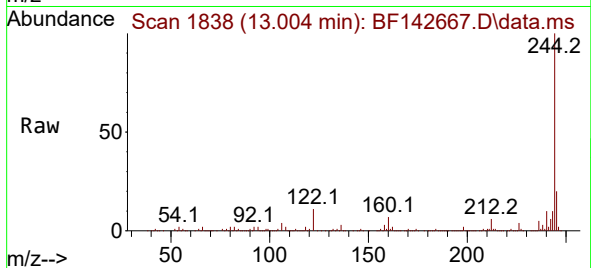
Tgt Ion:240 Resp: 245585
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 25.1 19.6 29.4



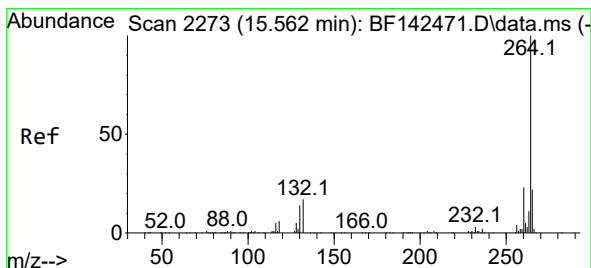
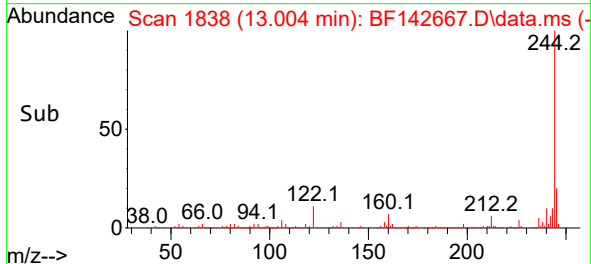
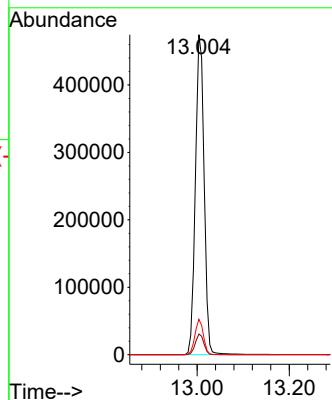


#79
Terphenyl-d14
Concen: 34.540 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF142667.D
Acq: 07 Jun 2025 03:08

Instrument :
BNA_F
ClientSampleId :
TP06-MHI-WC



Tgt Ion:244 Resp: 620728
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 11.0 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: BF142667.D
Acq: 07 Jun 2025 03:08

Tgt Ion:264 Resp: 284666
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.7 17.7 26.5

