

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142578.D
 Acq On : 30 May 2025 19:15
 Operator : RC/JU
 Sample : Q2151-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 30 22:28:48 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)

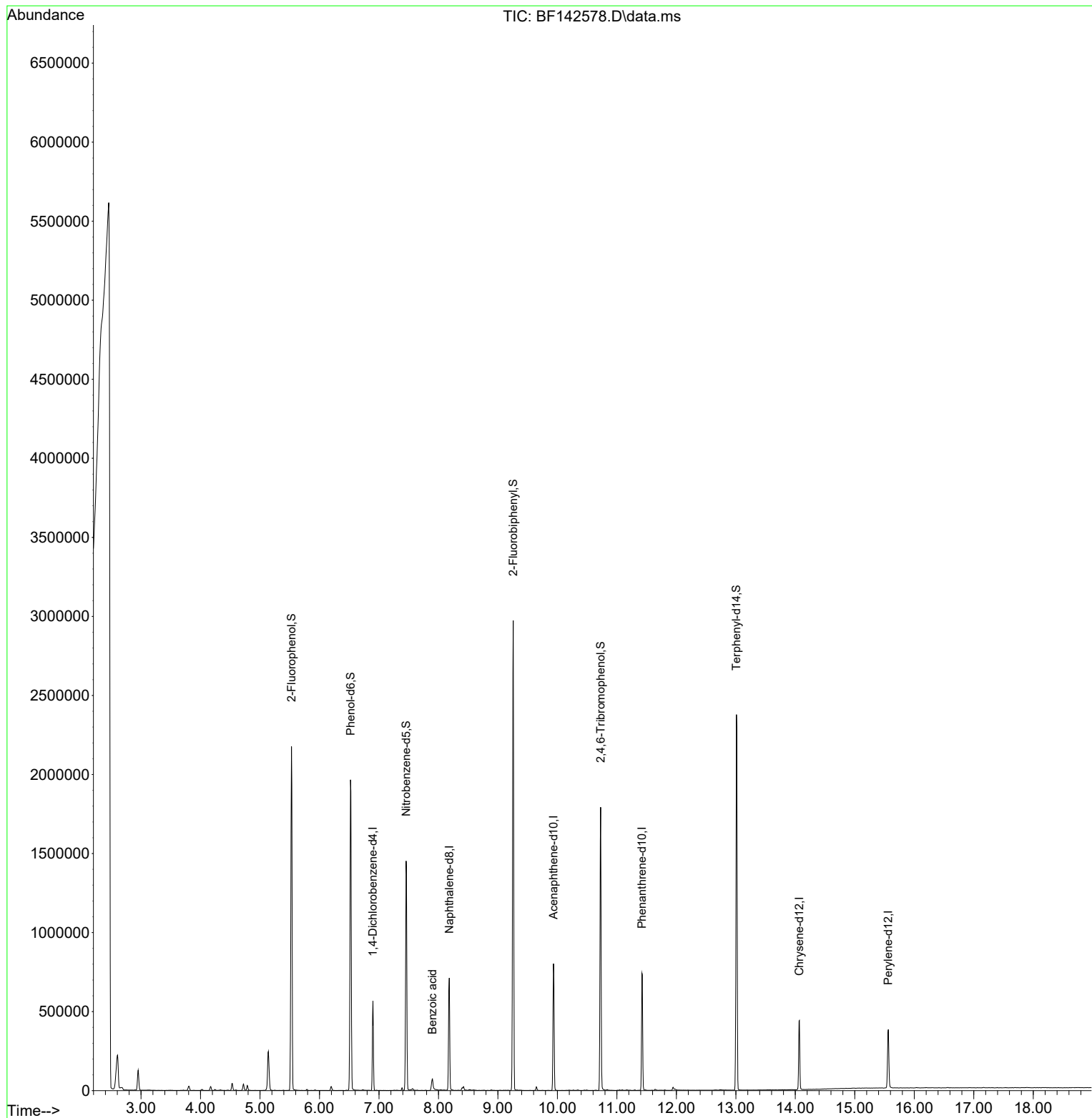
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123102	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	464398	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	246146	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	399597	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	228064	20.000	ng	0.00
86) Perylene-d12	15.562	264	223103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	870860	119.185	ng	0.01
7) Phenol-d6	6.522	99	1006091	114.385	ng	-0.01
23) Nitrobenzene-d5	7.457	82	665811	78.178	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	333833	122.198	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1378694	75.159	ng	-0.01
79) Terphenyl-d14	13.010	244	1218781	73.029	ng	0.00
Target Compounds						
32) Benzoic acid	7.898	122	30105m	6.833	ng	Qvalue

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

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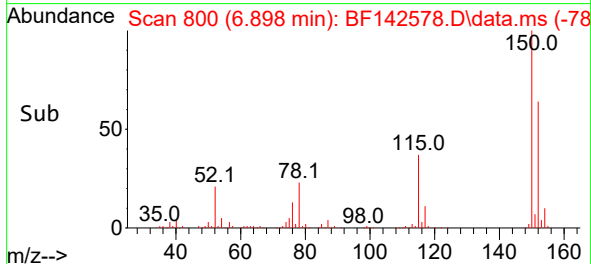
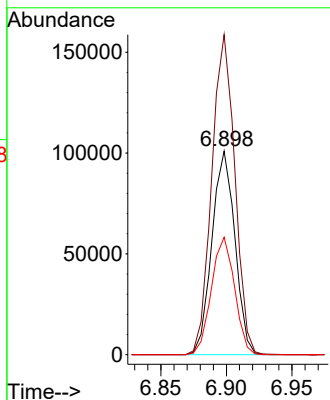
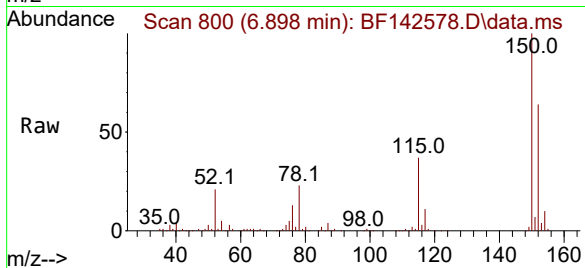




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

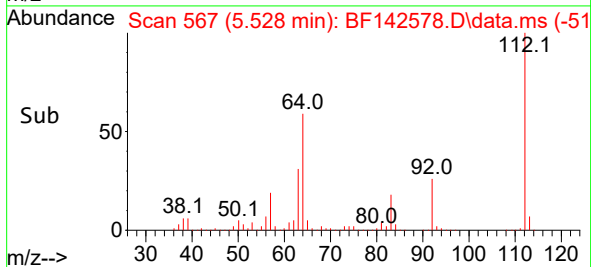
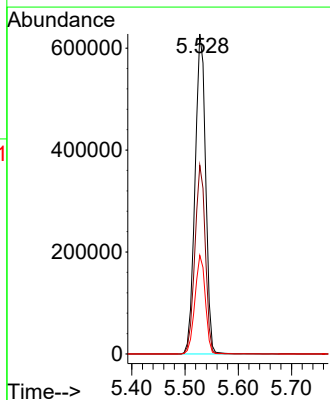
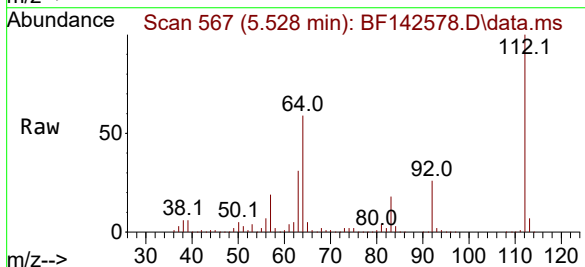
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 123102
Ion Ratio Lower Upper
152 100
150 157.2 128.2 192.4
115 57.7 48.3 72.5



#5
2-Fluorophenol
Concen: 119.185 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

Tgt Ion:112 Resp: 870860
Ion Ratio Lower Upper
112 100
64 59.0 47.5 71.3
63 30.8 24.9 37.3





#7
Phenol-d6
Concen: 114.385 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

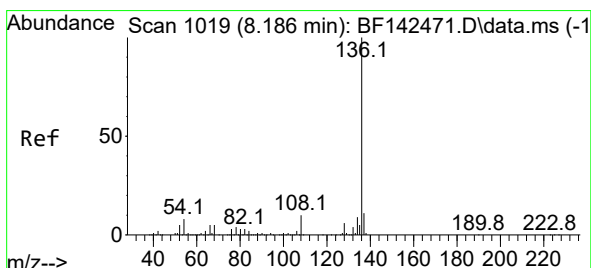
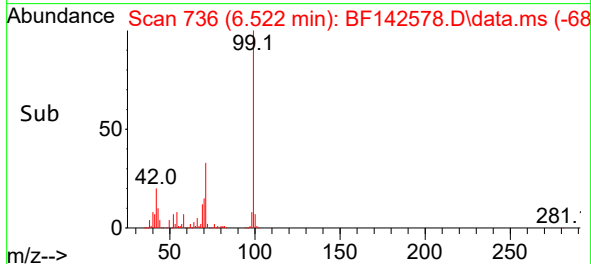
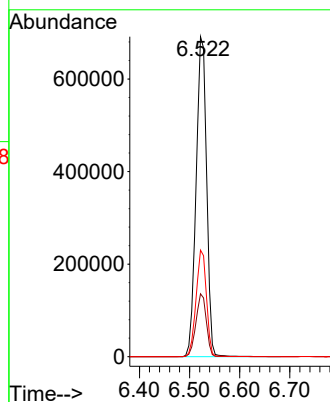
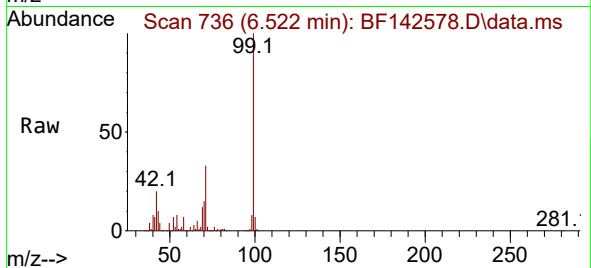
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BNA_F

ClientSampleId :

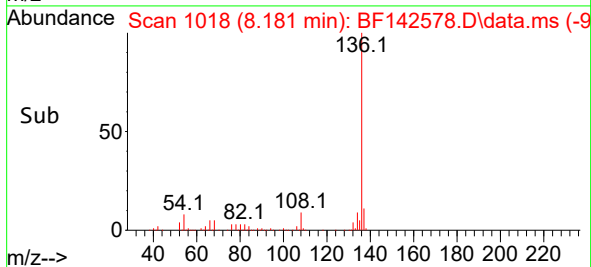
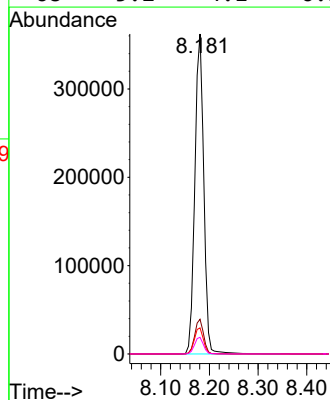
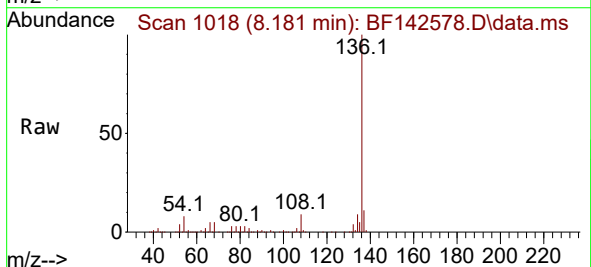
WC-1

Tgt Ion: 99 Resp: 1006091
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.3 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: BF142578.D
Acq: 30 May 2025 19:15

Tgt Ion:136 Resp: 464398
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.178 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF142578.D

Acq: 30 May 2025 19:15

Instrument :

BNA_F

ClientSampleId :

WC-1

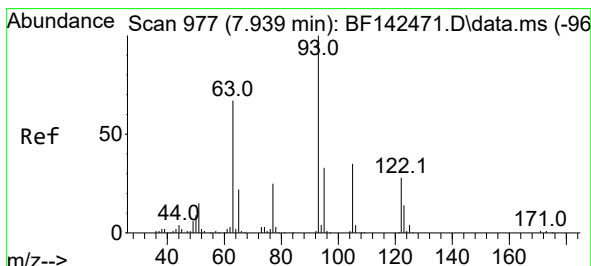
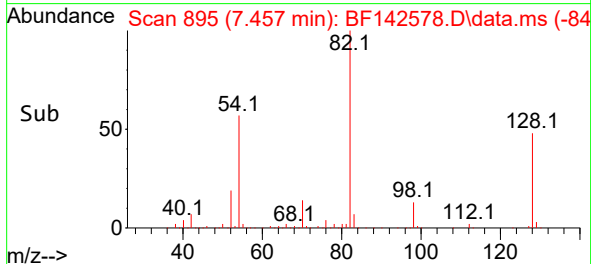
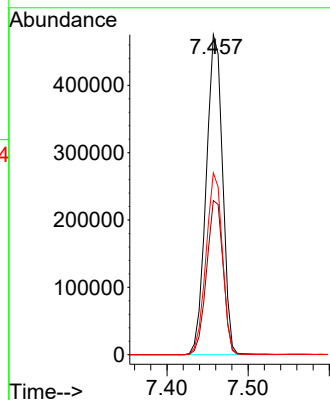
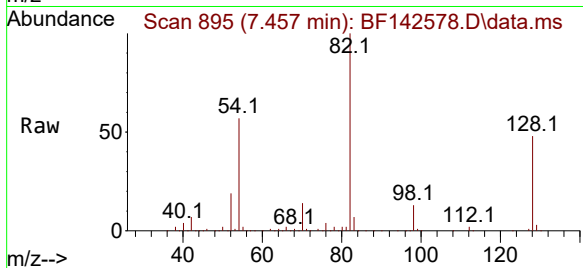
Tgt Ion: 82 Resp: 665811

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 56.8 46.6 70.0



#32

Benzoic acid

Concen: 6.833 ng m

RT: 7.898 min Scan# 970

Delta R.T. -0.077 min

Lab File: BF142578.D

Acq: 30 May 2025 19:15

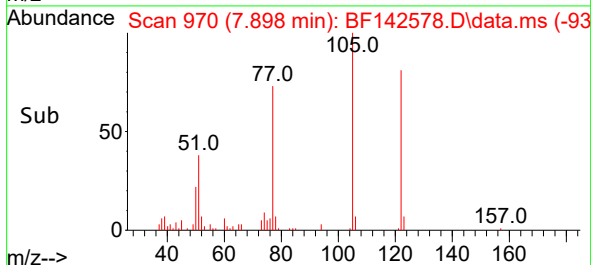
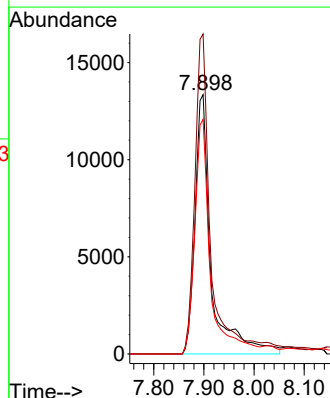
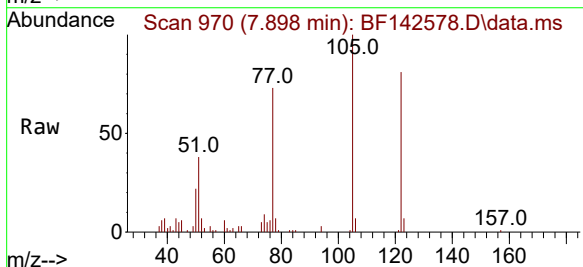
Tgt Ion:122 Resp: 30105

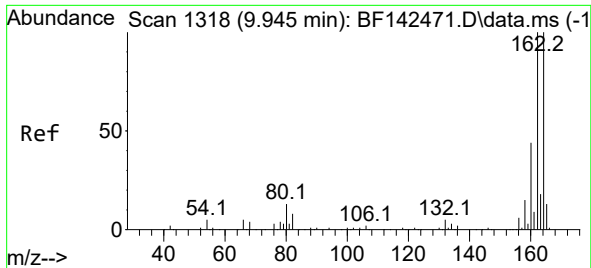
Ion Ratio Lower Upper

122 100

105 123.4 101.7 141.7

77 90.5 69.5 109.5

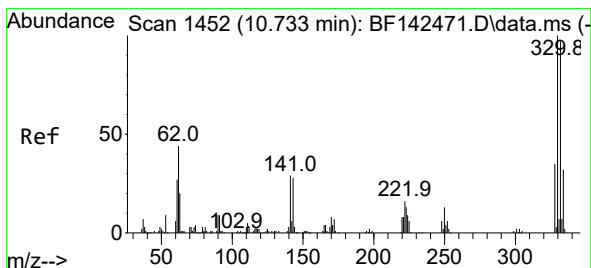
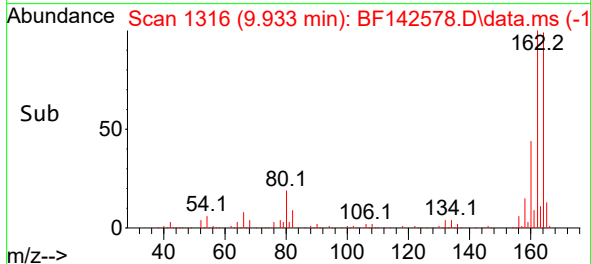
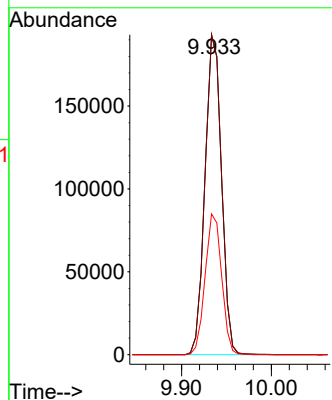
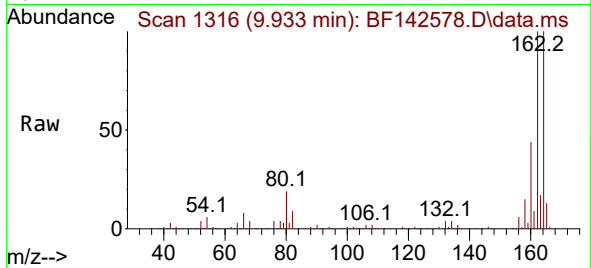




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

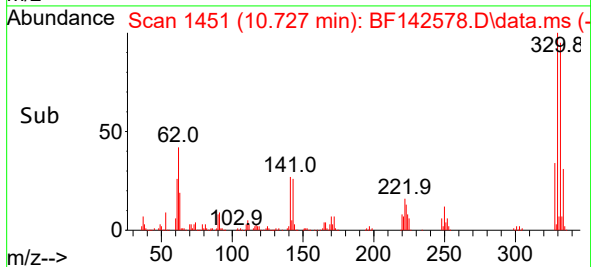
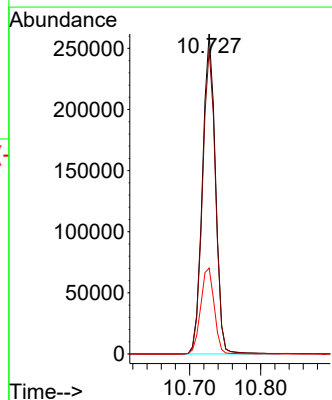
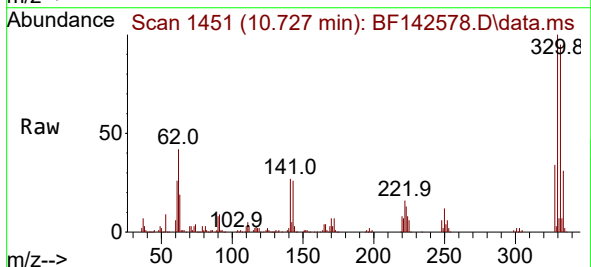
Instrument :
BNA_F
ClientSampleId :
WC-1

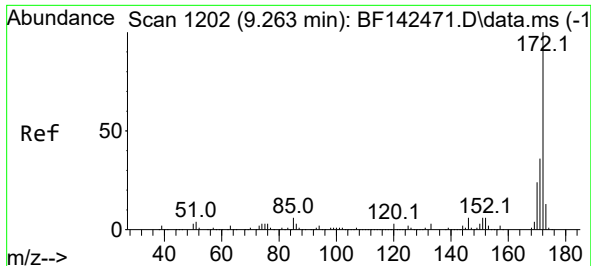
Tgt Ion:164 Resp: 246146
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.4
160 44.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 122.198 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

Tgt Ion:330 Resp: 333833
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 28.0 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 75.159 ng

RT: 9.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142578.D

Acq: 30 May 2025 19:15

Instrument :

BNA_F

ClientSampleId :

WC-1

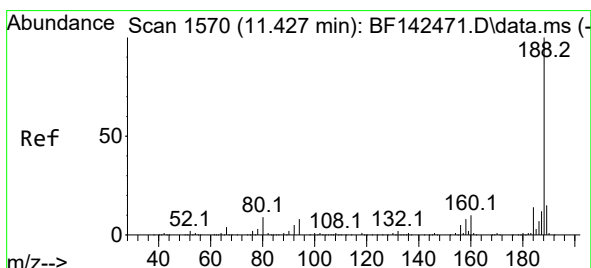
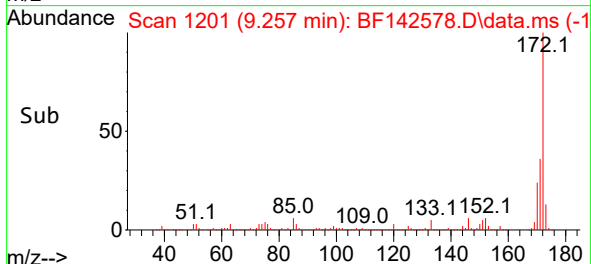
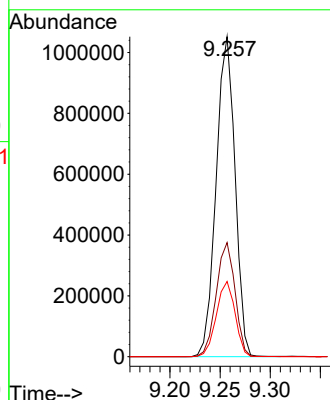
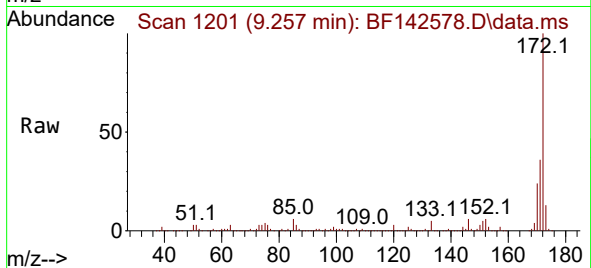
Tgt Ion:172 Resp: 1378694

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.5 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: BF142578.D

Acq: 30 May 2025 19:15

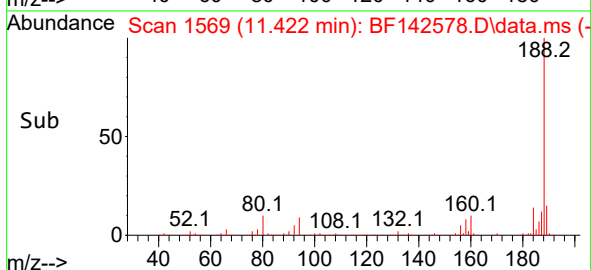
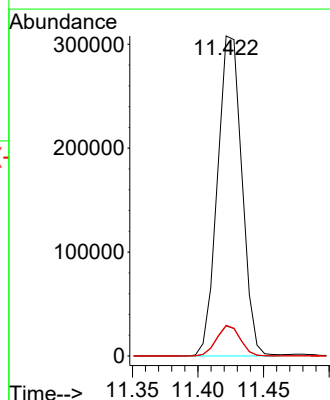
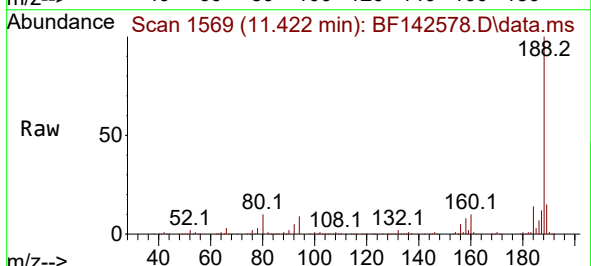
Tgt Ion:188 Resp: 399597

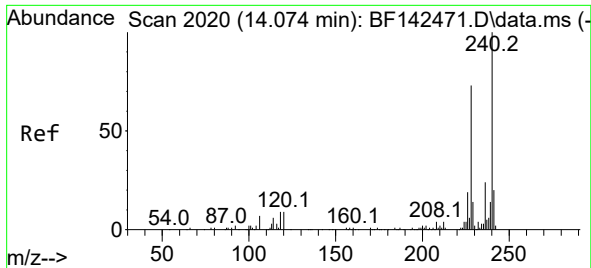
Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 9.6 7.4 11.0

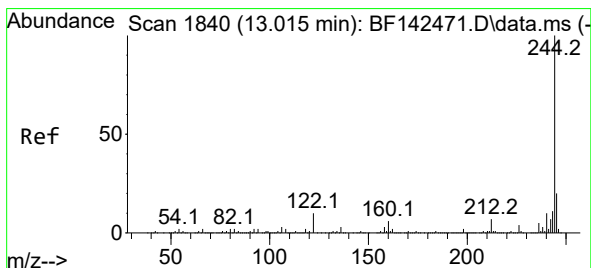
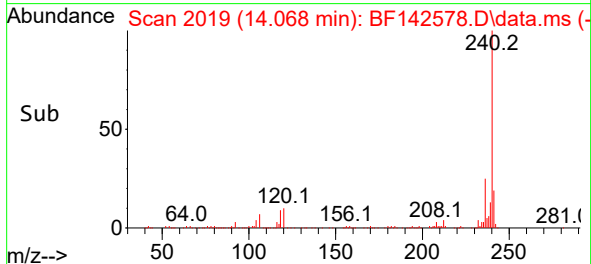
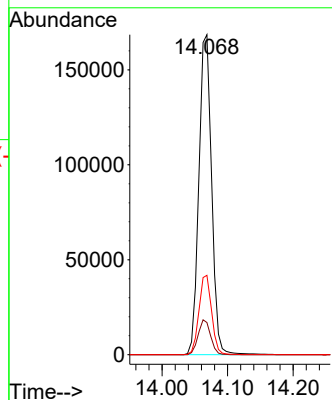
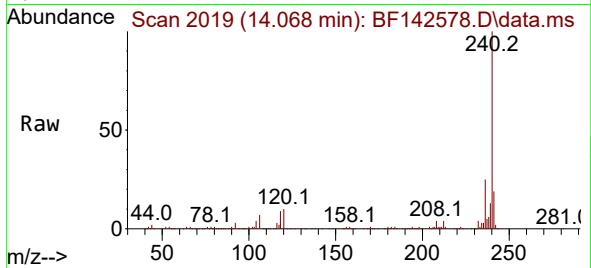




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

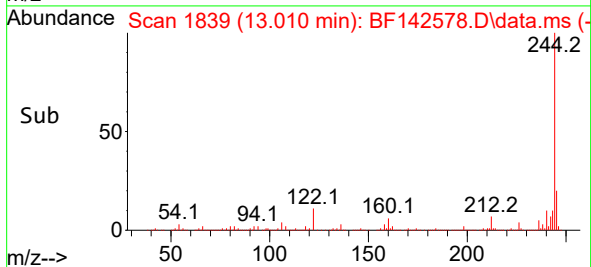
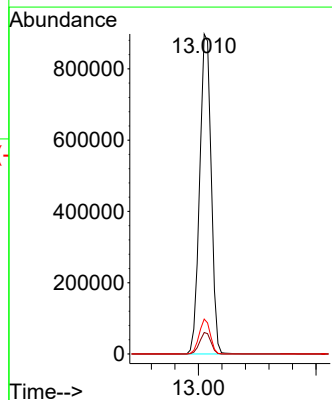
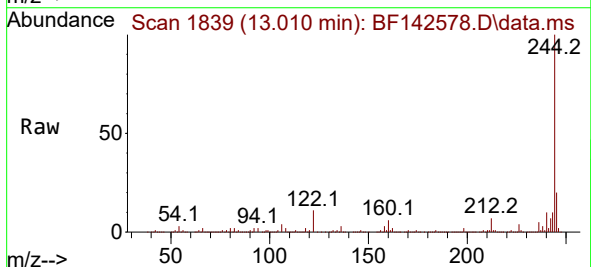
Instrument :
BNA_F
ClientSampleId :
WC-1

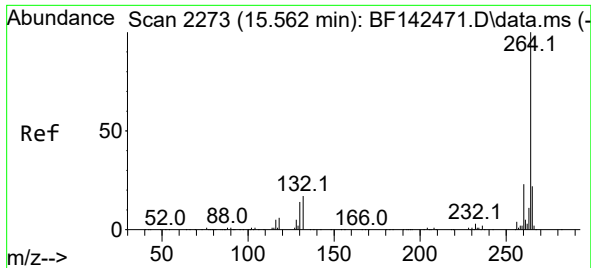
Tgt Ion:240 Resp: 228064
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 24.8 19.6 29.4



#79
Terphenyl-d14
Concen: 73.029 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

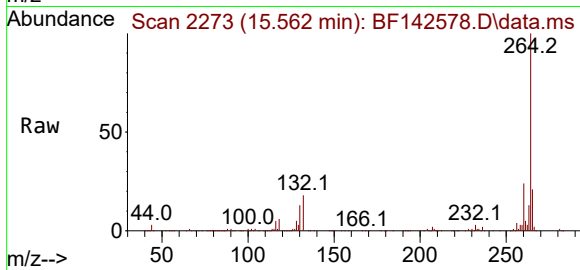
Tgt Ion:244 Resp: 1218781
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.9 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142578.D
Acq: 30 May 2025 19:15

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:264 Resp: 223103
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.5 17.7 26.5

